

U. S. DEPARTMENT OF COMMERCE
OFFICE OF BUSINESS ECONOMICS

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Business Statistics

**STATISTICAL SUPPLEMENT
TO THE
SURVEY OF CURRENT BUSINESS**

1951



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Foreword

Twenty years ago the Department of Commerce undertook to publish a comprehensive record of the past movements of all the business indicators which are brought up to date monthly in the magazine *SURVEY of CURRENT BUSINESS*. The resulting statistical supplement was welcomed by businessmen and other subscribers to the *SURVEY*, and this series has become a well-used tool in business research.

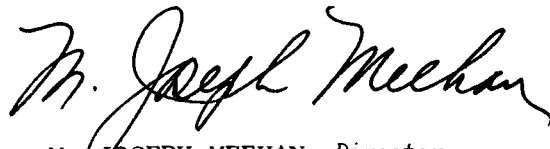
Used in conjunction with the latest issue of the *SURVEY of CURRENT BUSINESS*, this volume brings to hand a measure of the behavior of important business indexes from 1935 to the present. Weekly supplements are regularly provided each subscriber to assure that the most useful of the figures speedily reach their users. This statistical supplement is published every 2 years to keep the subscriber equipped with the most authoritative data on back years, and to spare him the inconvenience of having to locate them in the issues of the monthly magazine. These services were initiated in response to businessmen's expressions of their needs, and it has been gratifying to the Office of Business Economics to note the ever-widening use made of them.

The business statistics selected for publication here are those which have most value in the current operations of the business community. The selection has been determined by our long experience in publishing the monthly *SURVEY of CURRENT BUSINESS*—by years of exploring with businessmen the question as to what information is basically necessary for each trade or industry group and for business in general. Over 2,600 different business series are furnished.

The organization of this 1951 edition lends itself to quick and efficient research. The statistical tables first present monthly data from January 1947 through December 1950 and annual averages of monthly data from 1935 through 1950. The explanatory notes which follow contain brief but complete descriptions and explanations of the data covered in the tables and in the monthly issues of the *SURVEY of CURRENT BUSINESS*. Finally, the sources from which the data are derived are listed.

Demand for previous editions of the *SURVEY* statistical supplement has exhausted the supply provided by the Government Printing Office except in the case of the 1947 and 1949 publications. A small quantity of the 1947 issue is available for purchase from the Superintendent of Documents and, as the result of a larger printing, the number of copies of the 1949 edition there is adequate. Where earlier editions are out of print, recourse can be had to the reference copies to be found in the field offices of the Department of Commerce throughout the country or in hundreds of Government depository and other libraries.

This publication was prepared by the Current Business Analysis Division, of which Dr. C. A. R. Wardwell is Chief. K. Celeste Stokes, Chief of the Statistical Series Section, was directly responsible for this volume. In compiling the data and developing the explanatory notes published here, the many private organizations and Government agencies which regularly provide material for the monthly *SURVEY of CURRENT BUSINESS* contributed generously. The Office of Business Economics well appreciates that without their untiring work on the basic data this series of volumes would not have been possible.


M. JOSEPH MEEHAN, *Director*
Office of Business Economics

June 1951

(5)

GENERAL BUSINESS INDICATORS—NATIONAL INCOME

YEAR AND MONTH		NATIONAL INCOME BY DISTRIBUTIVE SHARES ¹																
		Annual totals or seasonally adjusted quarterly totals at annual rates																
		Total	Compensation of employees					Proprietors ¹ and rental income				Corporate profits and inventory valuation adjustment					Net interest	
			Total	Wages and salaries			Supplements to wages and salaries	Total	Business and professional ²	Farm ³	Rental income of persons	Total	Corporate profits before tax			Inventory valuation adjustment		
				Total	Private	Military							Government civilian ²	Total	Corporate profits tax liability			Corporate profits after tax
Billions of dollars																		
1935 annual total.....		56.8	37.1	36.5	30.0	0.3	6.2	0.6	12.1	5.0	4.9	2.3	3.0	3.2	1.0	2.3	-0.2	4.5
1936 annual total.....		64.7	42.7	41.8	33.9	.3	7.6	.9	12.6	6.1	3.9	2.7	4.9	5.7	1.4	4.3	-.7	4.5
1937 annual total.....		73.6	47.7	45.9	38.4	.4	7.2	1.7	15.4	6.6	5.6	3.1	6.2	6.2	1.5	4.7	(⁴)	4.4
1938 annual total.....		67.4	44.7	42.8	34.6	.4	7.9	1.9	14.0	6.3	4.4	3.3	4.3	3.3	1.0	2.3	1.0	4.3
1939 annual total.....		72.5	47.8	45.7	37.5	.4	7.8	2.1	14.7	6.8	4.5	3.5	5.8	6.5	1.5	5.0	-.7	4.2
1940 annual total.....		81.3	51.8	49.6	41.1	.6	7.9	2.2	16.3	7.7	4.9	3.6	9.2	9.3	2.9	6.4	-.1	4.1
1941 annual total.....		103.8	64.3	61.7	51.5	1.9	8.3	2.6	20.8	9.6	6.9	4.3	14.6	17.2	7.8	9.4	-2.6	4.1
1942 annual total.....		137.1	84.9	81.9	65.8	6.3	9.8	3.0	28.4	12.6	10.5	5.4	19.9	21.1	11.7	9.4	-1.2	3.9
1943 annual total.....		169.7	109.2	105.6	78.8	14.4	12.4	3.6	32.8	15.0	11.8	6.1	24.3	25.1	14.4	10.6	-.8	3.4
1944 annual total.....		183.8	121.2	116.9	83.4	20.6	12.8	4.2	35.5	17.2	11.8	6.5	24.0	24.3	13.5	10.8	-.3	3.1
1945 annual total.....		182.7	123.0	117.7	82.1	22.6	13.0	5.4	37.5	18.7	12.5	6.3	19.2	19.7	11.2	8.5	-.6	3.0
1946 annual total.....		180.3	117.1	111.2	90.6	8.0	12.7	5.9	42.0	20.6	14.8	6.6	18.3	23.5	9.6	13.9	-5.2	2.9
1947																		
January.....		191.7	124.9	118.9	101.1	4.7	13.1	6.1	42.5	19.6	16.0	6.9	20.8	30.8	12.1	18.7	-10.0	3.4
February.....																		
March.....																		
April.....		195.9	125.9	119.7	102.5	4.0	13.2	6.2	40.8	19.5	14.5	6.8	25.7	29.7	11.8	18.0	-4.0	3.5
May.....																		
June.....																		
July.....		199.4	128.0	122.3	105.5	3.8	13.1	5.7	41.8	19.6	15.0	7.2	26.0	30.2	11.8	18.5	-4.2	3.6
August.....																		
September.....																		
October.....		207.7	133.0	127.2	109.9	3.9	13.4	5.8	44.6	20.4	17.0	7.3	26.4	31.2	12.1	19.1	-4.8	3.7
November.....																		
December.....																		
Annual total.....		198.7	128.0	122.1	104.8	4.1	13.2	5.9	42.4	19.8	15.6	7.1	24.7	30.5	11.9	18.5	-5.8	3.5
1948																		
January.....		214.4	135.7	130.0	112.3	3.8	13.8	5.7	45.6	21.6	16.7	7.3	29.1	33.9	13.1	20.8	-4.8	3.9
February.....																		
March.....																		
April.....		222.9	138.0	132.2	114.1	3.9	14.2	5.8	48.6	22.2	18.8	7.6	32.2	34.4	13.3	21.2	-2.3	4.2
May.....																		
June.....																		
July.....		226.8	142.9	137.1	117.8	4.0	15.2	5.8	47.9	22.4	18.0	7.5	31.5	34.8	13.5	21.3	-3.3	4.5
August.....																		
September.....																		
October.....		229.7	144.0	138.1	118.3	4.2	15.6	5.9	46.9	22.2	17.2	7.6	34.1	31.9	12.3	19.6	2.1	4.7
November.....																		
December.....																		
Annual total.....		223.5	140.2	134.4	115.7	4.0	14.7	5.8	47.3	22.1	17.7	7.5	31.7	33.8	13.0	20.7	-2.1	4.3
1949																		
January.....		221.5	141.0	134.7	114.8	4.1	15.7	6.4	43.5	21.5	14.5	7.5	32.2	31.8	12.3	19.4	.4	4.8
February.....																		
March.....																		
April.....		216.8	139.8	133.4	113.2	4.1	16.1	6.4	41.6	21.1	13.0	7.5	30.5	26.7	10.3	16.4	3.8	4.9
May.....																		
June.....																		
July.....		216.1	139.3	132.9	112.3	4.2	16.4	6.5	40.3	20.6	12.2	7.5	31.5	28.0	10.9	17.1	3.6	5.0
August.....																		
September.....																		
October.....		212.6	139.5	132.9	112.0	4.5	16.4	6.6	40.4	20.4	12.3	7.7	27.7	27.0	10.5	16.5	.7	5.0
November.....																		
December.....																		
Annual total.....		216.7	139.9	133.4	113.0	4.2	16.1	6.5	41.4	20.9	13.0	7.5	30.5	28.3	11.0	17.3	2.1	4.9
1950																		
January.....		219.3	142.2	135.2	114.3	4.4	16.4	7.0	41.4	21.1	12.5	7.8	30.5	31.9	14.4	17.5	-1.4	5.2
February.....																		
March.....																		
April.....		230.6	148.6	141.3	120.1	4.4	16.8	7.4	41.8	21.9	12.2	7.8	34.8	37.5	16.9	20.6	-2.7	5.3
May.....																		
June.....																		
July.....		245.8	157.3	149.7	127.2	5.0	17.5	7.7	45.6	23.2	14.3	8.1	37.4	45.7	20.5	25.2	-8.3	5.5
August.....																		
September.....																		
October.....		260.1	165.2	157.2	132.7	6.6	17.9	7.9	47.2	23.0	15.8	8.4	42.2	50.3	22.5	27.8	-8.2	5.6
November.....																		
December.....																		
Annual total.....		239.0	153.3	145.8	123.6	5.1	17.2	7.5	44.0	22.3	13.7	8.0	36.2	41.4	18.6	22.8	-5.1	5.4

For footnotes giving source of data and description of series, see p. 191.

GENERAL BUSINESS INDICATORS—GROSS NATIONAL PRODUCT

YEAR AND MONTH	GROSS NATIONAL PRODUCT OR EXPENDITURE ²																
	Annual totals or seasonally adjusted quarterly totals at annual rates																
	Total	Personal consumption expenditures				Gross private domestic investment				Net foreign investment	Government purchases of goods and services						
		Total	Durable goods	Non-durable goods	Services	Total	New construction	Producers' durable equipment	Change in business inventories		Total	Federal				State and local	
												Total	War ²	Nonwar ²	Less: Government sales ³		
Billions of dollars																	
1935 annual total.....	72.2	56.2	5.2	29.4	21.7	6.1	1.9	3.4	0.9	-0.1	9.9	2.9	(⁴)	⁴ 2.9	(⁵)	7.0	
1936 annual total.....	82.5	62.5	6.4	32.9	23.3	8.3	2.8	4.5	1.0	-1	11.7	4.8	(⁴)	⁴ 4.8	(⁵)	6.9	
1937 annual total.....	90.2	67.1	7.0	35.2	24.9	11.4	3.7	5.4	2.3	.1	11.6	4.6	(⁴)	⁴ 4.6	(⁵)	7.0	
1938 annual total.....	84.7	64.5	5.8	34.0	24.7	6.3	3.3	4.0	-1.0	1.1	12.8	5.3	(⁴)	⁴ 5.3	(⁵)	7.5	
1939 annual total.....	91.3	67.5	6.7	35.3	25.5	9.9	4.9	4.6	.4	.9	13.1	5.2		1.3	3.9	(⁵)	7.9
1940 annual total.....	101.4	72.1	7.9	37.6	26.6	13.9	5.6	6.1	2.3	1.5	13.9	6.2		2.2	4.0	(⁵)	7.8
1941 annual total.....	126.4	82.3	9.8	44.0	28.5	18.3	6.8	7.7	3.9	1.1	24.7	16.9		13.8	3.2	(⁵)	7.8
1942 annual total.....	161.6	91.2	7.1	52.9	31.2	10.9	4.0	4.9	2.1	-2	59.7	52.0		49.6	2.7	.2	7.7
1943 annual total.....	194.3	102.2	6.8	61.0	34.4	5.7	2.5	4.1	-9	-2.2	88.6	81.2		80.4	1.5	.6	7.4
1944 annual total.....	213.7	111.6	7.1	67.1	37.4	7.7	2.8	5.7	-8	-2.1	96.5	89.0		88.6	1.6	1.2	7.5
1945 annual total.....	215.2	123.1	8.5	74.9	39.7	10.7	3.9	7.5	-7	-1.4	82.8	74.8		75.9	1.0	2.2	8.0
1946 annual total.....	211.1	146.9	16.6	85.8	44.5	28.7	10.3	12.3	6.1	4.6	30.9	20.9		21.2	2.5	2.7	10.0
1947																	
January.....	224.0	159.5	20.4	91.9	47.3	28.3	12.5	16.1	-.3	8.7	27.4	15.5	17.6			2.1	11.9
February.....																	
March.....																	
April.....	231.7	163.9	21.2	94.4	48.3	29.4	12.6	16.8	.1	10.0	28.4	15.9	17.2			1.3	12.5
May.....																	
June.....																	
July.....	233.1	167.6	21.4	96.5	49.8	27.7	14.1	17.0	-3.4	9.0	28.7	15.7	16.6			.9	13.0
August.....																	
September.....																	
October.....	244.3	171.3	22.6	97.8	50.9	35.3	16.4	18.4	.5	7.8	29.9	16.1	16.9			.9	13.8
November.....																	
December.....																	
Annual total.....	233.3	165.6	21.4	95.1	49.1	30.2	13.9	17.1	-.8	8.9	28.6	15.8	17.1			1.3	12.8
1948																	
January.....	248.2	174.6	22.1	100.2	52.3	38.4	17.0	19.1	2.4	3.6	31.6	17.2	18.2			1.1	14.4
February.....																	
March.....																	
April.....	257.8	177.5	23.4	100.6	53.5	42.1	17.9	19.6	4.7	2.6	35.6	20.4	21.1			.7	15.1
May.....																	
June.....																	
July.....	263.2	179.7	23.5	101.4	54.8	44.6	18.2	20.5	5.9	.0	38.9	22.9	23.3			.4	16.1
August.....																	
September.....																	
October.....	267.0	179.8	22.5	101.4	55.9	45.7	17.8	20.7	7.2	1.2	40.3	23.6	24.0			.4	16.7
November.....																	
December.....																	
Annual total.....	259.0	177.9	22.9	100.9	54.1	42.7	17.7	19.9	5.0	1.9	36.6	21.0	21.7			.6	15.6
1949																	
January.....	259.5	178.4	22.4	99.6	56.3	36.8	17.1	19.4	-.3	1.2	43.1	25.6	25.9			.3	17.5
February.....																	
March.....																	
April.....	257.9	180.0	23.6	99.4	57.1	32.1	16.8	19.5	-4.1	1.3	44.5	26.6	26.9			.3	17.9
May.....																	
June.....																	
July.....	256.5	180.0	24.6	97.6	57.9	32.8	16.9	18.8	-2.9	.2	43.5	25.1	25.9			.7	18.4
August.....																	
September.....																	
October.....	255.5	182.3	25.1	98.3	58.9	30.5	18.2	18.3	-6.1	-.5	43.3	24.5	24.8			.3	18.8
November.....																	
December.....																	
Annual total.....	257.3	180.2	23.9	98.7	57.6	33.0	17.2	19.0	-3.2	.5	43.6	25.5	25.9			.4	18.1
1950																	
January.....	264.4	184.7	26.3	98.4	60.1	40.1	20.1	18.9	1.1	-1.7	41.3	22.0	22.2			.3	19.3
February.....																	
March.....																	
April.....	275.0	188.7	26.6	100.4	61.6	47.9	21.4	21.4	5.2	-1.6	40.1	20.9	21.1			.2	19.2
May.....																	
June.....																	
July.....	287.4	202.5	34.3	105.5	62.7	47.3	23.5	24.5	-.7	-3.2	40.8	21.2	21.4			.2	19.7
August.....																	
September.....																	
October.....	303.7	198.4	29.4	104.9	64.0	60.2	23.3	25.0	11.8	-2.7	47.8	27.3	27.5			.2	20.4
November.....																	
December.....																	
Annual total.....	282.6	193.6	29.2	102.3	62.1	48.9	22.1	22.5	4.3	-2.3	42.5	22.8	23.1			.2	19.7

GENERAL BUSINESS INDICATORS—PERSONAL INCOME

YEAR AND MONTH		DISPOSITION OF PERSONAL INCOME ¹				PERSONAL INCOME BY SOURCES ²											
		Annual totals or seasonally adjusted quarterly totals at annual rates				Annual totals or seasonally adjusted monthly totals at annual rates											
		Total	Per-sonal tax and nontax pay-ments ²	Disposable per-sonal income		Total	Wage and salary receipts						Other labor in-come ⁵	Pro-prietors' and rental in-come	Per-sonal inter-est income and divi-dends	Trans-fer pay-ments ⁶	Total non-agricul-tural in-come ⁷
				Total ²	Per-sonal sav-ing ²		Total	Total	Com-mod-ity produc-ing indus-tries	Dis-tribu-tive indus-tries	Serv-ice indus-tries	Gov-ern-ment						Less em-ployee con-trib-utions for social insur-ance^{4}
Billions of dollars																	
1935 annual total.....	59.9	1.9	58.0	1.8	59.9	36.3	36.5	13.5	10.7	5.8	6.5	0.2	0.4	12.1	8.6	2.4	53.4
1936 annual total.....	68.4	2.3	66.1	3.6	68.4	41.6	41.8	15.8	11.8	6.3	7.9	.2	.5	12.6	10.1	3.5	62.8
1937 annual total.....	74.0	2.9	71.1	3.9	74.0	45.4	45.9	18.4	13.1	6.9	7.5	.6	.5	15.4	10.3	2.4	66.5
1938 annual total.....	68.3	2.9	65.5	1.0	68.3	42.3	42.8	15.3	12.6	6.7	8.2	.6	.5	14.0	8.7	2.8	62.1
1939 annual total.....	72.6	2.4	70.2	2.7	72.6	45.1	45.7	17.4	13.3	6.9	8.2	.6	.5	14.7	9.2	3.0	66.3
1940 annual total.....	78.3	2.6	75.7	3.7	78.3	48.9	49.6	19.7	14.2	7.3	8.5	.7	.6	16.3	9.4	3.1	71.5
1941 annual total.....	95.3	3.3	92.0	9.8	95.3	60.9	61.7	27.5	16.3	7.8	10.2	.8	.6	20.8	9.9	3.1	86.1
1942 annual total.....	122.7	6.0	116.7	25.6	122.7	80.7	81.9	39.1	18.0	8.6	16.1	1.2	.7	28.4	9.7	3.2	109.4
1943 annual total.....	150.3	17.8	132.4	30.2	150.3	103.6	105.4	49.0	20.1	9.5	26.8	1.8	.9	32.8	10.0	3.0	135.2
1944 annual total.....	165.9	18.9	147.0	35.4	165.9	114.9	117.1	50.4	22.7	10.5	33.5	2.2	1.3	35.5	10.6	3.6	150.5
1945 annual total.....	171.9	20.9	151.1	28.0	171.9	115.3	117.7	45.9	24.7	11.5	35.6	2.3	1.5	37.5	11.4	6.2	155.7
1946 annual total.....	177.7	18.8	158.9	12.0	177.7	109.2	111.3	46.1	30.9	13.7	20.6	2.0	1.9	42.0	13.2	11.4	158.8
1947																	
January.....	186.6	21.2	165.4	5.9	187.6	116.5	118.6	52.6	33.2	14.7	18.1	2.1	2.1	43.6	14.5	10.9	165.9
February.....					186.0	116.5	118.7	52.8	33.6	14.7	17.6	2.2	2.1	42.4	14.4	10.6	165.4
March.....					185.9	117.1	119.3	53.0	33.9	14.8	17.6	2.2	2.2	41.5	14.3	10.8	166.1
April.....	185.5	21.2	164.2	4	183.6	115.9	118.2	52.5	33.3	15.0	17.4	2.3	2.2	40.5	14.2	10.8	165.3
May.....					184.7	117.4	119.5	53.1	34.1	15.2	17.1	2.1	2.3	40.4	14.2	10.4	166.2
June.....					187.8	119.4	121.5	53.6	35.2	15.5	17.2	2.1	2.3	41.3	14.2	10.6	168.4
July.....	193.2	21.6	171.7	4.1	188.7	118.7	120.8	53.3	35.1	15.6	16.8	2.1	2.4	42.1	14.2	11.3	168.8
August.....					188.2	119.8	121.9	54.2	35.4	15.5	16.8	2.1	2.4	41.0	14.4	10.6	169.1
September.....					202.7	122.1	124.1	55.6	36.2	15.5	16.8	2.0	2.5	42.2	14.6	21.3	182.9
October.....	198.6	22.1	176.5	5.2	196.1	123.2	125.3	56.0	36.5	15.7	17.1	2.1	2.5	43.6	14.7	12.1	175.4
November.....					197.5	125.2	127.1	56.9	37.3	15.6	17.3	1.9	2.6	43.8	14.9	11.0	176.7
December.....					202.2	126.9	129.0	58.2	37.6	15.8	17.4	2.1	2.6	46.6	15.0	11.1	179.2
Annual total.....	191.0	21.5	169.5	3.9	191.0	119.9	122.0	54.3	35.1	15.3	17.2	2.1	2.4	42.4	14.5	11.8	170.8
1948																	
January.....	203.1	23.3	179.8	5.2	205.3	127.7	129.9	58.5	37.9	15.9	17.6	2.2	2.7	48.4	15.1	11.4	180.8
February.....					201.0	128.0	130.0	57.9	38.4	16.1	17.6	2.0	2.7	43.7	15.2	11.4	181.6
March.....					202.8	127.6	129.7	57.8	38.0	16.1	17.8	2.1	2.7	44.7	15.4	12.4	182.7
April.....	208.6	20.8	187.8	10.3	206.1	128.0	130.1	58.0	37.8	16.4	17.9	2.1	2.7	47.8	15.6	12.0	183.4
May.....					207.5	130.1	132.2	59.1	38.4	16.6	18.1	2.1	2.7	47.6	15.8	11.3	184.7
June.....					212.0	131.7	133.9	60.2	38.6	16.7	18.4	2.2	2.8	50.3	15.9	11.3	186.8
July.....	213.2	20.2	193.0	13.3	212.8	133.5	135.7	60.7	39.2	16.9	18.9	2.2	2.8	49.1	16.1	11.3	188.9
August.....					213.3	135.2	137.4	61.7	39.5	17.0	19.2	2.2	2.8	47.7	16.3	11.3	190.8
September.....					213.4	136.1	138.4	62.5	39.6	16.8	19.5	2.3	2.8	47.0	16.6	10.9	191.6
October.....	213.1	20.3	192.8	13.0	213.9	136.2	138.4	62.3	39.3	17.0	19.8	2.2	2.8	47.4	16.9	10.6	191.3
November.....					213.0	136.0	138.2	62.2	39.1	17.0	19.9	2.2	2.8	46.7	16.9	10.6	191.0
December.....					212.1	134.7	137.0	61.6	39.2	16.4	19.8	2.3	2.9	46.7	16.8	11.0	190.9
Annual total.....	209.5	21.1	188.4	10.5	209.5	132.1	134.3	60.2	38.8	16.6	18.7	2.2	2.8	47.3	16.0	11.3	187.1
1949																	
January.....	207.3	18.7	188.6	10.3	210.1	133.8	136.1	60.0	39.2	17.1	19.8	2.3	2.9	45.4	16.7	11.3	189.3
February.....					205.7	132.1	134.4	58.9	38.8	16.9	19.8	2.3	2.9	42.4	16.7	11.6	188.0
March.....					205.9	130.8	133.1	57.2	38.8	17.2	19.9	2.3	2.9	42.6	16.8	12.8	187.8
April.....	205.4	18.6	186.7	6.7	205.8	131.9	134.1	57.4	39.4	17.2	20.1	2.2	2.9	41.5	17.0	12.5	188.5
May.....					205.6	131.9	134.1	56.9	39.7	17.4	20.1	2.2	2.9	41.6	16.9	12.3	188.0
June.....					204.8	130.9	133.2	56.3	39.2	17.3	20.4	2.3	2.9	41.8	16.8	12.4	186.9
July.....	203.5	18.6	184.8	4.8	203.0	130.7	132.8	55.9	39.0	17.2	20.7	2.1	3.0	40.0	16.8	12.5	186.4
August.....					204.0	130.6	132.8	56.2	39.0	17.1	20.5	2.2	3.0	40.8	16.9	12.7	186.9
September.....					203.8	130.9	133.1	56.4	39.0	17.1	20.6	2.2	3.0	40.1	17.1	12.7	187.4
October.....	204.3	18.6	185.7	3.4	202.1	129.7	131.9	54.9	38.6	17.5	20.9	2.2	3.0	40.1	17.2	12.1	185.6
November.....					203.0	130.3	132.5	55.5	38.5	17.5	21.0	2.2	3.0	40.1	17.1	12.5	186.9
December.....					207.8	132.3	134.5	57.1	38.9	17.5	21.0	2.2	3.0	40.9	18.6	13.0	190.4
Annual total.....	205.1	18.6	186.4	6.3	205.1	131.2	133.5	56.9	39.0	17.2	20.4	2.2	3.0	41.4	17.1	12.4	187.6
1950																	
January.....	216.3	19.0	197.3	12.5	213.7	132.0	134.8	57.0	39.3	17.7	20.8	2.8	3.1	42.9	17.2	18.5	195.1
February.....					215.5	131.5	134.2	56.3	39.1	17.9	20.9	2.7	3.1	40.9	17.6	22.4	199.2
March.....					219.7	133.7	136.6	58.1	39.5	18.0	21.0	2.9	3.3	40.4	18.0	24.3	204.1
April.....	217.1	19.5	197.5	8.9	215.0	135.6	138.4	59.5	39.7	18.1	21.1	2.8	3.3	40.6	18.4	17.1	199.4
May.....					216.9	138.3	141.2	61.3	40.4	18.5	21.0	2.9	3.5	42.4	18.4	14.3	199.9
June.....					219.0	141.1	144.1	62.8	41.3	18.7	21.3	3.0	3.5	42.5	18.4	13.5	202.6
July.....	227.3	20.2	207.1	4.6	222.7	143.2	146.1	63.9	41.9	18.8	21.5	2.9	3.6	45.3	18.4	12.2	204.0
August.....					227.7	147.2	150.3	66.2	42.8	18.9	22.4	3.1	3.6	46.1	18.9	11.9	208.6
September.....					231.5	149.7	152.6	67.1	42.8	19.1	23.6	2.9	3.6	45.3	21.6	11.3	212.9
October.....	238.3	23.1	215.2	16.8	234.1	152.4	155.6	69.3	43.1	19.3	23.9	3.2	3.6	46.3	19.7	12.1	214.3
November.....					236.4	154.2	157.3	69.9	43.2	19.5	24.7	3.1	3.7	47.2	19.5	11.8	215.5
December.....					244.4	155.9	158.9	70.8	43.6	19.6	24.9	3.0	3.7	48.1	25.0	11.7	223.4
Annual total.....	224.7	20.5	204.3	10.7	224.7	142.9	145.8	63.5	41.4	18.7	22.3	2.9	3.5	44.0	19.3	15.1	206.6

GENERAL BUSINESS INDICATORS—PLANT AND EQUIPMENT EXPENDITURES AND FARM INCOME

YEAR AND MONTH	NEW PLANT AND EQUIPMENT EXPENDITURES ¹							FARM INCOME ²										Indexes of cash receipts from marketings and C.C.C. loans		
	Quarterly							Cash receipts												
	All industries total	Manufacturing	Mining	Railroad	Other transportation	Electric and gas utilities	Commercial and miscellaneous	Total, including Government payments	Receipts from marketings and C.C.C. loans						Total	Crops	Livestock and products			
									Total	Crops	Livestock and products									
											Total	Dairy products	Meat animals	Poultry and eggs						
Millions of dollars																		1935-39 = 100		
1935 monthly average...	935	3 448	(3)	42	(4)	(4)	5 446	638	591	248	342	109	158	67	89	87	90			
1936 monthly average...	1,269	3 613	(3)	77	(4)	(4)	5 580	721	697	304	393	123	189	69	105	107	104			
1937 monthly average...	1,683	3 833	(3)	131	(4)	(4)	5 719	768	738	329	409	127	196	72	111	115	108			
1938 monthly average...	1,130	3 458	(3)	60	(4)	(4)	5 613	681	641	266	375	116	183	67	96	93	99			
1939 monthly average...	1,300	483	95	70	70	120	463	724	656	281	376	112	189	64	99	98	99			
1940 monthly average...	1,623	645	140	110	98	138	495	761	697	289	408	127	199	69	105	101	108			
1941 monthly average...	2,048	850	170	140	85	178	623	981	932	393	539	158	269	95	140	138	142			
1942 monthly average...	1,528	690	103	135	65	170	368	1,339	1,281	528	753	195	397	144	193	185	199			
1943 monthly average...	1,133	563	90	115	48	135	183	1,676	1,620	665	955	234	486	214	244	233	252			
1944 monthly average...	1,303	598	125	145	70	123	243	1,764	1,697	753	944	245	476	205	255	264	249			
1945 monthly average...	1,658	803	110	138	80	158	370	1,857	1,793	795	999	255	492	232	270	278	263			
1946 monthly average...	3,010	1,478	140	143	165	260	825	2,136	2,072	930	1,142	311	587	224	312	326	301			
1947																				
January.....	3,160	1,450	150	160	180	330	900	2,363	2,331	1,014	1,317	313	818	178	351	355	348			
February.....								1,909	1,869	741	1,128	284	663	173	281	259	298			
March.....								2,014	1,951	685	1,266	331	709	218	294	240	334			
April.....	3,940	1,850	160	220	230	450	1,030	1,870	1,813	517	1,296	342	702	239	273	181	342			
May.....								1,888	1,854	534	1,320	380	670	250	279	187	349			
June.....								2,088	2,065	731	1,334	390	680	235	311	256	352			
July.....	4,140	1,870	180	230	200	500	1,160	2,625	2,620	1,282	1,338	379	680	246	394	449	353			
August.....								2,636	2,626	1,366	1,260	365	634	236	395	478	333			
September.....								3,163	3,153	1,683	1,470	340	856	253	475	589	388			
October.....	4,940	2,290	210	300	190	620	1,340	3,766	3,755	2,155	1,600	320	977	282	565	755	422			
November.....								3,167	3,155	1,568	1,587	297	972	303	475	549	419			
December.....								2,839	2,822	1,228	1,594	306	979	299	425	430	421			
Monthly average.....	4,405	1,865	173	228	200	475	1,108	2,527	2,501	1,125	1,376	337	778	243	377	394	363			
1948																				
January.....	4,170	1,800	180	270	180	500	1,240	2,550	2,524	1,080	1,444	330	906	200	380	378	381			
February.....								1,684	1,655	526	1,129	320	607	194	249	184	298			
March.....								1,856	1,816	568	1,248	360	650	229	273	199	329			
April.....	4,820	2,140	200	310	190	640	1,340	2,038	1,988	632	1,356	391	702	248	299	221	358			
May.....								2,082	2,044	616	1,428	451	695	254	308	215	377			
June.....								2,441	2,415	855	1,560	477	799	248	364	299	412			
July.....	4,830	2,090	200	320	170	690	1,360	2,684	2,674	1,235	1,439	453	708	253	403	432	380			
August.....								2,703	2,697	1,256	1,441	411	755	258	406	440	380			
September.....								3,113	3,108	1,599	1,509	357	865	272	468	560	398			
October.....	5,410	2,320	220	410	170	850	1,440	3,775	3,768	2,195	1,573	330	950	279	567	769	415			
November.....								3,219	3,209	1,660	1,549	282	927	328	483	581	409			
December.....								2,656	2,646	1,248	1,398	279	796	312	399	437	369			
Monthly average.....	4,808	2,085	200	330	175	670	1,348	2,567	2,545	1,123	1,423	370	780	256	383	393	376			
1949																				
January.....	4,460	1,850	190	360	130	680	1,260	2,283	2,267	1,005	1,262	296	742	216	341	352	333			
February.....								1,698	1,683	606	1,077	277	589	203	253	212	284			
March.....								1,954	1,928	651	1,277	315	709	244	290	228	337			
April.....	4,660	1,880	190	380	140	780	1,290	1,836	1,809	555	1,254	315	665	260	272	194	331			
May.....								1,942	1,913	611	1,302	371	638	271	288	214	344			
June.....								2,103	2,086	789	1,297	376	645	248	314	276	342			
July.....	4,370	1,690	180	310	140	790	1,260	2,258	2,249	1,063	1,186	353	576	239	339	372	313			
August.....								2,565	2,559	1,235	1,324	331	731	247	385	432	349			
September.....								2,929	2,922	1,557	1,365	305	778	266	440	545	360			
October.....	4,630	1,830	180	300	120	890	1,320	3,366	3,354	1,873	1,481	296	907	265	505	656	391			
November.....								2,905	2,893	1,534	1,359	272	769	306	435	537	359			
December.....								2,473	2,464	1,258	1,206	274	646	273	371	441	318			
Monthly average.....	4,530	1,813	185	338	130	785	1,280	2,359	2,344	1,061	1,283	315	700	253	353	372	338			
1950																				
January.....	3,700	1,520	150	230	80	650	1,060	2,254	2,238	1,099	1,139	290	676	165	337	385	301			
February.....								1,614	1,596	581	1,015	276	574	156	240	203	268			
March.....								1,674	1,642	478	1,164	315	639	200	247	167	307			
April.....	4,330	1,860	160	300	90	760	1,160	1,594	1,544	436	1,108	313	579	202	232	153	292			
May.....								1,819	1,778	444	1,334	358	744	208	268	155	352			
June.....								1,859	1,825	557	1,288	368	667	203	275	195	335			
July.....	4,700	2,050	180	290	120	820	1,240	2,356	2,343	1,058	1,285	351	701	214	353	371	339			
August.....								2,551	2,543	1,182	1,361	323	792	229	383	414	359			
September.....								2,913	2,906	1,452	1,454	305	883	248	437	509	384			
October.....	5,830	2,790	200	320	140	940	1,440	3,584	3,572	2,038	1,534	301	950	268	538	715	405			
November.....								3,277	3,261	1,781	1,480	276	870	319	484	608	391			
December.....								2,692	2,672	1,216	1,456	282	827	329	402	426	384			
Monthly average.....	4,640	2,055	170	285	110	793	1,230	2,349	2,327	1,027	1,300	313	742	228	350	358	343			

GENERAL BUSINESS INDICATORS—FARM MARKETINGS AND INDUSTRIAL PRODUCTION

YEAR AND MONTH	FARM MARKETINGS ¹			INDUSTRIAL PRODUCTION ²										
	Indexes of physical volume— unadjusted for seasonal variation			Indexes—unadjusted for seasonal variation										
				Manufactures										
	Total	Crops	Livestock and products	Total	Total	Durable manufactures						Nonferrous metals and products		
						Total	Iron and steel ³	Lumber and products			Machin- ery ³			
	Total	Furni- ture ³	Lumber	Total	Fabri- cating ³			Smelting and refining						
1935-39 = 100														
1935 monthly average...	88	84	92	87	87	83	81	85	83	86	83	80	.....	76
1936 monthly average...	96	90	100	103	104	108	114	105	106	105	105	104	.....	99
1937 monthly average...	101	105	98	113	113	122	123	113	117	111	126	122	.....	125
1938 monthly average...	105	108	102	89	87	78	68	90	87	92	82	80	.....	89
1939 monthly average...	109	111	108	109	109	109	114	106	107	106	104	113	113	113
1940 monthly average...	112	109	114	125	126	139	147	116	118	115	136	139	140	139
1941 monthly average...	116	113	118	162	168	201	186	134	145	129	221	191	202	163
1942 monthly average...	127	120	132	199	212	279	199	134	142	130	340	214	218	205
1943 monthly average...	135	120	146	239	258	360	208	129	149	119	443	267	263	277
1944 monthly average...	139	123	151	235	252	353	206	125	144	115	439	259	265	247
1945 monthly average...	140	127	150	203	214	274	183	109	133	98	343	204	216	173
1946 monthly average...	141	135	145	170	177	192	150	131	147	122	240	157	163	140
1947														
January.....	154	171	143	185	192	218	193	126	161	107	277	203	211	184
February.....	123	123	123	185	193	220	192	135	167	118	277	208	215	190
March.....	119	95	134	187	195	223	197	140	166	126	281	202	205	196
April.....	111	63	143	185	193	222	196	143	161	134	276	197	195	203
May.....	117	65	151	185	191	219	198	145	158	138	273	187	183	198
June.....	128	94	150	185	191	220	194	149	160	143	275	179	176	187
July.....	158	176	147	178	184	209	182	141	155	133	266	171	167	180
August.....	159	196	135	185	191	212	189	151	160	147	267	170	167	180
September.....	176	222	146	190	196	218	190	150	164	143	276	174	171	182
October.....	200	261	160	194	200	224	205	150	172	138	280	179	180	176
November.....	163	168	160	193	200	224	203	148	176	133	281	185	188	178
December.....	139	122	151	190	197	228	206	140	181	119	288	189	192	183
Monthly average.....	146	146	145	187	194	220	195	143	165	132	276	187	188	186
1948														
January.....	129	127	131	189	197	226	203	138	179	117	285	195	198	188
February.....	96	74	114	190	197	224	203	137	178	116	284	199	202	190
March.....	104	75	126	188	197	228	207	143	178	125	283	201	204	193
April.....	111	77	137	186	193	217	177	144	169	131	275	200	199	203
May.....	116	77	145	192	197	222	208	144	163	134	273	196	194	203
June.....	135	114	151	193	199	223	208	148	161	141	277	193	193	193
July.....	146	162	133	187	193	220	201	151	157	148	269	185	184	187
August.....	149	173	131	194	200	224	207	158	163	156	271	186	185	190
September.....	171	218	135	197	203	227	214	153	165	147	273	192	192	193
October.....	213	300	147	199	205	232	221	154	170	145	277	192	192	191
November.....	177	213	149	195	202	229	224	142	169	128	276	188	192	176
December.....	154	176	138	190	197	229	223	132	168	113	277	184	185	183
Monthly average.....	142	149	136	192	198	225	208	145	168	134	277	193	193	191
1949														
January.....	138	146	132	187	195	225	228	118	154	100	268	183	182	186
February.....	108	91	120	185	193	223	232	115	154	96	262	185	180	200
March.....	119	93	139	181	190	221	233	124	150	110	252	183	172	210
April.....	113	76	141	177	183	212	219	126	144	116	240	167	151	209
May.....	124	87	151	174	179	202	204	129	139	124	232	145	123	200
June.....	136	117	150	170	176	195	177	129	139	124	225	133	108	192
July.....	150	167	137	163	169	186	156	121	136	113	217	127	105	179
August.....	171	204	146	174	181	194	178	134	148	126	216	141	128	174
September.....	188	241	148	178	188	200	179	141	158	132	224	157	150	175
October.....	212	276	164	169	179	176	102	138	165	125	226	164	162	167
November.....	184	216	159	174	180	181	145	144	163	134	217	164	161	170
December.....	165	187	149	178	186	201	201	145	170	132	227	167	163	175
Monthly average.....	151	158	145	176	183	202	188	130	152	119	234	160	149	186
1950														
January.....	154	168	143	179	189	206	203	130	166	111	229	180	176	191
February.....	109	92	123	177	188	204	201	138	173	119	236	190	184	202
March.....	112	72	142	183	191	210	205	147	176	133	243	201	197	208
April.....	104	59	139	188	197	221	222	158	175	150	251	198	194	207
May.....	117	61	159	195	203	232	226	162	175	155	258	197	192	208
June.....	120	77	153	200	209	238	231	166	178	160	262	206	202	218
July.....	143	144	142	198	207	237	228	161	174	155	265	202	199	207
August.....	154	170	142	212	221	249	236	177	192	170	279	212	212	212
September.....	167	194	147	216	224	253	245	179	196	170	283	216	219	209
October.....	201	259	158	220	229	263	253	176	198	165	303	223	225	217
November.....	172	192	157	215	226	260	246	168	197	153	311	226	228	221
December.....	149	146	151	216	227	266	253	158	195	140	321	227	230	219
Monthly average.....	142	136	146	200	209	237	229	160	183	148	270	206	205	210

For footnotes giving source of data and description of series, see pp. 195, 196.

GENERAL BUSINESS INDICATORS—INDUSTRIAL PRODUCTION—Continued

YEAR AND MONTH	INDEXES—UNADJUSTED FOR SEASONAL VARIATION ¹												
	Durable manufactures						Nondurable manufactures						
	Stone, clay, and glass products				Transportation equipment ²		Total	Alcoholic beverages	Chemical products		Leather and products		
	Total	Cement	Clay products	Glass containers	Total	Automobiles, including parts ³			Total	Industrial chemicals ²	Total	Leather tanning	Shoes ²
1935-39 = 100													
1935 monthly average...	77	72	.....	86	93	104	90	89	89	.....	99	105	95
1936 monthly average...	103	105	.....	98	110	114	100	109	99	.....	103	104	102
1937 monthly average...	114	109	.....	114	123	121	106	108	112	.....	102	103	102
1938 monthly average...	92	99	.....	93	72	67	95	96	96	.....	93	87	96
1939 monthly average...	114	114	116	110	103	94	109	98	112	120	105	103	105
1940 monthly average...	124	122	122	116	145	118	115	101	130	153	98	95	100
1941 monthly average...	162	154	161	151	245	152	142	117	175	210	123	123	123
1942 monthly average...	168	172	154	169	464	155	158	118	278	286	122	128	119
1943 monthly average...	173	125	134	199	735	222	176	117	384	367	114	113	114
1944 monthly average...	164	85	123	214	719	231	171	144	324	404	113	111	114
1945 monthly average...	163	97	119	226	487	180	166	178	284	392	117	113	119
1946 monthly average...	192	154	148	248	232	159	165	191	236	394	122	109	131
1947													
January.....	208	148	156	273	229	181	171	206	250	430	116	113	118
February.....	205	154	156	255	233	190	171	195	252	429	123	127	121
March.....	209	157	159	269	239	197	171	187	254	431	121	121	121
April.....	208	166	160	263	237	193	169	182	253	433	115	118	113
May.....	206	148	162	269	225	179	169	167	252	435	113	119	109
June.....	209	183	163	254	233	191	168	178	247	439	106	112	103
July.....	196	181	160	225	217	185	164	182	247	438	99	100	97
August.....	207	193	166	241	213	180	173	181	245	431	116	114	117
September.....	210	198	166	248	227	197	178	206	248	425	121	118	123
October.....	210	202	169	236	232	198	181	252	251	427	126	123	128
November.....	206	192	169	231	234	200	180	196	252	431	126	126	126
December.....	200	178	172	203	244	206	171	146	255	438	113	112	114
Monthly average.....	206	175	163	247	230	191	172	190	251	432	116	117	116
1948													
January.....	190	161	166	196	244	206	173	142	253	437	120	117	122
February.....	193	158	160	201	232	192	176	176	253	434	126	124	127
March.....	201	160	169	219	240	202	173	172	252	433	114	101	123
April.....	208	183	168	227	237	197	174	178	251	439	110	105	113
May.....	211	196	171	233	218	179	177	173	249	436	108	109	107
June.....	209	203	175	206	222	185	179	186	253	449	108	104	110
July.....	201	207	168	198	233	202	171	188	247	433	94	91	96
August.....	218	210	180	227	230	198	180	184	256	450	112	103	119
September.....	216	213	175	231	231	197	185	195	257	448	118	106	126
October.....	220	214	180	230	243	209	183	203	258	446	114	109	117
November.....	208	211	178	191	238	203	179	212	258	449	104	103	104
December.....	199	193	178	171	246	208	171	174	258	450	99	102	97
Monthly average.....	206	193	173	212	235	198	177	182	254	442	111	106	114
1949													
January.....	192	169	166	185	244	209	170	153	255	447	108	104	111
February.....	187	168	166	179	241	206	168	159	251	435	116	115	117
March.....	185	171	163	178	240	204	164	173	248	427	113	99	123
April.....	186	202	160	179	235	203	159	163	239	417	106	96	113
May.....	190	206	156	202	220	184	160	182	233	406	101	95	105
June.....	188	209	151	204	240	211	161	190	230	404	104	95	110
July.....	187	209	140	214	249	225	156	188	225	392	94	80	104
August.....	190	207	149	212	246	225	170	179	226	388	110	90	123
September.....	191	219	151	199	252	231	178	179	238	405	114	98	125
October.....	193	211	154	210	238	216	181	180	245	414	108	99	115
November.....	188	206	153	195	206	175	178	171	247	417	98	95	101
December.....	181	187	154	177	211	181	175	151	249	422	101	99	103
Monthly average.....	188	197	155	195	235	206	168	172	241	414	106	97	113
1950													
January.....	179	168	147	202	242	224	175	143	249	419	108	96	116
February.....	179	160	150	201	210	182	176	143	250	424	118	109	124
March.....	180	157	151	201	214	189	177	162	250	428	115	97	128
April.....	197	207	154	222	226	204	178	168	253	434	110	101	115
May.....	209	221	160	238	262	249	180	177	255	443	101	94	106
June.....	212	229	160	232	277	268	184	202	258	451	104	100	107
July.....	214	229	162	234	272	262	182	219	259	453	99	87	107
August.....	221	242	172	223	287	273	198	237	265	458	119	106	128
September.....	223	239	175	229	284	265	201	217	272	465	123	109	133
October.....	240	249	177	269	291	271	201	205	282	488	115	107	121
November.....	233	231	182	250	278	249	197	195	284	497	111	111	110
December.....	227	211	178	246	292	260	196	189	288	504	107	106	109
Monthly average.....	209	212	164	228	261	241	187	188	264	455	111	102	116

For footnotes giving source of data and description of series, see p. 196.

GENERAL BUSINESS INDICATORS—INDUSTRIAL PRODUCTION—Continued

YEAR AND MONTH	INDEXES—UNADJUSTED FOR SEASONAL VARIATION ¹															
	Nondurable manufactures															
	Manufactured food products				Paper and products		Petroleum and coal products ²			Printing and publishing	Rubber product ²	Textiles and products ²				Tobacco products
	Total	Dairy products	Meat packing	Pro-cessed fruits and veg-g-tables	Total	Paper and pulp	Total	Coke	Gasoline			Total	Cotton con-sump-tion	Rayon deliv-eries	Wool tex-tiles	
1935-39 = 100																
1935 monthly average ..	89	87	86	.....	86	86	85	84	86	89	93	84	81	107	90	
1936 monthly average ..	98	97	105	.....	98	98	97	110	94	99	107	104	106	97	107	
1937 monthly average ..	103	103	94	.....	107	107	108	124	105	109	104	106	111	97	103	
1938 monthly average ..	101	106	103	.....	95	95	100	77	104	96	83	85	88	91	76	
1939 monthly average ..	108	108	112	107	114	113	110	105	112	106	113	112	110	128	108	
1940 monthly average ..	113	114	125	109	123	124	120	135	112	112	123	114	120	138	106	
1941 monthly average ..	127	131	129	135	150	148	135	152	126	127	163	152	158	166	160	
1942 monthly average ..	134	145	148	126	142	143	147	164	110	115	172	157	171	173	156	
1943 monthly average ..	145	139	165	129	139	137	185	167	111	111	228	153	159	183	154	
1944 monthly average ..	152	144	177	134	139	135	247	172	135	101	234	148	145	196	149	
1945 monthly average ..	150	141	143	132	139	135	236	157	145	108	215	146	137	219	143	
1946 monthly average ..	149	131	130	158	145	141	173	136	140	127	225	162	147	245	171	
1947																
January.....	148	95	191	102	156	150	180	171	142	133	247	172	161	263	171	
February.....	140	107	152	86	157	151	185	172	143	138	246	173	161	262	178	
March.....	140	127	138	83	159	154	185	172	142	145	239	172	160	270	172	
April.....	144	161	139	88	156	150	179	166	139	144	234	166	154	270	159	
May.....	148	202	151	90	161	155	184	168	145	145	220	164	148	271	161	
June.....	154	229	150	101	160	155	191	165	154	146	216	155	133	263	155	
July.....	166	229	146	173	145	140	195	161	157	130	207	142	118	263	130	
August.....	178	192	127	263	158	152	201	171	163	139	210	154	130	267	156	
September.....	182	156	136	290	159	153	203	170	162	145	217	160	130	278	168	
October.....	167	121	144	173	163	157	204	177	162	156	223	164	139	280	167	
November.....	161	91	189	118	165	160	205	177	159	158	225	172	149	290	172	
December.....	154	88	187	108	157	152	208	179	160	150	230	163	131	287	166	
Monthly average.....	157	150	154	140	158	152	193	171	152	144	226	163	143	272	163	
1948																
January.....	146	87	175	92	163	158	214	178	159	144	223	179	153	300	181	
February.....	144	99	141	91	163	159	215	179	155	155	215	179	153	296	185	
March.....	141	119	121	85	167	160	211	166	154	153	205	175	147	303	177	
April.....	143	155	116	90	169	163	213	137	164	159	200	175	147	298	179	
May.....	153	201	127	97	170	164	220	174	170	159	201	177	147	308	179	
June.....	163	224	151	122	165	160	220	175	173	156	205	174	140	313	176	
July.....	172	223	126	184	149	145	217	170	170	137	200	154	115	324	137	
August.....	174	198	111	203	165	160	221	178	173	147	207	166	127	318	168	
September.....	188	158	124	317	166	160	207	181	165	155	205	168	132	322	166	
October.....	173	122	142	197	172	167	217	181	170	167	205	167	129	319	168	
November.....	161	95	173	129	170	163	227	183	174	163	203	164	122	322	162	
December.....	153	92	181	111	153	149	231	184	179	158	200	156	114	317	151	
Monthly average.....	159	148	141	143	164	159	218	174	168	154	206	170	136	312	169	
1949																
January.....	148	92	179	90	163	158	228	184	174	149	193	160	123	313	150	
February.....	146	104	149	86	158	154	221	185	170	152	188	157	125	305	143	
March.....	145	124	141	85	151	148	213	178	169	156	182	142	120	275	122	
April.....	148	160	134	94	146	142	209	182	170	157	177	129	111	240	112	
May.....	156	203	138	102	144	139	207	175	177	158	178	123	103	214	118	
June.....	165	223	139	133	143	138	202	159	177	148	178	126	105	217	120	
July.....	172	222	140	181	128	125	198	139	178	133	175	120	87	238	109	
August.....	189	197	134	287	155	148	203	146	177	143	178	140	111	259	134	
September.....	190	159	145	267	169	160	208	145	179	159	174	155	127	294	139	
October.....	177	121	155	193	176	168	198	49	180	169	192	169	134	318	161	
November.....	162	97	172	123	177	168	205	102	177	167	187	175	138	340	158	
December.....	156	96	186	103	167	160	219	158	180	162	193	173	134	350	151	
Monthly average.....	163	150	151	145	156	151	209	150	176	155	183	147	118	280	135	
1950																
January.....	149	95	183	92	178	171	211	154	176	157	194	178	144	355	154	
February.....	146	107	144	86	179	172	205	124	174	166	195	179	144	357	159	
March.....	148	128	148	83	179	173	207	146	173	172	197	173	138	350	152	
April.....	150	159	145	90	182	175	206	174	171	174	203	174	139	348	154	
May.....	157	199	144	98	181	173	216	175	181	169	213	175	140	347	157	
June.....	164	226	146	122	185	178	222	177	188	169	221	173	132	348	161	
July.....	178	223	141	191	172	166	229	176	194	150	222	165	123	361	134	
August.....	189	195	134	254	191	181	238	176	200	161	236	189	155	366	172	
September.....	190	156	152	276	194	184	243	178	195	172	244	191	152	380	171	
October.....	173	119	158	190	202	193	251	183	196	183	250	197	162	374	180	
November.....	163	94	184	137	201	191	253	178	195	182	250	193	158	381	164	
December.....	161	90	203	111	197	188	263	182	197	179	251	194	158	397	160	
Monthly average.....	164	149	157	144	187	179	229	169	187	170	223	182	145	364	160	

For footnotes giving source of data and description of series, see p. 196.

GENERAL BUSINESS INDICATORS—INDUSTRIAL PRODUCTION—Continued

YEAR AND MONTH	INDEXES—UNADJUSTED FOR SEASONAL VARIATION ¹						INDEXES—ADJUSTED FOR SEASONAL VARIATION ¹									
	Minerals						Manufactures									
	Total	Fuels ²				Metals	Total	Total	Total	Durable manufactures						
		Total	Anthra- cite	Bitumi- nous coal	Crude petro- leum					Lumber and products		Nonferrous metals		Stone, clay, and glass products		
										Total	Lumber	Total	Smelting and refining	Total	Cement	
1935-39 = 100																
1935 monthly average...	86	89	102	94	35	73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average...	99	99	107	110	94	102	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average...	112	109	101	112	109	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average...	97	99	90	88	104	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average...	106	105	101	99	108	113	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average...	117	114	101	116	116	134	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average...	125	122	110	129	120	149	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1942 monthly average...	129	125	117	145	118	148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1943 monthly average...	132	132	118	147	128	126	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1944 monthly average...	140	145	126	156	143	113	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1945 monthly average...	137	143	107	144	146	101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1946 monthly average...	134	142	119	133	148	88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1947																
January.....	141	151	118	173	146	81	189	196	221	142	131	203	184	219	152	.....
February.....	141	150	107	162	150	84	189	197	223	147	137	208	190	219	203	.....
March.....	143	153	113	163	153	83	190	198	225	147	138	202	195	218	192	.....
April.....	139	144	102	127	155	112	187	195	222	144	135	197	203	211	175	.....
May.....	153	156	104	165	157	140	185	192	218	142	134	187	198	200	141	.....
June.....	152	153	110	147	159	148	184	191	219	142	133	179	188	207	171	.....
July.....	145	144	93	117	160	151	176	183	208	133	121	171	181	195	164	.....
August.....	155	155	114	151	161	151	182	188	211	142	133	170	180	199	171	.....
September.....	158	160	122	161	164	145	186	192	216	140	128	174	182	202	171	.....
October.....	158	162	126	163	166	132	191	197	223	143	128	179	176	201	174	.....
November.....	155	163	119	169	165	106	192	199	224	150	137	185	177	201	178	.....
December.....	151	162	111	164	166	85	192	198	230	153	139	189	183	205	196	.....
Monthly average.....	149	155	112	155	159	118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948																
January.....	149	160	112	161	165	81	193	201	229	155	143	195	188	202	199	.....
February.....	149	161	118	155	167	83	194	201	226	150	135	199	190	207	208	.....
March.....	136	146	108	97	169	82	191	200	229	151	137	201	192	211	196	.....
April.....	145	149	105	102	171	126	188	195	217	145	132	200	203	211	193	.....
May.....	164	168	116	171	172	144	192	197	221	142	131	196	203	206	187	.....
June.....	163	164	105	157	173	153	192	198	222	140	129	194	194	207	190	.....
July.....	158	160	100	143	172	147	186	192	219	142	135	185	188	200	188	.....
August.....	164	166	117	158	174	149	191	197	223	148	140	186	190	210	186	.....
September.....	160	162	119	156	170	148	192	199	225	143	132	192	193	207	183	.....
October.....	161	166	118	152	176	132	195	202	231	147	135	192	191	210	184	.....
November.....	160	167	116	155	177	114	195	201	229	145	133	187	175	203	195	.....
December.....	151	164	103	145	177	77	192	199	231	143	131	184	183	205	212	.....
Monthly average.....	155	161	112	147	172	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949																
January.....	143	156	88	145	167	68	191	198	227	129	117	183	186	204	208	.....
February.....	143	155	74	142	168	76	189	196	225	123	107	185	200	202	222	.....
March.....	131	137	52	93	163	93	184	193	223	129	119	183	210	195	208	.....
April.....	146	148	88	144	156	134	179	184	212	126	118	167	209	189	213	.....
May.....	148	149	105	144	155	142	174	179	201	126	120	145	200	185	196	.....
June.....	137	135	78	104	153	150	169	175	194	123	114	133	193	186	195	.....
July.....	128	126	93	80	147	140	161	168	185	115	104	127	180	185	190	.....
August.....	134	134	82	108	149	135	170	178	193	126	115	141	174	183	183	.....
September.....	123	122	50	60	154	128	174	184	199	132	119	157	175	183	189	.....
October.....	112	120	118	31	156	63	166	176	175	133	116	164	167	184	182	.....
November.....	141	152	117	133	163	76	173	179	181	147	139	163	169	183	191	.....
December.....	128	136	63	103	157	81	179	188	203	159	153	166	174	187	206	.....
Monthly average.....	135	139	84	107	157	107	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950																
January.....	125	133	69	96	154	80	183	192	209	144	132	180	191	190	207	.....
February.....	113	118	65	38	155	81	180	192	207	150	138	190	202	192	211	.....
March.....	139	148	108	149	152	83	187	194	211	156	145	200	208	186	192	.....
April.....	138	147	83	143	155	87	190	199	222	159	150	196	207	200	218	.....
May.....	147	148	97	131	160	140	195	204	231	158	149	197	208	203	210	.....
June.....	155	155	96	136	168	155	199	208	237	155	144	207	219	210	214	.....
July.....	149	148	68	109	171	158	196	206	235	151	140	202	208	212	208	.....
August.....	163	162	97	142	177	170	209	218	247	165	151	212	212	212	214	.....
September.....	168	167	92	144	184	171	211	220	251	166	150	216	209	215	206	.....
October.....	169	170	102	151	184	161	216	225	261	166	150	223	217	229	214	.....
November.....	159	165	84	138	184	124	215	224	260	169	155	226	221	227	214	.....
December.....	153	163	80	143	178	93	218	229	268	173	162	227	218	235	232	.....
Monthly average.....	148	152	87	127	168	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 196.

GENERAL BUSINESS INDICATORS—INDUSTRIAL PRODUCTION—Continued

YEAR AND MONTH	INDEXES—ADJUSTED FOR SEASONAL VARIATION ¹												
	Durable manufactures		Nondurable manufactures										
	Stone, clay, and glass products		Total	Alcoholic beverages	Chemical products	Leather and products		Manufactured food products				Paper and products	
	Clay products	Glass containers				Total	Leather tanning	Total	Dairy products	Meat packing	Processed fruits and vegetables	Total	Paper and pulp
1935-39 = 100													
1935 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1942 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1943 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1944 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1945 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1946 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1947													
January.....	168	278	176	241	251	116	113	161	148	163	157	156	150
February.....	164	263	176	223	251	120	118	156	149	159	137	157	151
March.....	165	269	175	208	251	122	122	157	153	149	151	159	154
April.....	164	263	172	189	251	116	119	158	154	150	145	156	150
May.....	162	251	170	162	253	113	119	155	152	151	138	161	155
June.....	164	257	168	159	250	107	114	154	155	152	132	160	155
July.....	160	235	163	164	251	101	106	155	157	156	133	146	140
August.....	162	231	169	176	249	116	115	157	147	145	138	158	153
September.....	160	243	172	198	248	122	120	158	148	146	149	159	153
October.....	161	229	176	229	248	126	121	156	147	142	134	163	157
November.....	162	229	179	219	251	124	122	158	140	170	129	165	160
December.....	166	218	173	167	254	114	113	158	138	160	138	158	153
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948													
January.....	179	200	178	167	255	120	116	158	139	150	141	164	158
February.....	168	208	180	198	252	123	116	160	139	147	144	163	158
March.....	176	219	177	191	250	115	102	158	145	131	155	167	160
April.....	173	227	177	182	249	110	105	157	149	125	147	169	163
May.....	172	218	178	167	249	108	109	159	151	127	150	170	164
June.....	176	208	179	170	256	109	107	163	152	152	159	165	160
July.....	168	206	169	173	251	96	95	160	152	135	142	150	146
August.....	175	218	177	179	259	113	105	156	154	126	107	165	161
September.....	169	226	178	189	257	119	108	163	150	133	162	166	160
October.....	171	224	179	186	255	113	108	161	148	141	152	172	167
November.....	172	189	178	217	257	102	100	159	144	155	140	169	163
December.....	173	184	173	197	257	100	103	158	144	154	142	153	150
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949													
January.....	180	189	175	181	257	108	103	160	144	152	138	163	158
February.....	176	184	173	177	250	113	107	162	145	156	136	158	154
March.....	171	178	168	187	245	113	99	162	150	153	154	151	147
April.....	164	179	162	164	237	106	96	162	154	145	155	146	141
May.....	157	189	161	174	234	101	95	163	153	137	156	144	139
June.....	152	206	161	169	233	105	97	165	151	141	173	143	138
July.....	140	223	154	165	228	96	84	161	151	150	139	129	126
August.....	145	204	165	172	229	110	91	166	152	153	151	155	148
September.....	146	195	172	174	236	115	100	167	151	158	137	169	160
October.....	146	204	177	167	240	108	98	165	146	155	149	176	168
November.....	147	193	177	187	243	97	92	160	147	154	134	177	168
December.....	150	190	176	173	245	101	99	160	148	157	132	167	160
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950													
January.....	158	206	179	169	248	108	95	161	148	154	142	179	171
February.....	157	207	180	159	247	115	102	161	149	151	136	178	171
March.....	158	201	181	175	247	116	98	165	154	160	152	179	172
April.....	158	222	180	169	252	110	101	164	153	157	148	181	174
May.....	160	223	181	172	256	101	95	164	150	144	150	180	173
June.....	161	234	184	184	261	105	102	164	153	147	158	185	177
July.....	161	244	181	206	263	101	91	167	152	151	147	173	166
August.....	167	215	195	248	269	120	108	168	150	155	134	191	181
September.....	169	225	194	203	271	124	111	167	148	168	142	194	185
October.....	168	262	196	182	277	115	106	162	145	158	147	202	193
November.....	175	247	195	207	280	109	108	161	143	165	149	201	191
December.....	173	265	197	208	284	108	106	165	141	171	142	197	189
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 196.

GENERAL BUSINESS INDICATORS—INDUSTRIAL PRODUCTION AND BUSINESS SALES

YEAR AND MONTH	INDUSTRIAL PRODUCTION ¹				BUSINESS SALES—ADJUSTED FOR SEASONAL VARIATION ²									
	Adjusted for seasonal variation				Total business sales	Manufacturing ³			Wholesale trade ⁴			Retail trade ⁵		
	Nondurable manufactures		Minerals			Total	Durable-goods industries	Non-durable-goods industries	Total	Durable-goods establishments	Non-durable-goods establishments	Total	Durable-goods stores	Non-durable-goods stores
	Printing and publishing	Tobacco products	Total	Metals										
1935-39 = 100				Billions of dollars										
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ⁶..	.....	.....	.....	.....	11.1	5.1	1.9	3.2	2.5	0.6	1.9	3.5	0.9	2.6
1940 monthly average ⁶..	.....	.....	.....	.....	12.5	5.9	2.4	3.5	2.8	.7	2.1	3.9	1.0	2.8
1941 monthly average ⁶..	.....	.....	.....	.....	16.4	8.2	3.7	4.5	3.6	1.0	2.6	4.6	1.3	3.3
1942 monthly average ⁶..	.....	.....	.....	.....	19.2	10.4	5.0	5.4	4.0	.9	3.2	4.8	.9	3.9
1943 monthly average ⁶..	.....	.....	.....	.....	22.4	12.8	6.6	6.2	4.3	.8	3.5	5.3	.8	4.5
1944 monthly average ⁶..	.....	.....	.....	.....	24.1	13.8	7.0	6.7	4.6	.8	3.7	5.7	.9	4.9
1945 monthly average ⁶..	.....	.....	.....	.....	24.2	12.9	6.0	6.8	5.0	.9	4.1	6.3	1.0	5.3
1946 monthly average ⁶..	.....	.....	.....	.....	27.6	12.6	4.8	7.9	6.6	1.4	5.2	8.4	1.9	6.5
1947														
January.....	138	158	146	117	31.7	14.9	6.0	8.9	7.6	1.7	5.9	9.2	2.4	6.8
February.....	140	168	146	122	32.0	15.0	6.0	9.0	7.6	1.8	5.8	9.4	2.5	6.9
March.....	142	158	148	117	32.3	15.3	6.1	9.2	7.5	1.8	5.7	9.5	2.5	7.0
April.....	141	160	143	136	32.7	15.6	6.4	9.2	7.4	1.8	5.6	9.7	2.6	7.1
May.....	142	142	151	124	33.2	15.9	6.5	9.4	7.5	1.9	5.6	9.8	2.5	7.2
June.....	146	159	148	122	33.1	15.7	6.4	9.4	7.5	1.8	5.7	9.8	2.6	7.2
July.....	139	156	140	117	33.6	16.0	6.4	9.6	7.7	1.8	5.9	9.9	2.6	7.3
August.....	145	160	150	117	33.0	15.7	6.3	9.4	7.4	1.8	5.6	9.9	2.6	7.2
September.....	144	163	153	111	34.7	16.5	6.7	9.8	8.0	1.9	6.1	10.3	2.9	7.4
October.....	152	175	155	107	35.7	17.0	7.0	10.0	8.4	2.0	6.4	10.3	2.9	7.4
November.....	152	169	155	109	34.9	16.4	6.7	9.7	8.0	2.0	6.1	10.5	2.9	7.6
December.....	146	149	156	117	35.9	17.1	7.1	10.0	8.2	2.0	6.2	10.6	3.0	7.6
Monthly average ⁶....	.....	.....	.....	.....	33.6	15.9	6.5	9.4	7.8	1.9	5.9	9.9	2.7	7.2
1948														
January.....	148	153	154	117	36.1	17.1	6.8	10.3	8.4	2.0	6.4	10.6	3.0	7.6
February.....	157	155	155	120	36.1	17.3	7.1	10.3	8.1	2.0	6.2	10.6	3.0	7.6
March.....	150	164	142	118	36.9	17.6	7.3	10.3	8.4	2.1	6.3	10.8	3.2	7.6
April.....	154	163	147	137	36.8	17.4	7.1	10.3	8.4	2.1	6.3	11.0	3.2	7.7
May.....	156	163	162	128	36.3	17.4	7.1	10.3	8.2	2.1	6.1	10.6	2.9	7.7
June.....	157	166	159	128	37.7	18.2	7.5	10.7	8.7	2.2	6.5	10.9	3.1	7.7
July.....	147	148	153	113	37.4	17.9	7.3	10.6	8.6	2.2	6.5	10.9	3.2	7.7
August.....	155	178	159	115	38.1	18.5	7.6	10.9	8.5	2.3	6.3	11.0	3.4	7.7
September.....	154	168	156	119	38.2	18.7	7.9	10.9	8.5	2.3	6.2	11.0	3.3	7.7
October.....	164	174	158	113	36.8	17.8	7.5	10.2	8.1	2.1	6.0	10.9	3.2	7.7
November.....	156	170	161	121	37.0	18.0	7.8	10.2	8.2	2.1	6.1	10.8	3.2	7.6
December.....	154	146	156	110	37.0	17.8	7.8	10.0	8.2	2.0	6.1	11.0	3.3	7.7
Monthly average ⁶....	.....	.....	.....	.....	37.0	17.8	7.4	10.4	8.4	2.1	6.2	10.8	3.2	7.7
1949														
January.....	155	159	149	104	35.1	16.8	7.1	9.7	7.7	1.7	6.0	10.6	3.0	7.6
February.....	153	160	149	113	35.4	17.0	7.3	9.7	7.7	1.8	5.9	10.7	3.2	7.5
March.....	153	172	136	129	36.0	17.4	7.4	10.0	7.9	1.9	6.0	10.7	3.3	7.4
April.....	152	162	148	145	34.8	16.6	7.0	9.6	7.4	1.7	5.7	10.8	3.3	7.5
May.....	155	170	145	126	34.8	16.5	6.9	9.6	7.5	1.8	5.7	10.8	3.3	7.4
June.....	149	172	133	124	35.2	16.8	7.2	9.7	7.7	1.8	5.9	10.7	3.3	7.3
July.....	144	146	123	105	33.8	16.0	6.7	9.4	7.2	1.6	5.5	10.5	3.3	7.2
August.....	151	178	129	102	35.9	17.7	7.4	10.3	7.5	1.8	5.7	10.7	3.5	7.2
September.....	159	175	119	98	36.0	17.6	7.3	10.3	7.5	1.9	5.6	10.9	3.5	7.4
October.....	165	165	112	59	33.6	15.8	6.2	9.6	7.1	1.7	5.4	10.7	3.6	7.1
November.....	160	169	141	76	34.4	16.2	6.6	9.6	7.6	1.8	5.8	10.6	3.3	7.3
December.....	159	149	132	106	33.6	15.8	6.5	9.2	7.3	1.7	5.6	10.5	3.1	7.4
Monthly average ⁶....	.....	.....	.....	.....	34.9	16.7	7.0	9.7	7.5	1.8	5.7	10.7	3.3	7.4
1950														
January.....	163	162	130	117	34.2	16.2	6.8	9.4	7.2	1.6	5.6	10.9	3.6	7.3
February.....	168	162	118	118	35.3	16.9	7.1	9.8	7.3	1.7	5.6	11.1	3.7	7.4
March.....	169	176	144	119	36.6	17.8	7.6	10.2	7.7	1.9	5.8	11.1	3.7	7.4
April.....	169	161	140	98	35.6	17.2	7.5	9.7	7.4	1.8	5.6	11.1	3.7	7.4
May.....	166	168	145	125	38.7	19.3	8.6	10.7	8.0	2.1	5.9	11.3	3.9	7.4
June.....	170	170	151	130	39.9	19.8	9.0	10.8	8.4	2.3	6.1	11.7	4.2	7.5
July.....	162	154	144	124	42.0	20.3	8.7	11.6	9.0	2.6	6.5	12.7	4.7	8.0
August.....	169	197	159	136	45.3	23.0	10.1	12.9	9.6	2.9	6.7	12.7	4.7	8.0
September.....	172	172	163	141	42.1	21.2	9.4	11.8	8.9	2.6	6.3	12.1	4.4	7.7
October.....	179	165	166	141	41.8	21.2	9.7	11.6	8.8	2.5	6.3	11.8	4.2	7.6
November.....	174	171	160	130	41.3	21.1	9.7	11.4	8.8	2.4	6.4	11.4	3.7	7.7
December.....	175	153	157	126	42.5	21.3	9.8	11.5	9.0	2.5	6.5	12.2	4.1	8.1
Monthly average ⁶....	.....	.....	.....	.....	39.6	19.6	8.7	10.9	8.4	2.2	6.1	11.7	4.1	7.6

For footnotes giving source of data and description of series, see pp. 196, 197.

GENERAL BUSINESS INDICATORS—BUSINESS INVENTORIES AND MANUFACTURERS' SALES

YEAR AND MONTH	BUSINESS INVENTORIES, BOOK VALUE, END OF YEAR OR MONTH—ADJUSTED FOR SEASONAL VARIATION ¹									MANUFACTURERS' SALES ²									
	Total business inventories	Manufacturing ²			Wholesale trade ³			Retail trade ⁴			Unadjusted ¹		Adjusted ⁵						
		Total	Durable goods industries	Non-durable goods industries	Total	Durable goods establishments	Non-durable goods establishments	Total	Durable goods stores	Non-durable goods stores	Total	Durable goods industries	Non-durable goods industries	Total	Durable goods industries				
Billion of dollars																Millions of dollars			
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
1938 monthly average ⁵ ..	19.2	10.8	4.9	5.9	2.9	0.9	2.0	5.3	1.8	3.5	.....	.....	.....	.....	.....				
1939 monthly average ⁵ ..	20.2	11.5	5.2	6.3	3.2	1.0	2.2	5.5	1.9	3.7	5,112	1,871	3,241	.....	.....				
1940 monthly average ⁵ ..	22.2	12.8	6.1	6.7	3.3	1.1	2.3	6.0	2.2	3.9	5,859	2,395	3,465	.....	.....				
1941 monthly average ⁵ ..	28.8	17.0	8.4	8.6	4.2	1.3	2.9	7.6	2.7	4.9	8,172	3,692	4,480	.....	.....				
1942 monthly average ⁵ ..	31.0	19.3	10.1	9.2	3.9	1.0	2.9	7.9	2.4	5.5	10,430	4,999	5,431	.....	.....				
1943 monthly average ⁵ ..	31.1	20.1	10.8	9.3	3.7	.9	2.8	7.4	1.9	5.5	12,820	6,611	6,210	.....	.....				
1944 monthly average ⁵ ..	30.9	19.5	10.1	9.4	4.0	1.0	3.0	7.4	1.8	5.6	13,782	7,040	6,742	.....	.....				
1945 monthly average ⁵ ..	30.6	18.4	8.5	9.8	4.6	1.2	3.5	7.5	1.9	5.7	12,873	6,042	6,831	.....	.....				
1946 monthly average ⁵ ..	42.4	24.5	11.6	12.9	6.7	2.0	4.6	11.2	3.4	7.8	12,617	4,759	7,858	.....	.....				
1947																			
January.....	43.8	25.3	12.1	13.2	7.0	2.1	4.9	11.5	3.7	7.8	14,759	5,904	8,855	14,940	6,030				
February.....	44.8	25.8	12.3	13.4	7.2	2.2	5.1	11.8	3.9	7.9	14,494	5,795	8,699	15,027	6,049				
March.....	45.9	26.3	12.6	13.7	7.7	2.3	5.4	11.9	4.1	7.9	15,880	6,390	9,490	15,267	6,056				
April.....	46.9	26.9	12.9	14.1	7.8	2.4	5.4	12.1	4.2	7.9	15,609	6,576	9,034	15,582	6,422				
May.....	47.2	27.4	13.1	14.2	7.9	2.5	5.4	11.9	4.2	7.7	15,407	6,384	9,023	15,910	6,518				
June.....	47.8	27.7	13.4	14.3	8.1	2.5	5.5	12.1	4.2	7.9	15,407	6,348	9,058	15,708	6,351				
July.....	48.1	27.8	13.5	14.3	8.2	2.6	5.6	12.1	4.2	7.9	14,706	5,863	8,843	15,985	6,423				
August.....	48.6	28.1	13.7	14.4	8.5	2.6	5.9	12.0	4.2	7.7	15,619	6,200	9,419	15,693	6,279				
September.....	49.0	28.2	13.7	14.5	8.6	2.7	6.0	12.2	4.3	7.8	16,798	6,777	10,021	16,465	6,678				
October.....	49.5	28.4	13.9	14.5	8.6	2.6	6.0	12.5	4.4	8.0	18,336	7,484	10,852	16,998	7,004				
November.....	50.0	28.8	13.9	14.9	8.6	2.6	6.0	12.6	4.5	8.2	16,612	6,624	9,988	16,417	6,722				
December.....	50.8	28.9	13.9	15.0	8.7	2.7	6.0	13.2	4.7	8.5	17,382	7,273	10,109	17,052	7,055				
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,917	6,468	9,449	.....	.....				
1948																			
January.....	51.4	29.0	13.9	15.1	8.7	2.7	6.0	13.7	4.8	8.8	16,932	6,690	10,242	17,109	6,827				
February.....	51.9	29.2	14.0	15.2	8.7	2.7	6.0	14.0	5.0	9.0	16,738	6,783	9,956	17,343	7,074				
March.....	52.4	29.5	14.1	15.4	8.7	2.8	5.9	14.3	5.3	9.0	18,360	7,719	10,642	17,611	7,313				
April.....	52.7	29.8	14.2	15.6	8.8	2.9	5.9	14.2	5.1	9.0	17,445	7,280	10,165	17,443	7,102				
May.....	53.1	30.2	14.3	15.8	8.8	2.9	5.9	14.1	5.1	9.0	16,849	6,978	9,871	17,409	7,123				
June.....	54.0	30.7	14.5	16.2	8.9	3.0	6.0	14.3	5.2	9.1	17,842	7,516	10,327	18,190	7,518				
July.....	54.6	31.0	14.7	16.3	9.2	3.0	6.1	14.4	5.3	9.1	16,480	6,646	9,833	17,857	7,259				
August.....	55.2	31.3	14.8	16.5	9.4	3.1	6.4	14.5	5.3	9.2	18,431	7,494	10,937	18,510	7,586				
September.....	56.2	31.7	14.9	16.8	9.6	3.2	6.4	14.9	5.3	9.5	19,089	7,971	11,119	18,723	7,851				
October.....	56.5	31.8	15.0	16.8	9.7	3.2	6.5	14.9	5.6	9.4	19,116	8,053	11,063	17,770	7,537				
November.....	56.8	32.1	15.3	16.7	9.7	3.3	6.4	15.0	5.6	9.4	18,208	7,715	10,492	18,037	7,834				
December.....	56.8	32.3	15.6	16.7	9.5	3.3	6.2	15.0	5.7	9.2	18,241	8,055	10,186	17,844	7,802				
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,811	7,408	10,403	.....	.....				
1949																			
January.....	56.8	32.6	15.9	16.8	9.5	3.4	6.1	14.7	5.7	8.9	16,565	6,961	9,605	16,786	7,120				
February.....	56.6	32.6	16.0	16.7	9.5	3.4	6.1	14.5	5.7	8.8	16,392	6,966	9,427	17,032	7,290				
March.....	56.4	32.4	15.9	16.6	9.3	3.4	5.9	14.7	5.8	8.9	18,076	7,779	10,296	17,359	7,372				
April.....	56.0	32.2	15.7	16.4	9.3	3.4	5.9	14.5	5.7	8.8	16,577	7,186	9,391	16,609	7,029				
May.....	55.0	31.7	15.4	16.3	9.2	3.3	5.9	14.1	5.4	8.8	15,968	6,750	9,219	16,536	6,901				
June.....	54.4	31.2	15.0	16.2	9.0	3.2	5.8	14.2	5.4	8.8	16,486	7,150	9,336	16,831	7,154				
July.....	53.4	30.4	14.6	15.8	9.1	3.1	6.0	13.9	5.3	8.6	14,842	6,144	8,698	16,044	6,671				
August.....	52.7	29.7	14.1	15.6	9.1	3.0	6.0	13.9	5.3	8.6	17,630	7,288	10,342	17,720	7,387				
September.....	52.9	29.3	13.7	15.6	9.2	3.0	6.2	14.4	5.6	8.8	17,960	7,451	10,510	17,621	7,335				
October.....	52.5	28.9	13.4	15.6	9.1	2.9	6.2	14.5	5.7	8.8	17,019	6,595	10,424	15,798	6,167				
November.....	52.1	28.7	13.2	15.5	9.1	2.9	6.2	14.3	5.5	8.8	16,394	6,534	9,860	16,221	6,631				
December.....	51.6	28.9	13.4	15.5	9.0	2.9	6.1	13.7	5.1	8.6	16,083	6,715	9,369	15,756	6,516				
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,666	6,960	9,706	.....	.....				
1950																			
January.....	52.0	29.0	13.4	15.6	9.0	3.0	6.0	14.0	5.4	8.6	16,005	6,664	9,341	16,216	6,817				
February.....	51.8	29.0	13.5	15.5	9.0	3.0	6.1	13.8	5.2	8.6	16,243	6,790	9,453	16,877	7,103				
March.....	52.5	29.1	13.5	15.6	9.1	3.0	6.1	14.3	5.3	9.0	18,531	8,064	10,467	17,797	7,643				
April.....	52.9	29.4	13.7	15.7	9.4	3.1	6.3	14.1	5.3	8.9	17,184	7,644	9,540	17,206	7,488				
May.....	53.6	29.7	13.8	15.9	9.5	3.2	6.3	14.4	5.4	9.0	18,649	8,413	10,236	19,309	8,605				
June.....	54.2	30.0	13.9	16.1	9.5	3.3	6.2	14.7	5.6	9.1	19,426	9,007	10,418	19,838	9,030				
July.....	53.2	29.8	13.9	15.9	9.3	3.2	6.1	14.1	5.1	9.0	18,682	7,951	10,731	20,269	8,670				
August.....	54.5	29.9	13.9	16.0	9.6	3.0	6.5	15.1	5.5	9.6	22,802	9,929	12,872	22,956	10,060				
September.....	56.4	30.7	14.1	16.7	9.9	3.1	6.8	15.8	5.8	10.0	21,514	9,536	11,979	21,154	9,392				
October.....	58.7	31.8	14.4	17.3	10.2	3.3	6.9	16.7	6.5	10.2	22,832	10,339	12,493	21,246	9,671				
November.....	60.3	33.0	15.1	17.9	10.5	3.5	7.0	16.8	6.6	10.2	21,256	9,586	11,671	21,112	9,730				
December.....	61.6	34.1	15.8	18.3	10.8	3.6	7.2	16.8	6.6	10.1	21,763	10,104	11,659	21,284	9,794				
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,574	8,669	10,905	.....	.....				

For footnotes giving source of data and description of series, see p. 197.

¹Unadjusted for seasonal variation.²Adjusted for seasonal variation.

GENERAL BUSINESS INDICATORS—MANUFACTURERS' SALES, INVENTORIES, AND ORDERS

YEAR AND MONTH	SALES—ADJUSTED FOR SEASONAL VARIATION ¹														
	Durable-goods industries										Nondurable-goods industries				
	Iron, steel, and products	Non-ferrous metals and products	Electrical machinery and equipment	Machinery, except electrical	Motor vehicles and equipment	Transportation equipment, n.e.s.	Lumber and timber basic products	Furniture and finished lumber products	Stone, clay, and glass products	Other durable-goods industries	Total	Food and kindred products	Beverages	Tobacco manufactures	Textile-mill products
	Millions of dollars														
1935 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ² ...	507	144	155	298	298	72	96	115	130	56	3,241	938	154	111	335
1940 monthly average ² ...	640	177	207	391	391	131	115	131	147	64	3,465	981	166	119	364
1941 monthly average ² ...	993	255	314	616	544	326	163	169	199	112	4,480	1,254	203	133	523
1942 monthly average ² ...	1,214	284	379	864	663	853	200	192	202	148	5,431	1,649	245	152	662
1943 monthly average ² ...	1,398	383	478	1,024	1,118	1,338	219	209	208	236	6,210	1,775	300	178	704
1944 monthly average ² ...	1,483	396	592	1,076	1,258	1,334	204	225	205	267	6,742	1,879	348	183	690
1945 monthly average ² ...	1,401	372	525	970	954	931	194	224	209	262	6,831	1,859	400	191	700
1946 monthly average ² ...	1,184	392	472	819	552	251	279	282	265	265	7,858	2,169	430	222	897
1947															
January.....	1,494	446	639	1,110	849	240	339	304	327	284	8,909	2,623	451	241	984
February.....	1,480	455	640	1,116	866	230	353	299	327	282	8,978	2,658	407	246	950
March.....	1,492	463	641	1,113	864	228	358	307	315	275	9,211	2,822	415	243	948
April.....	1,584	490	661	1,143	934	251	392	334	335	297	9,160	2,696	416	230	975
May.....	1,585	488	698	1,146	956	262	414	344	328	297	9,393	2,775	412	236	963
June.....	1,552	472	703	1,118	946	259	380	315	324	281	9,357	2,834	438	239	958
July.....	1,584	474	691	1,115	954	249	383	346	324	302	9,562	2,770	443	244	998
August.....	1,570	444	692	1,108	897	238	395	336	313	287	9,414	2,724	449	229	992
September.....	1,652	471	717	1,136	1,016	267	426	353	335	304	9,788	2,786	421	256	1,030
October.....	1,723	488	749	1,228	1,053	291	439	359	345	328	9,994	2,841	485	239	1,044
November.....	1,681	466	718	1,162	1,015	270	447	344	309	310	9,695	2,832	427	224	1,019
December.....	1,764	473	741	1,194	1,116	258	474	381	342	311	9,998	2,769	474	245	1,110
Monthly average ² ...	1,598	469	692	1,141	956	254	399	335	327	297	9,449	2,758	438	239	998
1948															
January.....	1,716	464	711	1,236	1,033	264	409	354	331	307	10,282	3,017	441	250	1,052
February.....	1,750	472	731	1,307	1,064	289	414	375	342	329	10,269	2,903	421	257	1,122
March.....	1,802	480	752	1,344	1,116	298	436	372	368	346	10,298	2,759	453	272	1,155
April.....	1,722	485	744	1,277	1,080	332	426	356	356	324	10,340	2,872	505	256	1,135
May.....	1,735	498	728	1,259	1,102	332	422	355	372	319	10,285	2,917	455	236	1,160
June.....	1,834	528	748	1,328	1,163	348	479	386	384	320	10,671	3,072	479	258	1,174
July.....	1,801	499	753	1,223	1,140	301	479	350	394	320	10,598	2,978	494	261	1,104
August.....	1,916	529	731	1,303	1,196	330	491	364	394	332	10,924	2,946	535	278	1,161
September.....	2,010	569	787	1,343	1,213	335	493	372	396	334	10,872	2,923	494	266	1,136
October.....	1,952	520	748	1,265	1,229	318	461	353	385	307	10,232	2,844	444	245	1,039
November.....	2,041	532	791	1,300	1,271	359	460	357	402	319	10,204	2,790	448	279	1,060
December.....	2,089	529	770	1,343	1,274	377	410	320	386	304	10,041	2,799	466	259	1,010
Monthly average ² ...	1,866	509	750	1,295	1,158	325	448	360	377	322	10,403	2,889	469	260	1,108
1949															
January.....	1,898	490	716	1,251	1,181	305	348	266	370	294	9,666	2,834	418	263	862
February.....	1,943	486	705	1,278	1,212	345	346	285	387	303	9,742	2,805	413	266	890
March.....	1,922	462	730	1,340	1,213	326	390	318	384	286	9,987	2,789	505	283	900
April.....	1,745	389	700	1,257	1,315	320	394	300	349	260	9,580	2,778	499	255	834
May.....	1,684	360	720	1,222	1,261	307	402	312	379	272	9,635	2,886	546	270	824
June.....	1,709	406	701	1,188	1,412	309	438	326	379	285	9,677	2,865	573	264	872
July.....	1,596	347	637	1,072	1,386	341	378	274	359	281	9,373	2,680	512	257	882
August.....	1,730	438	713	1,126	1,548	347	427	339	404	315	10,333	2,842	539	283	1,009
September.....	1,796	440	759	1,130	1,406	267	454	346	397	338	10,286	2,790	459	271	1,069
October.....	1,123	380	721	1,051	1,195	279	429	328	364	296	9,631	2,685	415	250	994
November.....	1,405	399	736	1,087	1,130	324	475	348	406	321	9,590	2,624	413	272	1,033
December.....	1,704	406	676	1,028	994	319	443	309	358	279	9,240	2,496	439	248	965
Monthly average ² ...	1,683	418	710	1,169	1,270	316	410	313	378	294	9,706	2,736	476	265	928
1950															
January.....	1,718	440	738	1,085	1,220	284	359	290	380	303	9,399	2,637	390	271	926
February.....	1,801	461	745	1,115	1,211	350	408	310	393	308	9,774	2,772	393	263	956
March.....	1,851	464	832	1,254	1,362	297	472	369	405	335	10,154	2,772	473	272	963
April.....	1,884	432	773	1,223	1,333	307	485	360	375	315	9,718	2,753	471	246	896
May.....	2,126	523	878	1,352	1,600	319	570	401	480	356	10,704	3,150	542	274	1,012
June.....	2,191	566	955	1,385	1,710	310	652	404	481	374	10,809	3,136	582	277	1,062
July.....	2,178	558	924	1,374	1,459	315	603	409	469	382	11,599	3,245	573	287	1,206
August.....	2,471	606	1,129	1,554	1,716	410	695	485	540	454	12,896	3,257	649	299	1,544
September.....	2,345	591	1,116	1,458	1,449	379	656	433	513	451	11,762	3,038	448	261	1,354
October.....	2,414	599	1,131	1,512	1,547	401	673	437	542	415	11,574	2,972	434	271	1,293
November.....	2,448	610	1,108	1,544	1,501	402	683	449	566	419	11,382	2,949	390	282	1,290
December.....	2,591	630	1,096	1,579	1,514	396	640	403	519	425	11,490	3,147	468	270	1,264
Monthly average ² ...	2,169	540	955	1,372	1,468	346	572	394	474	379	10,905	2,961	483	273	1,144

For footnotes giving source of data and description of series, see p. 197.

GENERAL BUSINESS INDICATORS—MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued

YEAR AND MONTH	SALES—ADJUSTED FOR SEASONAL VARIATION ¹								INVENTORIES, BOOK VALUE, END OF YEAR OR MONTH—UNADJUSTED ²					
	Nondurable-goods industries								Total	Durable-goods industries	Non-durable-goods industries	By stages of fabrication ²		
	Apparel and related products	Leather and products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber products	Other non-durable-goods industries				Purchased materials	Goods in process	Finished goods
Millions of dollars														
1935 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	10,803	4,864	5,939	.....	.....	.....
1939 monthly average ³ ...	267	110	149	209	362	439	89	79	11,516	5,172	6,344	.....	.....	.....
1940 monthly average ³ ...	286	114	172	223	405	460	96	79	12,873	6,127	6,746	.....	.....	.....
1941 monthly average ³ ...	384	158	236	242	546	552	141	109	17,024	8,352	8,672	.....	.....	.....
1942 monthly average ³ ...	479	191	247	255	606	620	158	165	19,348	10,127	9,221	.....	.....	.....
1943 monthly average ³ ...	539	202	282	295	734	704	244	252	20,171	10,844	9,327	.....	.....	.....
1944 monthly average ³ ...	571	207	302	329	838	816	280	297	19,578	10,145	9,433	.....	.....	.....
1945 monthly average ³ ...	609	215	310	364	844	829	284	226	18,457	8,545	9,912	8,268	4,646	5,544
1946 monthly average ³ ...	788	262	372	454	915	858	262	227	24,620	11,548	13,072	11,201	6,227	7,192
1947														
January.....	752	267	461	531	1,079	1,004	279	237	25,524	12,033	13,491	11,330	6,528	7,665
February.....	797	259	466	539	1,110	1,031	288	226	25,976	12,322	13,653	11,427	6,713	7,836
March.....	796	274	444	544	1,121	1,075	291	239	26,490	12,677	13,814	11,615	6,926	7,950
April.....	765	300	462	541	1,130	1,124	282	240	26,907	12,923	13,984	11,696	7,030	8,181
May.....	846	311	475	542	1,137	1,186	268	242	27,318	13,247	14,072	11,740	7,121	8,458
June.....	779	295	467	543	1,117	1,210	262	215	27,494	13,419	14,075	11,788	7,059	8,648
July.....	869	331	466	557	1,143	1,250	282	210	27,764	13,566	14,197	11,758	7,126	8,879
August.....	878	292	479	542	1,108	1,249	283	191	28,059	13,670	14,389	11,804	7,266	8,989
September.....	872	301	520	553	1,195	1,323	307	225	27,967	13,675	14,292	11,732	7,274	8,962
October.....	889	336	535	505	1,220	1,359	300	241	28,222	13,800	14,422	11,847	7,269	9,106
November.....	828	281	480	512	1,156	1,396	302	237	28,676	13,804	14,872	12,178	7,281	9,216
December.....	890	301	510	546	1,181	1,480	268	223	29,032	13,804	15,228	12,557	7,184	9,291
Monthly average ³	830	294	480	537	1,142	1,224	284	227	.....	.....	.....	.....	.....	.....
1948														
January.....	944	295	517	553	1,185	1,544	262	222	29,260	13,910	15,350	12,378	7,248	9,634
February.....	887	310	512	589	1,179	1,584	256	247	29,426	14,040	15,386	12,381	7,334	9,710
March.....	919	302	510	603	1,204	1,596	261	264	29,683	14,199	15,484	12,516	7,368	9,799
April.....	907	276	492	557	1,222	1,604	277	236	29,766	14,273	15,492	12,411	7,401	9,953
May.....	857	269	478	576	1,239	1,596	265	238	30,154	14,456	15,698	12,389	7,508	10,256
June.....	877	285	497	592	1,269	1,645	291	232	30,540	14,573	15,967	12,647	7,374	10,519
July.....	965	282	487	590	1,246	1,653	321	216	30,993	14,693	16,300	12,848	7,496	10,649
August.....	1,088	303	524	583	1,297	1,684	321	204	31,200	14,748	16,452	12,825	7,693	10,682
September.....	1,062	293	531	602	1,307	1,694	308	258	31,477	14,906	16,571	12,911	7,670	10,896
October.....	883	279	520	524	1,233	1,692	286	244	31,654	14,989	16,665	12,981	7,716	10,957
November.....	893	246	505	540	1,213	1,696	282	252	31,954	15,214	16,740	13,009	7,697	11,248
December.....	805	240	493	584	1,176	1,703	272	235	32,373	15,462	16,911	13,196	7,588	11,589
Monthly average ³	924	282	506	573	1,230	1,641	283	237	.....	.....	.....	.....	.....	.....
1949														
January.....	848	233	465	598	1,146	1,516	252	230	32,886	15,835	17,051	13,240	7,718	11,928
February.....	898	259	461	629	1,134	1,510	244	233	32,873	16,000	16,873	13,072	7,733	12,068
March.....	950	262	453	645	1,152	1,542	253	254	32,622	15,967	16,655	12,716	7,701	12,206
April.....	807	265	427	590	1,105	1,527	249	243	32,051	15,785	16,267	12,302	7,541	12,208
May.....	762	252	412	572	1,154	1,471	241	245	31,606	15,526	16,080	11,901	7,465	12,240
June.....	688	274	422	596	1,155	1,473	260	236	30,993	15,069	15,924	11,506	7,224	12,263
July.....	792	265	402	561	1,096	1,457	265	206	30,368	14,631	15,738	11,324	7,168	11,877
August.....	1,009	314	468	573	1,229	1,544	288	233	29,659	14,124	15,535	11,192	6,874	11,593
September.....	985	285	520	585	1,237	1,561	272	252	29,117	13,691	15,426	11,116	6,695	11,306
October.....	830	261	507	512	1,163	1,528	255	232	28,807	13,328	15,479	11,032	6,548	11,227
November.....	721	244	502	517	1,167	1,589	247	262	28,615	13,109	15,506	10,997	6,412	11,206
December.....	743	228	474	597	1,063	1,518	245	226	29,002	13,329	15,674	11,282	6,380	11,341
Monthly average ³	839	262	459	578	1,149	1,519	256	238	.....	.....	.....	.....	.....	.....
1950														
January.....	804	242	485	600	1,104	1,436	265	240	29,270	13,396	15,874	11,261	6,549	11,460
February.....	835	273	495	654	1,130	1,479	273	250	29,180	13,493	15,687	11,226	6,588	11,365
March.....	851	285	510	649	1,250	1,550	293	287	29,188	13,584	15,604	11,156	6,676	11,357
April.....	753	264	468	582	1,189	1,565	288	244	29,232	13,704	15,528	11,049	6,778	11,405
May.....	748	290	513	606	1,334	1,624	321	290	29,507	13,883	15,624	11,092	6,851	11,564
June.....	663	317	538	602	1,383	1,668	350	231	29,814	13,974	15,840	11,201	6,828	11,785
July.....	962	349	528	596	1,442	1,738	454	221	29,796	13,928	15,868	11,510	6,998	11,287
August.....	1,256	381	633	615	1,667	1,859	457	280	29,742	13,847	15,894	11,883	7,163	10,696
September.....	955	335	620	633	1,583	1,853	404	280	30,418	14,050	16,368	12,880	7,380	10,658
October.....	976	324	656	581	1,550	1,834	405	278	31,562	14,386	17,176	13,062	7,668	10,833
November.....	839	287	668	576	1,529	1,870	397	304	32,904	14,997	17,907	13,798	7,770	11,336
December.....	778	270	667	585	1,512	1,827	424	278	34,207	15,680	18,528	14,627	8,011	11,570
Monthly average ³	870	301	565	605	1,386	1,691	361	266	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 197.

GENERAL BUSINESS INDICATORS—MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued

YEAR AND MONTH	INVENTORIES, BOOK VALUE, END OF YEAR OR MONTH—ADJUSTED FOR SEASONAL VARIATION ¹														
	Durable-goods industries												Nondurable-goods industries		
	Total	Total	Iron, steel, and products	Non-ferrous metals and products	Electrical machinery and equipment	Machinery, except electrical	Motor vehicles and equipment	Transportation equipment, n.e.s.	Lumber and timber basic products	Furniture and finished lumber products	Stone, clay, and glass products	Other durable-goods industries	Total	Food and kindred products	Beverages
Millions of dollars															
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	10,750	4,864	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,886	.....	.....
1939 monthly average ..	11,465	5,172	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,293	.....	.....
1940 monthly average ..	12,819	6,127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,692	.....	.....
1941 monthly average ..	16,960	8,352	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,608	.....	.....
1942 monthly average ..	19,287	10,127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,160	.....	.....
1943 monthly average ..	20,098	10,844	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,254	.....	.....
1944 monthly average ..	19,507	10,145	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,362	.....	.....
1945 monthly average ..	18,390	8,545	2,117	825	854	1,854	1,106	751	213	348	312	365	9,845	1,750	594
1946 monthly average ..	24,498	11,633	2,445	880	1,523	2,604	1,477	834	372	506	392	600	12,865	2,412	786
1947															
January.....	25,269	12,061	2,530	932	1,589	2,695	1,509	878	395	524	411	599	13,207	2,506	798
February.....	25,757	12,311	2,569	936	1,628	2,734	1,548	918	402	536	432	607	13,446	2,592	828
March.....	26,295	12,595	2,617	946	1,678	2,792	1,594	933	412	547	457	620	13,700	2,639	866
April.....	26,948	12,877	2,676	954	1,733	2,868	1,631	954	422	554	462	621	14,072	2,739	877
May.....	27,386	13,137	2,704	959	1,775	2,937	1,682	990	436	554	475	626	14,249	2,782	915
June.....	27,665	13,386	2,748	965	1,810	2,996	1,717	1,008	449	559	488	647	14,279	2,697	923
July.....	27,813	13,532	2,759	953	1,836	3,054	1,755	1,006	454	567	497	651	14,282	2,697	893
August.....	28,132	13,690	2,794	947	1,839	3,113	1,805	1,034	446	564	495	653	14,442	2,726	867
September.....	28,212	13,709	2,798	944	1,835	3,130	1,816	1,040	457	564	479	648	14,503	2,719	920
October.....	28,380	13,862	2,808	943	1,844	3,176	1,858	1,038	455	590	497	653	14,518	2,760	898
November.....	28,775	13,923	2,826	935	1,834	3,195	1,898	1,020	464	600	502	649	14,852	2,783	909
December.....	28,920	13,898	2,819	934	1,819	3,233	1,817	1,009	501	621	496	650	15,022	2,771	905
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948															
January.....	28,993	13,938	2,835	904	1,815	3,272	1,844	1,020	501	599	493	656	15,055	2,849	906
February.....	29,184	14,020	2,871	918	1,821	3,309	1,855	1,000	523	591	480	652	15,164	2,824	942
March.....	29,490	14,102	2,884	917	1,819	3,348	1,854	1,003	539	601	490	648	15,368	2,820	985
April.....	29,809	14,218	2,906	929	1,812	3,377	1,870	997	552	613	502	659	15,591	2,838	989
May.....	30,182	14,340	2,974	938	1,814	3,414	1,876	976	561	618	505	664	15,842	2,844	1,037
June.....	30,692	14,541	3,052	953	1,832	3,438	1,879	988	598	622	508	672	16,150	2,965	1,034
July.....	31,006	14,657	3,093	959	1,844	3,476	1,875	1,008	600	625	511	666	16,349	2,960	991
August.....	31,279	14,768	3,136	970	1,856	3,488	1,885	977	620	628	541	666	16,511	2,957	974
September.....	31,728	14,939	3,179	990	1,875	3,526	1,914	990	612	627	552	674	16,789	2,977	1,020
October.....	31,834	15,049	3,220	1,002	1,875	3,535	1,929	963	652	621	571	681	16,784	2,899	1,016
November.....	32,068	15,334	3,308	1,006	1,872	3,599	2,020	990	655	620	580	684	16,734	2,878	1,022
December.....	32,276	15,560	3,339	1,046	1,880	3,657	2,073	1,006	648	631	596	684	16,715	2,875	1,024
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949															
January.....	32,635	15,864	3,410	1,022	1,915	3,690	2,150	995	717	653	605	707	16,771	2,876	1,027
February.....	32,646	15,978	3,452	1,037	1,924	3,704	2,174	978	724	665	616	705	16,668	2,857	1,056
March.....	32,445	15,860	3,456	1,048	1,911	3,695	2,159	966	675	655	594	702	16,585	2,886	1,088
April.....	32,164	15,738	3,457	1,073	1,878	3,651	2,106	931	704	644	597	697	16,425	2,907	1,077
May.....	31,733	15,416	3,443	1,052	1,804	3,586	2,026	912	686	634	591	681	16,317	2,860	1,084
June.....	31,218	15,039	3,368	1,055	1,756	3,517	1,961	910	600	622	590	660	16,179	2,872	1,071
July.....	30,408	14,592	3,271	1,027	1,693	3,423	1,905	888	564	607	580	635	15,816	2,692	1,072
August.....	29,743	14,139	3,166	992	1,634	3,346	1,833	842	534	602	560	631	15,604	2,686	1,045
September.....	29,320	13,716	3,051	968	1,550	3,261	1,781	838	510	591	544	624	15,604	2,750	1,062
October.....	28,927	13,377	2,916	956	1,509	3,194	1,715	809	546	576	529	626	15,550	2,799	1,027
November.....	28,665	13,204	2,874	963	1,489	3,152	1,670	787	550	582	515	622	15,461	2,761	996
December.....	28,879	13,413	2,958	965	1,521	3,157	1,788	742	552	584	524	622	15,466	2,803	986
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950															
January.....	29,035	13,422	2,975	948	1,524	3,124	1,771	730	585	607	522	638	15,614	2,861	998
February.....	28,990	13,477	2,955	956	1,550	3,145	1,781	705	590	628	523	643	15,513	2,851	1,013
March.....	29,073	13,500	2,961	960	1,544	3,166	1,791	690	562	636	532	658	15,574	2,917	1,034
April.....	29,384	13,667	3,012	975	1,566	3,197	1,832	670	556	654	541	664	15,716	3,000	1,028
May.....	29,659	13,784	3,056	962	1,614	3,208	1,833	659	569	671	536	675	15,874	3,061	1,012
June.....	30,028	13,946	3,140	988	1,658	3,225	1,793	653	588	678	538	685	16,082	3,042	993
July.....	29,830	13,888	3,147	973	1,633	3,208	1,803	660	576	675	542	671	15,942	2,831	1,037
August.....	29,858	13,858	3,191	965	1,630	3,228	1,773	663	550	664	534	661	16,000	2,820	1,048
September.....	30,732	14,072	3,228	959	1,632	3,283	1,839	672	560	677	530	692	16,660	2,928	1,118
October.....	31,770	14,446	3,308	971	1,666	3,368	1,935	687	572	685	541	713	17,324	3,113	1,095
November.....	33,007	15,119	3,404	992	1,751	3,519	2,111	754	583	729	550	727	17,887	3,190	1,145
December.....	34,061	15,782	3,431	1,030	1,902	3,678	2,191	835	628	764	581	743	18,279	3,285	1,130
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 197.

GENERAL BUSINESS INDICATORS—MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued

YEAR AND MONTH	INVENTORIES, BOOK VALUE, END OF YEAR OR MONTH—ADJUSTED FOR SEASONAL VARIATION ¹										NEW ORDERS, NET—UNADJUSTED ²			
	Nondurable-goods industries										Total	Durable-goods industries		
	Tobacco manu- fac- tures	Textile- mill prod- ucts	Apparel and related prod- ucts	Leather and prod- ucts	Paper and allied prod- ucts	Print- ing and pub- lish- ing	Chem- icals and allied prod- ucts	Petro- leum and coal prod- ucts	Rubber prod- ucts	Other non- durable- goods indus- tries		Total	Iron, steel, and prod- ucts	Non- ferrous metals and prod- ucts
Millions of dollars														
1935 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1942 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1943 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1944 monthly average...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1945 monthly average ² ...	1,143	1,329	779	368	434	317	1,416	1,138	355	222	.....	.....	.....	.....
1946 monthly average ² ...	1,247	1,798	1,071	453	541	445	1,807	1,452	464	389	13,694	5,692	1,398	450
1947														
January.....	1,235	1,843	1,087	448	560	456	1,887	1,464	495	428	14,860	5,769	1,410	456
February.....	1,234	1,851	1,106	451	576	458	1,933	1,457	509	451	14,420	5,816	1,444	390
March.....	1,245	1,865	1,121	461	591	467	1,968	1,487	528	461	15,948	6,218	1,569	412
April.....	1,260	1,905	1,150	477	609	489	2,030	1,512	558	465	14,811	5,760	1,365	420
May.....	1,275	1,888	1,120	480	620	498	2,083	1,543	571	473	14,333	5,602	1,173	420
June.....	1,296	1,887	1,107	495	638	520	2,095	1,574	572	476	15,182	5,971	1,495	253
July.....	1,310	1,881	1,092	483	662	499	2,121	1,605	567	471	14,362	5,619	1,207	332
August.....	1,306	1,859	1,193	492	672	506	2,154	1,648	558	460	14,994	5,700	1,408	420
September.....	1,302	1,838	1,222	501	684	513	2,150	1,670	540	444	16,908	6,715	1,532	530
October.....	1,306	1,823	1,218	490	682	521	2,143	1,697	541	438	17,874	7,004	1,631	496
November.....	1,338	1,917	1,298	511	691	536	2,185	1,713	533	437	16,712	6,594	1,698	472
December.....	1,346	1,971	1,353	517	707	558	2,186	1,718	561	431	17,059	7,132	1,891	496
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,622	6,158	1,485	425
1948														
January.....	1,306	1,938	1,344	523	722	563	2,167	1,725	574	438	16,898	6,758	1,840	508
February.....	1,277	1,965	1,367	527	736	576	2,172	1,761	588	428	16,426	6,646	1,697	407
March.....	1,287	1,988	1,451	525	756	570	2,189	1,783	604	429	18,278	7,609	2,082	482
April.....	1,320	2,015	1,515	516	769	599	2,172	1,823	597	438	16,911	6,976	1,666	504
May.....	1,333	2,066	1,564	522	777	588	2,185	1,889	599	437	15,871	6,350	1,487	459
June.....	1,357	2,124	1,564	535	788	588	2,187	1,949	603	456	18,526	8,137	1,878	453
July.....	1,383	2,160	1,660	526	811	573	2,195	2,013	609	468	17,062	7,408	1,797	479
August.....	1,423	2,211	1,677	540	795	577	2,196	2,072	617	472	18,407	7,662	1,964	588
September.....	1,505	2,226	1,676	540	811	590	2,206	2,130	633	477	18,640	7,659	1,922	509
October.....	1,543	2,236	1,613	534	807	595	2,247	2,198	626	469	18,441	7,634	2,074	531
November.....	1,515	2,221	1,536	524	809	603	2,268	2,256	638	466	17,655	7,171	1,974	500
December.....	1,500	2,225	1,511	513	810	612	2,266	2,277	633	469	16,935	7,107	1,882	476
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,504	7,260	1,855	491
1949														
January.....	1,477	2,248	1,499	535	821	616	2,260	2,287	627	499	15,966	6,370	1,798	498
February.....	1,453	2,233	1,433	515	814	612	2,249	2,329	625	493	15,490	6,336	1,719	428
March.....	1,442	2,210	1,386	509	824	594	2,198	2,343	624	481	17,037	6,840	1,701	464
April.....	1,458	2,144	1,308	510	816	584	2,186	2,339	620	478	14,935	5,725	1,324	355
May.....	1,465	2,112	1,285	527	804	581	2,143	2,356	616	484	14,396	5,356	1,259	290
June.....	1,472	2,044	1,269	531	781	578	2,115	2,354	601	491	15,189	5,981	1,443	311
July.....	1,448	2,010	1,275	500	747	548	2,111	2,347	586	479	14,484	5,622	1,213	314
August.....	1,497	1,967	1,242	504	710	533	2,100	2,304	563	452	17,532	6,831	1,663	442
September.....	1,553	1,939	1,228	516	681	525	2,093	2,281	538	436	18,172	7,099	1,396	449
October.....	1,541	1,950	1,223	511	669	525	2,084	2,282	517	422	17,151	6,892	1,708	442
November.....	1,522	1,953	1,236	517	669	551	2,074	2,247	526	408	16,868	6,941	1,687	418
December.....	1,527	1,965	1,241	509	687	553	2,059	2,194	531	410	16,009	6,923	1,855	392
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,102	6,410	1,564	400
1950														
January.....	1,514	1,988	1,282	522	704	595	2,032	2,161	524	432	17,032	7,479	1,892	469
February.....	1,480	2,010	1,282	501	701	581	2,022	2,123	526	424	16,861	7,213	1,836	480
March.....	1,475	2,042	1,338	509	703	582	1,978	2,049	532	416	18,810	8,508	2,173	488
April.....	1,484	2,064	1,348	531	714	592	1,993	2,012	536	416	17,182	7,857	1,901	474
May.....	1,490	2,148	1,328	546	706	587	2,014	2,018	540	422	19,097	8,514	2,178	531
June.....	1,482	2,244	1,407	557	704	611	2,034	2,018	544	448	20,666	9,814	2,493	557
July.....	1,467	2,274	1,448	568	695	601	2,041	2,046	501	433	22,223	10,553	2,724	637
August.....	1,562	2,285	1,455	573	671	593	2,043	2,050	483	416	27,323	13,863	3,277	814
September.....	1,680	2,372	1,520	589	678	625	2,108	2,108	502	432	23,760	11,500	2,989	683
October.....	1,706	2,616	1,575	596	690	628	2,187	2,162	524	432	24,704	12,171	2,950	666
November.....	1,717	2,768	1,647	608	699	651	2,267	2,180	564	452	22,371	10,621	2,638	661
December.....	1,718	2,838	1,808	601	734	659	2,327	2,169	549	461	23,160	11,379	3,047	554
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,099	9,956	2,508	585

For footnotes giving source of data and description of series, see p. 197.

GENERAL BUSINESS INDICATORS—MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued

YEAR AND MONTH	NEW ORDERS, NET—UNADJUSTED ¹					UNFILLED ORDERS, END OF YEAR OR MONTH—UNADJUSTED ²									
	Durable-goods industries					Total	Durable-goods industries								Non-durable-goods industries, total
	Elec-trical machinery and equipment	Machin-ery, except elec-trical	Trans-portion equip-ment, except motor vehicles	Other durable-goods indus-tries ²	Non-durable-goods indus-tries, total		Total	Iron, steel, and prod-ucts	Non-ferrous metals and prod-ucts	Elec-trical machinery and equipment	Machin-ery, except elec-trical	Trans-portion equip-ment, except motor vehicles	Other durable-goods indus-tries ²		
Millions of dollars															
1935 monthly average...															
1936 monthly average...															
1937 monthly average...															
1938 monthly average...															
1939 monthly average...															
1940 monthly average...															
1941 monthly average...															
1942 monthly average...															
1943 monthly average...															
1944 monthly average...															
1945 monthly average ³ ...						20,927	17,676	5,256	646	1,952	4,272	2,491	3,059	3,251	
1946 monthly average ³ ...	604	1,072	365	1,803	8,001	33,842	28,873	7,827	1,338	3,537	7,317	3,864	4,991	4,968	
1947															
January.....	641	1,064	287	1,910	9,092	33,943	28,738	7,756	1,354	3,566	7,331	3,921	4,811	5,205	
February.....	595	1,097	249	2,041	8,603	33,869	28,759	7,804	1,306	3,536	7,358	3,955	4,800	5,109	
March.....	670	1,139	301	2,127	9,731	33,937	28,587	7,806	1,226	3,518	7,334	4,004	4,697	5,350	
April.....	564	1,068	273	2,069	9,051	33,139	27,771	7,572	1,142	3,406	7,239	4,010	4,402	5,368	
May.....	548	1,016	231	2,214	8,731	32,065	26,989	7,178	1,083	3,291	7,100	3,976	4,361	5,076	
June.....	609	1,026	291	2,297	9,211	31,840	26,611	7,119	879	3,208	6,958	3,984	4,464	5,229	
July.....	605	984	187	2,304	8,743	31,495	26,367	6,876	817	3,207	6,907	3,947	4,612	5,129	
August.....	593	988	100	2,190	9,295	30,871	25,866	6,680	813	3,148	6,810	3,828	4,588	5,004	
September.....	603	1,087	274	2,689	10,193	30,981	25,804	6,512	870	3,036	6,749	3,838	4,800	5,176	
October.....	703	1,199	279	2,696	10,870	30,518	25,324	6,297	839	2,935	6,678	3,832	4,743	5,195	
November.....	663	1,067	428	2,265	10,118	30,619	25,294	6,358	807	2,859	6,631	4,004	4,636	5,325	
December.....	762	1,171	340	2,472	9,926	30,296	25,153	6,481	802	2,793	6,525	4,064	4,489	5,142	
Monthly average.....	630	1,075	270	2,273	9,464										
1948															
January.....	665	1,098	186	2,463	10,140	30,261	25,221	6,619	852	2,776	6,454	3,995	4,526	5,040	
February.....	591	1,164	402	2,385	9,780	29,949	25,085	6,666	805	2,653	6,366	4,126	4,468	4,864	
March.....	819	1,326	278	2,623	10,669	29,866	24,975	6,855	777	2,666	6,288	4,075	4,315	4,891	
April.....	714	1,243	346	2,503	9,935	29,332	24,671	6,780	782	2,618	6,232	4,062	4,196	4,662	
May.....	631	1,102	276	2,395	9,521	28,354	24,042	6,552	752	2,557	6,064	4,001	4,116	4,312	
June.....	730	1,318	884	2,872	10,389	29,038	24,664	6,594	695	2,550	5,997	4,507	4,320	4,375	
July.....	816	1,159	346	2,811	9,654	29,621	25,425	6,741	759	2,707	6,017	4,580	4,622	4,195	
August.....	717	1,181	489	2,724	10,745	29,596	25,593	6,745	843	2,734	5,921	4,766	4,584	4,004	
September.....	769	1,203	265	2,991	10,981	29,147	25,281	6,598	781	2,718	5,768	4,697	4,718	3,866	
October.....	737	1,119	228	2,944	10,807	28,472	24,861	6,580	752	2,653	5,580	4,614	4,681	3,611	
November.....	810	1,007	315	2,565	10,484	27,920	24,317	6,566	676	2,648	5,341	4,587	4,500	3,603	
December.....	744	1,070	338	2,597	9,828	26,614	23,369	6,354	590	2,532	4,974	4,516	4,403	3,244	
Monthly average.....	729	1,166	363	2,656	10,245										
1949															
January.....	687	969	41	2,459	9,596	26,015	22,778	6,268	602	2,533	4,761	4,181	4,433	3,236	
February.....	598	1,024	282	2,286	9,153	25,112	22,149	6,158	563	2,443	4,560	4,142	4,284	2,963	
March.....	747	1,185	204	2,539	10,197	24,073	21,210	5,839	536	2,407	4,344	3,986	4,098	2,863	
April.....	600	965	25	2,458	9,211	22,431	19,749	5,410	492	2,291	4,030	3,673	3,852	2,683	
May.....	573	962	232	2,039	9,040	20,859	18,355	5,026	430	2,179	3,760	3,596	3,363	2,504	
June.....	669	900	112	2,547	9,208	19,563	17,186	4,758	346	2,158	3,422	3,368	3,135	2,377	
July.....	534	806	156	2,600	8,862	19,205	16,664	4,509	371	2,134	3,229	3,214	3,208	2,540	
August.....	656	960	161	2,948	10,701	19,106	16,207	4,406	395	2,117	3,086	3,058	3,144	2,899	
September.....	768	990	318	3,178	11,074	19,318	15,855	3,954	403	2,129	2,936	3,108	3,326	3,463	
October.....	803	962	194	2,782	10,259	19,450	16,152	4,460	435	2,158	2,812	3,027	3,260	3,298	
November.....	694	979	551	2,613	9,927	19,924	16,559	4,778	420	2,094	2,750	3,264	3,254	3,365	
December.....	706	1,018	167	2,784	9,086	19,850	16,767	4,925	382	2,046	2,666	3,086	3,661	3,083	
Monthly average.....	670	977	197	2,603	9,693										
1950															
January.....	793	1,211	255	2,860	9,553	20,876	17,581	5,111	419	2,131	2,852	3,068	4,000	3,295	
February.....	726	1,211	395	2,566	9,648	21,494	18,005	5,252	456	2,129	2,995	3,140	4,033	3,489	
March.....	946	1,392	266	3,243	10,302	21,773	18,449	5,480	451	2,183	3,076	3,081	4,178	3,324	
April.....	772	1,316	333	3,060	9,325	21,770	18,662	5,488	481	2,164	3,147	3,103	4,278	3,109	
May.....	884	1,410	232	3,279	10,582	22,218	18,763	5,566	497	2,215	3,194	3,015	4,276	3,455	
June.....	1,035	1,527	543	3,660	10,852	23,458	19,569	5,866	506	2,308	3,277	3,215	4,398	3,888	
July.....	934	1,764	1,102	3,392	11,670	26,998	22,171	6,593	679	2,434	3,758	4,030	4,678	4,827	
August.....	1,572	2,197	1,600	4,404	13,460	31,519	26,105	7,348	914	2,940	4,433	5,255	5,214	5,414	
September.....	1,423	1,948	692	3,765	12,259	33,764	28,070	7,923	1,006	3,250	4,909	5,566	5,414	5,694	
October.....	1,439	2,016	800	4,300	12,533	35,636	29,902	8,286	1,029	3,477	5,363	5,971	5,776	5,734	
November.....	1,257	1,935	483	3,646	11,750	36,728	30,914	8,540	1,031	3,594	5,818	6,068	5,864	5,814	
December.....	1,480	2,260	504	3,534	11,781	38,125	32,190	8,990	915	3,850	6,389	6,143	5,904	5,935	
Monthly average.....	1,105	1,682	600	3,476	11,143										

For footnotes giving source of data and description of series, see p. 197.

BUSINESS POPULATION—OPERATING BUSINESSES AND BUSINESS TURN OVER

YEAR AND MONTH	OPERATING BUSINESSES ¹							NEW BUSINESSES ²							DISCONTINUED BUSINESSES ³			
	Total	Contract construction	Manufacturing	Service industries	Trade		All other	Total	Contract construction	Manufacturing	Service industries	Trade		All other	Total	Contract construction	Manufacturing	Service industries
					Retail	Wholesale						Retail	Wholesale					
Thousands																		
1935 monthly average ² ..	3,065.2	179.8	205.7	699.8	1,403.8	122.0	454.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ² ..	3,146.0	191.5	211.7	714.9	1,448.5	128.1	451.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ² ..	3,215.0	199.0	215.4	718.7	1,489.5	132.9	459.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ² ..	3,151.8	193.6	203.4	689.0	1,472.7	130.2	462.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ² ..	3,305.6	199.7	223.0	701.8	1,558.9	137.0	485.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average ² ..	3,382.8	199.2	226.7	718.3	1,596.0	146.8	495.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average ² ..	3,363.6	186.8	235.3	705.8	1,590.1	155.1	490.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1942 monthly average ² ..	3,302.2	177.2	237.9	699.2	1,541.8	156.5	489.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1943 monthly average ² ..	3,045.1	157.5	238.8	652.5	1,400.3	141.5	454.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1944 monthly average ² ..	3,062.2	153.4	245.2	657.1	1,393.3	146.1	467.1	88.7	7.4	9.0	21.9	31.8	4.6	14.0	49.6	4.1	5.5	11.4
1945 monthly average ² ..	3,258.4	176.8	262.8	706.0	1,456.6	159.7	496.5	107.4	14.0	12.1	24.0	37.5	5.6	14.3	50.7	4.5	6.7	11.6
1946 monthly average ² ..	3,605.4	242.6	301.9	772.8	1,574.0	181.1	532.9	155.0	23.7	19.2	32.1	54.1	8.0	17.9	56.6	6.7	7.3	12.8
1947																		
January.....	.....	.....	.....	.....	.....	.....	.....	149.5	23.0	18.1	32.3	51.1	7.6	17.5	72.5	8.8	8.5	15.4
February.....	.....	.....	.....	.....	.....	.....	.....											
March.....	3,839.7	280.5	330.6	821.5	1,656.6	194.4	556.1											
April.....	.....	.....	.....	.....	.....	.....	.....	128.3	20.8	13.1	27.9	46.9	6.1	13.6	73.3	9.7	10.1	15.4
May.....	.....	.....	.....	.....	.....	.....	.....											
June.....	3,894.8	291.6	333.6	833.9	1,677.6	197.5	560.6											
July.....	.....	.....	.....	.....	.....	.....	.....	106.7	17.1	10.3	22.8	39.7	5.2	11.8	73.4	9.0	11.4	15.7
August.....	.....	.....	.....	.....	.....	.....	.....											
September.....	3,928.1	299.7	332.5	841.0	1,692.2	199.2	563.6											
October.....	.....	.....	.....	.....	.....	.....	.....	91.9	14.0	8.8	20.7	32.8	4.6	10.9	72.6	9.1	11.0	14.3
November.....	.....	.....	.....	.....	.....	.....	.....											
December.....	3,947.4	304.7	330.2	847.3	1,699.4	200.6	565.2											
Monthly average ²	3,879.4	289.3	330.6	830.6	1,673.0	196.6	559.3	119.1	18.7	12.6	25.9	42.6	5.9	13.4	72.9	9.1	10.3	15.2
1948																		
January.....	.....	.....	.....	.....	.....	.....	.....	125.2	21.0	12.7	28.3	42.7	6.0	14.4	89.2	10.5	11.9	19.2
February.....	.....	.....	.....	.....	.....	.....	.....											
March.....	3,983.4	315.1	331.1	856.5	1,709.9	202.2	568.6											
April.....	.....	.....	.....	.....	.....	.....	.....	113.8	20.3	11.5	23.7	39.8	5.0	16.5	87.0	10.7	11.1	18.4
May.....	.....	.....	.....	.....	.....	.....	.....											
June.....	4,010.2	324.7	331.5	861.9	1,716.6	203.3	572.3											
July.....	.....	.....	.....	.....	.....	.....	.....	90.1	14.3	9.1	18.7	32.7	4.1	11.1	95.5	10.9	11.5	20.7
August.....	.....	.....	.....	.....	.....	.....	.....											
September.....	4,004.8	328.1	329.1	859.9	1,711.6	203.6	572.6											
October.....	.....	.....	.....	.....	.....	.....	.....	75.6	11.0	7.3	16.0	28.0	3.8	9.5	99.3	11.2	13.1	20.9
November.....	.....	.....	.....	.....	.....	.....	.....											
December.....	3,981.1	327.8	323.3	855.0	1,701.3	203.1	570.6											
Monthly average ²	3,990.7	321.0	329.6	857.4	1,709.6	202.7	570.4	101.2	16.6	10.2	21.7	35.8	4.7	12.1	92.7	10.8	11.9	19.8
1949																		
January.....	.....	.....	.....	.....	.....	.....	.....	95.0	16.1	9.1	19.8	34.5	4.4	11.1	103.1	11.5	14.7	21.0
February.....	.....	.....	.....	.....	.....	.....	.....											
March.....	3,973.0	332.4	317.6	853.9	1,696.9	202.8	569.4											
April.....	.....	.....	.....	.....	.....	.....	.....	99.0	16.9	9.0	20.0	37.9	4.2	11.0	110.2	12.9	15.3	21.8
May.....	.....	.....	.....	.....	.....	.....	.....											
June.....	3,961.7	336.4	311.2	852.0	1,691.1	203.2	567.8											
July.....	.....	.....	.....	.....	.....	.....	.....	84.5	12.9	7.1	16.6	34.5	3.8	9.6	88.9	11.5	12.1	16.4
August.....	.....	.....	.....	.....	.....	.....	.....											
September.....	3,957.3	337.7	306.3	852.2	1,690.3	203.1	567.7											
October.....	.....	.....	.....	.....	.....	.....	.....	80.0	12.7	7.0	16.5	29.8	3.8	10.1	84.0	10.9	10.9	16.1
November.....	.....	.....	.....	.....	.....	.....	.....											
December.....	3,953.3	339.5	302.4	852.6	1,687.5	202.9	568.3											
Monthly average ²	3,964.8	335.0	312.0	853.0	1,693.2	203.0	568.6	89.6	14.6	8.0	18.2	34.2	4.1	10.5	96.6	11.7	13.3	18.8
1950																		
January.....	.....	.....	.....	.....	.....	.....	.....	107.5	22.1	10.7	20.2	36.2	4.6	13.6	92.4	11.3	10.6	18.4
February.....	.....	.....	.....	.....	.....	.....	.....											
March.....	3,968.4	350.4	302.5	854.4	1,685.9	203.2	572.0											
April.....	.....	.....	.....	.....	.....	.....	.....	114.0	22.3	12.2	20.1	40.3	4.6	14.5	96.4	10.4	11.2	20.1
May.....	.....	.....	.....	.....	.....	.....	.....											
June.....	3,986.1	362.4	303.5	854.4	1,686.2	203.9	575.8											
July.....	.....	.....	.....	.....	.....	.....	.....	95.2	14.8	10.4	17.8	35.3	4.3	12.5	83.6	10.3	10.5	16.0
August.....	.....	.....	.....	.....	.....	.....	.....											
September.....	3,997.7	366.9	303.3	856.2	1,686.4	204.8	579.9											
October.....	.....	.....	.....	.....	.....	.....	.....	80.7	12.2	9.6	15.4	27.7	3.7	12.2	85.5	10.5	10.8	16.4
November.....	.....	.....	.....	.....	.....	.....	.....											
December.....	3,992.9	368.6	302.1	855.2	1,678.3	205.2	583.5											
Monthly average ²	3,981.3	358.4	302.9	854.7	1,685.4	204.0	575.9	99.4	17.9	10.7	18.4	34.9	4.3	13.2	89.5	10.6	10.8	17.7

BUSINESS POPULATION—BUSINESS TURN OVER, INCORPORATIONS, AND FAILURES

YEAR AND MONTH	DISCONTINUED BUSINESSES ¹				New business incor- porations (48 States) ²	INDUSTRIAL AND COMMERCIAL FAILURES ³											
	Trade			Total		Failures				Liabilities							
	Retail	Wholesale	All other			Com- mer- cial service	Con- struc- tion	Manu- fac- turing and min- ing	Trade		Total	Com- mer- cial service	Con- struc- tion	Manu- fac- turing and min- ing	Trade		
									Re- tail	Wholesale					Re- tail	Wholesale	
Thousands				Number								Thousands of dollars					
1935 monthly average ..	.....	.....	.....	.....	41,020	.....	.....	.....	.....	.....	425,882	.....	.....	.....	.....	.....	.....
1936 monthly average ..	.....	.....	.....	.....	4,801	.....	.....	.....	.....	.....	416,931	.....	.....	.....	.....	.....	.....
1937 monthly average ..	.....	.....	.....	.....	4,791	.....	.....	.....	.....	.....	415,271	.....	.....	.....	.....	.....	.....
1938 monthly average ..	.....	.....	.....	.....	41,070	.....	.....	.....	.....	.....	420,542	.....	.....	.....	.....	.....	.....
1939 monthly average ..	.....	.....	.....	.....	1,231	52	54	5243	5754	128	15,210	751	919	5,929	5,615	1,995	.....
1940 monthly average ⁴ ..	.....	.....	.....	52.3	1,135	49	63	205	708	110	13,890	671	1,109	5,567	4,843	1,700	.....
1941 monthly average ⁵ ..	.....	.....	.....	70.2	.....	987	45	58	164	632	87	11,342	556	889	4,270	4,078	1,548
1942 monthly average ⁶ ..	.....	.....	.....	59.4	.....	784	42	62	125	491	63	8,397	602	853	2,600	3,368	974
1943 monthly average ⁷ ..	.....	.....	.....	53.1	.....	268	20	33	47	147	21	3,778	416	455	1,588	1,060	259
1944 monthly average ⁸ ..	19.5	1.6	7.4	70.7	.....	102	10	14	29	41	8	2,638	291	198	1,681	327	142
1945 monthly average ⁹ ..	18.9	1.8	7.1	87.0	75,964	68	7	8	23	24	5	2,519	423	297	1,437	261	101
1946 monthly average ¹⁰ ..	19.8	2.2	7.9	109.4	11,076	94	10	12	39	25	8	5,612	531	362	3,241	523	957
1947																	
January.....	26.1	3.4	10.3	126.8	12,112	202	17	15	67	76	27	15,193	582	575	11,020	1,674	1,342
February.....					9,111	238	22	20	92	70	34	12,976	651	766	7,654	1,396	2,509
March.....					10,247	254	21	13	108	88	24	15,251	758	341	11,336	1,169	1,647
April.....	26.0	3.1	9.1	102.3	9,802	277	23	16	117	84	37	16,080	1,015	247	11,822	1,503	1,493
May.....					9,179	378	33	20	155	119	51	17,326	739	321	10,971	3,037	2,258
June.....					8,922	283	21	23	95	108	36	18,982	610	664	14,220	1,614	1,874
July.....	25.1	3.4	8.7	98.4	9,041	297	28	17	107	105	40	20,701	3,427	384	12,466	2,280	2,144
August.....					8,055	287	23	19	99	102	44	14,903	655	176	10,426	1,668	1,978
September.....					8,561	292	28	20	101	103	40	10,034	829	444	5,964	1,390	1,407
October.....	25.6	3.2	9.3	76.6	9,609	336	29	25	98	129	55	21,322	1,074	2,301	13,337	2,289	2,321
November.....					7,873	313	23	25	124	115	26	16,345	505	537	12,574	1,531	1,198
December.....					10,126	317	23	26	112	123	33	25,499	1,232	455	20,937	1,908	967
Monthly average ¹¹	25.7	3.3	9.3	101.0	9,387	290	23	20	106	102	37	17,051	1,006	601	11,894	1,788	1,762
1948																	
January.....	32.3	4.3	11.0	111.4	11,000	356	29	23	108	153	43	12,965	711	820	6,892	2,837	1,705
February.....					7,873	417	44	22	151	165	35	25,619	979	1,987	17,897	3,410	1,346
March.....					9,346	477	47	43	136	194	57	17,481	1,883	957	9,243	3,714	1,684
April.....	33.1	4.0	9.8	88.2	9,223	404	50	30	99	175	50	15,296	1,472	1,662	7,057	2,476	2,629
May.....					8,246	426	30	31	135	158	72	13,814	1,058	588	7,030	2,679	2,459
June.....					8,550	463	49	36	130	194	54	12,163	1,317	984	5,147	3,037	1,678
July.....	37.7	3.8	10.8	86.9	7,690	420	37	36	119	166	62	13,876	1,279	1,163	7,208	2,281	1,945
August.....					6,723	439	35	40	109	194	61	21,442	9,034	1,861	5,580	3,036	1,931
September.....					6,930	398	38	37	98	173	52	20,703	1,032	1,101	12,165	2,729	3,676
October.....	38.3	4.2	11.6	70.6	6,686	459	50	40	112	188	69	25,114	1,763	1,135	14,160	5,917	2,139
November.....					6,413	460	31	37	129	208	55	24,416	1,382	955	15,933	3,456	2,690
December.....					7,421	531	31	64	155	217	59	31,731	924	2,396	21,980	4,247	2,184
Monthly average ¹²	35.3	4.1	10.8	89.3	8,008	438	40	37	123	182	56	19,552	1,903	1,301	10,858	3,318	2,172
1949																	
January.....	38.9	4.7	12.3	102.2	7,906	566	41	53	129	267	76	19,159	1,174	1,892	8,625	4,841	2,627
February.....					6,362	685	44	63	170	318	90	27,567	896	2,476	15,009	5,728	3,458
March.....					7,637	847	87	77	215	366	102	37,188	4,792	3,018	17,075	7,269	5,034
April.....	43.7	3.8	12.6	83.6	7,273	877	76	68	229	406	98	31,930	5,774	1,519	14,523	6,139	3,975
May.....					7,445	775	58	63	202	351	101	24,583	1,599	1,434	11,182	6,034	4,334
June.....					7,260	828	75	74	215	372	92	28,161	1,862	2,476	13,500	6,234	4,089
July.....	35.3	3.9	9.7	83.5	6,424	719	49	61	188	344	77	21,804	1,393	1,845	10,183	5,629	2,754
August.....					6,828	810	53	55	221	385	96	31,175	1,187	2,272	16,008	6,424	5,284
September.....					6,867	732	67	71	183	329	82	20,598	1,289	2,148	9,379	4,929	2,853
October.....	32.5	4.0	9.6	71.0	6,877	802	58	90	181	364	109	23,894	1,248	1,989	11,897	5,833	2,927
November.....					6,755	835	63	83	197	395	97	22,799	1,281	4,362	8,419	5,929	2,808
December.....					7,857	770	50	80	201	349	90	19,251	668	1,814	7,465	6,284	3,020
Monthly average ¹³	37.6	4.1	11.0	85.0	7,124	771	60	70	194	354	93	25,675	1,930	2,270	11,939	5,939	3,597
1950																	
January.....	37.9	4.3	9.9	104.6	9,070	864	61	65	225	403	110	26,436	1,829	1,884	10,928	7,355	4,440
February.....					7,736	811	69	73	170	399	100	22,156	1,875	1,824	7,905	6,386	4,166
March.....					9,180	884	74	86	206	402	116	27,900	1,706	2,777	12,241	7,859	3,317
April.....	40.0	3.9	10.7	86.7	8,375	806	44	76	195	398	93	21,250	819	1,465	7,980	7,179	3,807
May.....					9,216	874	62	80	197	426	109	22,672	1,474	2,129	7,470	8,650	2,949
June.....					8,861	725	67	61	167	363	67	18,072	1,572	1,533	7,244	5,154	2,569
July.....	35.1	3.3	8.4	88.2	7,191	694	62	65	151	343	73	19,538	1,495	1,619	8,533	5,251	2,640
August.....					7,201	787	51	91	173	402	70	18,448	2,077	1,233	7,225	5,685	2,228
September.....					6,277	648	43	75	147	314	69	15,254	1,450	1,303	5,855	4,775	1,871
October.....	35.9	3.4	8.6	67.0	6,782	707	64	91	150	339	63	16,649	2,009	2,410	5,949	4,683	1,598
November.....					6,256	683	67	87	150	310	69	18,864	1,742	2,726	8,412	4,235	1,749
December.....					6,780	679	67	62	143	330	77	21,044	3,205	4,748	5,352	5,479	2,260
Monthly average ¹⁴	37.2	3.7	9.4	86.6	7,744	764	61	76	173	369	85	20,690	1,771	2,138	7,925	6,058	2,800

COMMODITY PRICES—PRICES RECEIVED AND PAID BY FARMERS

YEAR AND MONTH	PRICES RECEIVED ¹										PRICES PAID ²							Parity ratio ³
	All farm products	Crops								Livestock and products				Commodities			All commodities, interest, taxes, and wage rates	
		Total	Food grains	Feed grains and hay	Tobacco	Cotton	Fruit	Truck crops	Oil-bearing crops	Total	Meat animals	Dairy products	Poultry and eggs	All commodities	Used in living	Used in production		
1910-14 = 100																		
1935 monthly average ³ ..	109	104	97	107	171	98	94	106	127	114	115	114	115	123	124	122	124	88
1936 monthly average ³ ..	114	108	108	103	163	99	104	96	120	118	118	125	113	123	124	122	124	92
1937 monthly average...	122	118	120	126	200	94	119	100	129	125	130	130	108	130	128	132	131	93
1938 monthly average...	97	82	75	71	173	70	80	86	95	111	113	114	107	122	122	122	124	78
1939 monthly average...	95	82	72	69	152	74	78	88	96	106	110	110	94	121	120	121	123	77
1940 monthly average...	100	91	84	82	134	83	84	107	103	108	108	120	95	122	121	123	124	81
1941 monthly average...	123	108	97	89	157	112	98	123	138	137	143	140	120	130	130	130	132	93
1942 monthly average...	158	144	120	110	247	156	128	158	183	171	186	163	150	149	149	148	151	105
1943 monthly average...	192	185	148	147	319	167	202	228	202	198	203	199	188	165	166	164	170	113
1944 monthly average...	196	198	165	166	348	171	240	202	222	195	190	223	173	174	175	173	182	108
1945 monthly average...	206	203	172	161	360	178	244	207	228	210	207	230	194	179	182	176	189	109
1946 monthly average...	234	227	201	196	376	237	250	182	260	241	248	267	197	197	202	191	207	113
1947																		
January.....	256	238	223	183	392	250	218	209	364	273	298	289	200	216	229	203	227	113
February.....	260	245	232	185	383	257	228	233	362	274	317	271	190	219	231	206	229	114
March.....	278	269	281	213	383	268	238	272	394	286	339	269	197	225	234	214	234	119
April.....	274	272	275	224	385	271	244	272	388	276	325	254	202	228	237	218	237	116
May.....	267	266	274	220	383	282	232	245	350	268	320	238	201	227	235	219	236	113
June.....	267	263	251	244	383	286	250	187	343	271	324	236	203	229	235	222	237	113
July.....	273	268	250	257	383	302	240	184	339	278	325	250	218	230	235	225	239	114
August.....	272	257	246	275	377	279	190	194	332	286	331	265	223	233	237	228	241	113
September.....	285	261	278	302	346	262	199	182	336	307	351	288	244	236	238	234	245	116
October.....	285	263	303	288	350	258	174	207	371	305	346	287	250	238	241	236	247	115
November.....	287	274	314	287	348	268	166	267	377	299	329	301	241	240	243	237	248	116
December.....	301	285	319	310	370	286	162	265	397	316	346	317	261	245	247	242	253	119
Monthly average.....	275	263	270	249	374	272	212	226	363	287	329	272	219	230	237	224	239	115
1948																		
January.....	306	288	322	322	370	278	149	287	409	322	371	318	230	253	253	252	261	117
February.....	279	259	250	262	368	258	150	295	357	298	329	311	216	248	249	246	257	109
March.....	283	266	259	287	365	267	155	281	364	298	339	299	211	249	247	251	257	110
April.....	288	274	268	294	364	287	152	282	378	300	342	300	212	251	248	254	260	111
May.....	288	270	261	286	363	296	157	244	385	304	354	296	210	253	249	256	261	110
June.....	292	264	249	282	363	296	172	196	392	318	377	297	220	253	251	255	262	111
July.....	297	256	240	258	363	277	194	192	394	334	400	307	232	254	252	255	262	113
August.....	289	238	226	236	379	256	203	147	333	336	396	308	246	252	254	250	260	111
September.....	287	234	225	225	399	260	205	142	303	335	394	304	252	250	252	249	259	111
October.....	273	227	226	191	410	261	194	147	290	315	359	292	258	248	251	244	257	106
November.....	267	225	234	180	405	257	172	169	304	306	338	286	271	248	251	244	257	104
December.....	266	229	236	183	408	249	181	181	303	299	330	285	259	247	250	244	256	104
Monthly average.....	285	252	250	250	380	270	174	214	351	314	361	300	235	250	251	250	259	110
1949																		
January.....	265	239	233	186	404	246	199	256	294	289	323	275	239	245	248	242	255	104
February.....	255	234	223	171	404	245	198	267	262	275	309	265	216	242	245	238	252	101
March.....	258	232	226	176	403	242	207	235	261	281	327	254	215	245	247	242	255	101
April.....	256	234	229	177	403	251	225	196	256	276	324	241	220	244	246	242	254	101
May.....	253	235	229	174	403	252	239	194	245	271	319	235	215	243	245	242	253	100
June.....	249	225	213	168	404	253	235	155	232	271	323	233	212	242	245	239	252	99
July.....	246	221	209	171	404	253	217	168	219	269	316	237	213	240	244	235	250	98
August.....	244	214	205	165	400	246	181	170	241	271	310	244	225	238	242	234	249	98
September.....	247	212	211	166	393	250	160	188	227	279	319	251	236	237	240	234	248	100
October.....	242	210	213	161	396	241	180	174	221	271	301	258	230	237	239	235	246	98
November.....	237	210	215	157	369	233	172	213	220	262	286	261	216	236	238	234	246	96
December.....	233	210	219	168	394	223	174	196	225	255	280	261	194	237	239	235	246	95
Monthly average.....	249	223	219	170	398	245	199	201	242	272	311	251	219	240	243	238	250	100
1950																		
January.....	235	219	218	170	382	222	185	261	228	249	286	254	158	238	238	237	248	95
February.....	237	215	219	171	389	231	186	203	228	257	306	250	155	237	238	237	248	96
March.....	237	215	224	174	389	236	193	168	230	258	308	243	165	239	239	239	249	95
April.....	241	225	227	181	389	242	206	205	239	256	312	235	161	240	239	240	250	96
May.....	247	223	230	190	387	246	195	178	248	269	342	230	154	244	242	246	254	97
June.....	247	225	218	190	388	251	207	182	254	268	342	227	156	245	243	247	255	97
July.....	263	236	226	195	387	278	211	200	267	287	371	232	173	247	245	249	256	103
August.....	267	239	224	193	399	311	200	164	293	292	369	240	191	248	249	249	258	103
September.....	272	243	221	194	428	336	217	126	303	298	372	248	196	252	252	251	260	105
October.....	268	238	219	188	426	327	207	138	300	296	358	261	201	253	254	251	261	103
November.....	276	250	224	192	428	346	194	188	351	299	357	267	209	255	256	254	263	105
December.....	286	258	233	202	436	339	202	211	366	311	360	272	249	257	257	257	265	108
Monthly average.....	256	232	224	187	402	280	200	185	276	278	340	247	181	246	246	246	255	100

For footnotes giving source of data and description of series, see pp. 198, 199.

COMMODITY PRICES—RETAIL PRICES

YEAR AND MONTH	All commodities, U.S. Department of Commerce index ¹	COAL, U. S. DEPARTMENT OF LABOR INDEXES ²		CONSUMERS' PRICE INDEX, U. S. DEPARTMENT OF LABOR ³												
		Anthracite	Bituminous coal	All items	Apparel	Food					Fuel, electricity, and refrigeration			House furnishings	Rent	Miscellaneous
						Total	Cereals and bakery products	Dairy products	Fruits and vegetables	Meats, poultry, and fish	Total	Gas and electricity	Other fuels			
1935-39 = 100		Oct. 1922-Sept. 1925 = 100	1935-39 = 100													
1935 monthly average ..	97.6	479.4	485.7	98.1	96.8	100.4	101.8	97.5	99.7	99.9	100.7	102.8	98.4	94.8	94.2	98.1
1936 monthly average ..	98.9	482.7	487.1	99.1	97.6	101.3	100.7	101.6	104.8	98.9	100.2	100.8	99.8	96.3	96.4	98.7
1937 monthly average ..	103.5	479.6	488.4	102.7	102.8	105.3	103.3	105.4	107.9	105.8	99.1	101.7	101.7	104.3	100.9	101.0
1938 monthly average ..	101.0	479.1	488.7	100.8	102.2	97.8	99.8	99.6	93.2	98.9	99.9	99.0	101.0	103.3	104.1	101.5
1939 monthly average ..	99.0	477.2	487.7	99.4	100.5	95.2	94.5	95.9	94.5	96.6	99.0	98.9	99.1	101.3	104.3	100.7
1940 monthly average ..	100.6	480.8	487.9	100.2	101.7	96.6	96.8	101.4	96.5	95.8	99.7	98.0	101.9	100.5	104.6	101.1
1941 monthly average ..	108.3	85.2	92.6	105.2	106.3	105.5	97.9	112.0	103.2	107.5	102.2	97.1	108.3	107.3	106.4	104.0
1942 monthly average ..	124.9	88.7	96.7	116.6	124.2	123.9	105.1	125.4	130.8	126.0	105.4	96.7	115.1	122.2	108.8	110.9
1943 monthly average ..	134.0	93.9	100.9	123.7	129.7	138.0	107.6	134.6	168.8	133.8	107.7	96.1	120.7	125.6	108.7	115.8
1944 monthly average ..	137.5	99.2	104.3	125.7	138.8	136.1	108.4	133.6	168.2	129.9	109.8	95.8	126.0	136.4	109.1	121.3
1945 monthly average ..	141.4	102.7	106.5	128.6	145.9	139.1	109.0	133.9	177.1	131.2	110.3	95.0	128.3	145.8	109.5	124.1
1946 monthly average ..	155.2	113.8	112.5	139.5	160.2	159.6	125.0	165.1	182.4	161.3	112.4	92.4	136.9	159.2	110.1	128.8
1947																
January.....	172.7	121.6	121.9	153.6	179.0	183.8	143.4	190.1	187.9	199.0	117.3	91.9	148.0	179.1	110.7	137.1
February.....	172.7	121.6	122.2	153.5	181.5	182.3	144.1	183.2	191.7	196.7	117.5	92.2	148.1	180.8	110.9	137.4
March.....	177.2	121.6	122.3	156.7	184.3	189.5	148.1	187.5	199.6	207.6	117.6	92.2	148.3	182.3	111.1	138.2
April.....	177.2	121.5	122.5	156.6	184.9	188.0	153.4	178.9	200.4	202.6	118.4	92.5	149.4	182.5	111.2	139.2
May.....	177.1	116.8	123.4	156.4	185.0	187.6	154.2	171.5	207.0	203.9	117.7	92.4	147.4	181.9	111.4	139.0
June.....	178.7	116.8	123.6	157.5	185.7	190.5	154.6	171.5	205.0	216.9	117.7	91.7	147.6	182.6	111.5	139.1
July.....	179.7	119.2	129.5	158.8	184.7	193.1	155.0	178.8	202.0	220.2	119.5	91.7	152.2	184.3	112.4	139.5
August.....	181.4	126.5	139.1	160.7	185.9	196.5	155.7	183.8	199.8	228.4	123.8	92.0	162.9	184.2	113.7	139.8
September.....	184.9	128.3	139.4	164.3	187.6	203.5	157.8	195.2	198.2	240.6	124.6	92.1	164.0	187.5	116.2	140.8
October.....	184.9	129.4	140.5	164.3	189.0	201.6	160.3	190.1	196.6	235.5	125.2	92.2	165.2	187.8	117.6	141.8
November.....	185.9	130.4	143.8	165.4	190.2	202.7	167.9	198.4	199.6	227.0	126.9	92.5	169.1	188.9	118.0	143.0
December.....	188.4	130.5	144.3	167.5	191.2	206.9	170.5	204.9	205.3	227.3	127.8	92.6	171.1	191.4	118.3	144.4
Monthly average.....	180.1	123.7	131.0	159.6	185.8	193.8	155.4	186.2	199.4	217.1	121.1	92.0	156.1	184.4	113.6	139.9
1948																
January.....	190.3	131.9	145.7	169.3	192.1	209.7	172.7	205.7	208.3	237.5	129.5	93.1	174.6	192.3	118.9	146.4
February.....	189.0	132.1	146.4	168.0	195.1	204.7	171.8	204.4	213.0	224.8	130.0	93.2	175.4	193.0	119.2	146.4
March.....	188.6	132.1	146.5	167.5	196.3	202.3	171.0	201.1	206.9	224.7	130.3	93.8	175.5	194.9	119.6	146.2
April.....	190.8	132.0	147.4	169.9	196.4	207.9	171.0	205.8	217.4	233.8	130.7	93.9	176.1	194.7	119.7	147.8
May.....	192.1	132.4	150.5	171.1	197.5	210.9	171.1	204.8	218.0	244.2	131.8	94.1	178.5	193.6	120.3	147.5
June.....	193.5	134.7	152.3	172.4	196.9	214.1	171.2	205.9	214.9	255.1	132.6	94.2	180.6	194.8	120.7	147.5
July.....	195.1	137.1	156.7	174.4	197.1	216.8	171.0	209.0	213.4	261.8	134.8	94.4	185.0	195.9	121.1	150.8
August.....	196.3	144.9	158.5	175.2	199.7	216.6	170.8	211.0	199.6	267.0	136.8	94.5	190.1	196.3	121.7	152.4
September.....	196.2	145.4	159.1	175.2	201.0	215.2	170.7	208.7	195.8	265.3	137.3	94.6	191.0	198.1	122.6	152.7
October.....	195.0	145.5	159.2	174.4	201.6	211.5	170.0	203.0	193.5	256.1	137.8	95.4	191.4	198.8	122.9	153.7
November.....	193.4	145.5	159.2	173.0	201.4	207.5	169.9	199.5	189.4	246.7	137.9	95.4	191.6	198.7	123.2	153.9
December.....	192.5	145.5	159.2	172.2	200.4	205.0	170.2	199.2	192.3	241.3	137.8	95.3	191.3	198.6	124.0	154.0
Monthly average.....	192.7	138.3	153.4	171.9	198.0	210.2	170.9	204.8	205.2	246.5	133.9	94.3	183.4	195.8	121.2	149.9
1949																
January.....	191.5	147.0	159.5	171.7	196.5	204.8	170.5	196.0	205.2	235.9	138.2	95.5	191.8	196.5	124.4	154.1
February.....	189.2	149.1	160.0	169.9	195.1	199.7	170.0	192.5	213.7	221.4	138.8	96.1	192.6	195.6	124.8	154.1
March.....	189.4	149.1	160.0	170.4	193.9	201.6	170.1	190.3	214.5	229.6	138.9	96.1	192.5	193.8	125.1	154.4
April.....	189.2	144.9	158.1	170.7	192.5	202.8	170.3	184.9	218.6	234.4	137.4	96.8	187.8	191.9	125.5	154.6
May.....	188.3	140.7	154.7	170.2	191.3	202.4	170.1	182.6	220.7	232.3	135.4	96.9	182.7	189.5	125.8	154.5
June.....	188.3	142.3	154.8	170.6	190.3	204.3	169.7	182.0	217.9	240.6	135.6	96.8	183.0	187.3	126.2	154.2
July.....	186.8	143.0	154.8	169.6	188.5	201.7	169.5	182.2	210.2	236.0	135.6	96.9	183.1	186.8	126.4	154.3
August.....	186.6	143.4	154.9	169.9	187.4	202.6	169.4	184.9	201.9	239.5	135.8	97.1	183.1	184.8	126.7	154.8
September.....	187.2	145.4	156.4	170.7	187.2	204.2	169.7	185.3	199.8	243.6	137.0	97.1	185.9	185.6	127.3	155.2
October.....	185.6	147.4	158.5	169.7	186.8	200.6	169.1	186.7	194.5	235.1	138.4	97.0	188.3	185.2	127.8	155.2
November.....	185.7	148.3	160.5	169.8	186.3	200.8	169.2	186.4	202.0	229.1	139.1	97.0	190.0	185.4	128.4	154.9
December.....	184.4	148.4	162.7	168.8	185.8	197.3	169.2	186.2	198.2	223.2	139.7	97.2	191.6	185.4	128.8	155.5
Monthly average.....	187.7	145.7	157.9	170.2	190.1	201.9	169.7	186.7	208.1	233.4	137.5	96.7	187.7	189.0	126.4	154.6
1950																
January.....	183.8	148.5	164.1	168.2	185.0	196.0	169.0	184.2	204.8	219.4	140.0	96.7	193.1	184.7	129.4	155.1
February.....	183.3	148.5	164.5	167.9	184.9	194.9	169.1	183.6	199.3	222.0	140.1	96.9	192.5	185.2	129.7	155.1
March.....	183.8	149.3	166.2	168.4	185.1	196.6	169.1	182.4	195.1	229.3	140.3	96.9	193.1	185.3	129.8	155.0
April.....	184.1	154.2	165.6	168.5	184.9	197.3	169.3	179.6	198.9	231.1	140.3	97.0	192.8	185.4	130.1	154.7
May.....	185.7	147.2	160.9	169.3	184.7	199.8	169.8	178.3	202.2	240.2	138.8	96.9	187.6	185.0	130.6	155.1
June.....	187.3	147.4	160.2	170.2	184.6	203.1	169.8	177.8	209.3	246.5	139.1	96.8	189.0	184.8	130.9	154.6
July.....	190.0	150.3	160.5	172.0	184.5	208.2	171.5	180.7	211.5	255.7	139.4	96.9	189.9	186.1	131.3	155.2
August.....	190.8	153.9	162.4	173.4	185.7	209.9	175.5	184.3	193.4	260.7	140.2	96.8	192.9	188.1	131.6	156.8
September.....	192.6	155.8	164.0	174.6	189.8	210.0	176.9	186.9	186.0	261.0	141.2	96.9	196.1	194.2	131.8	157.8
October.....	193.9	157.4	166.6	175.6	193.0	210.6	177.2	191.9	189.8	253.3	142.0	96.8	199.2	198.7	132.0	158.3
November.....	194.9	158.6	167.0	176.4	194.3	210.8	177.6	192.8	195.7	250.3	142.5					

COMMODITY PRICES—WHOLESALE PRICES

U. S. DEPARTMENT OF LABOR INDEXES ¹													
YEAR AND MONTH	All commodities	Economic classes			Farm products			All commodities other than farm products	Foods				
		Manufactured products	Raw materials	Semi-manufactured articles	Total	Grains	Live-stock and poultry ²		Total	Cereal products	Dairy products	Fruits and vegetables	Meats, poultry, and fish ²
1926 = 100													
1935 monthly average ..	80.0	82.2	77.1	73.6	78.8	82.5	85.1	80.2	83.7	94.1	79.8	63.6	94.5
1936 monthly average ..	80.8	82.0	79.9	75.9	80.9	88.3	89.7	80.7	82.1	86.2	83.9	71.9	87.8
1937 monthly average ..	86.3	87.2	84.8	85.3	86.4	98.3	95.5	86.2	85.5	87.6	83.1	74.2	99.1
1938 monthly average ..	78.6	82.2	72.0	75.4	68.5	60.6	79.0	80.6	73.6	78.4	72.8	58.2	83.3
1939 monthly average ..	77.1	80.4	70.2	77.0	65.3	58.6	72.2	79.5	70.4	74.8	69.5	62.0	77.2
1940 monthly average ..	78.6	81.6	71.9	79.1	67.7	68.0	69.2	80.8	71.3	78.3	77.6	63.1	73.3
1941 monthly average ..	87.3	89.1	83.5	86.9	82.4	76.9	91.6	88.3	82.7	80.7	87.3	67.5	90.4
1942 monthly average ..	98.8	98.6	100.6	92.6	105.9	92.9	117.8	97.0	99.6	89.2	100.0	95.5	111.8
1943 monthly average ..	103.1	100.1	112.1	92.9	122.6	116.3	128.7	98.7	106.6	93.7	111.1	121.3	110.3
1944 monthly average ..	104.0	100.8	113.2	94.1	123.3	126.9	124.6	99.6	104.9	94.8	110.5	121.3	106.1
1945 monthly average ..	105.8	101.8	116.8	95.9	128.2	129.7	132.5	100.8	106.2	95.2	111.1	122.8	107.8
1946 monthly average ..	³ 121.1	³ 116.1	134.7	110.8	148.9	155.6	155.6	³ 114.9	130.7	114.5	145.8	129.9	145.9
1947													
January.....	142.0	137.3	152.3	140.8	165.0	162.6	189.6	136.8	156.6	141.4	164.7	131.6	183.4
February.....	145.2	140.5	154.9	144.2	170.4	171.1	201.5	139.4	162.3	142.8	162.0	134.2	199.5
March.....	150.0	143.8	163.1	147.2	182.6	203.3	216.0	142.6	167.9	151.9	157.8	141.5	207.3
April.....	148.0	142.1	160.1	147.5	176.9	199.8	198.9	141.5	162.4	154.0	148.9	142.0	196.7
May.....	147.3	142.0	158.4	146.0	175.4	202.4	198.7	140.9	159.6	151.7	139.0	142.7	203.0
June.....	147.7	142.0	160.2	145.1	177.8	206.0	200.9	140.9	161.8	149.3	141.1	145.2	208.6
July.....	150.6	144.2	165.3	146.1	181.4	202.3	209.9	143.7	167.1	154.4	153.0	139.7	217.9
August.....	153.7	147.9	167.0	148.8	181.6	208.8	215.9	147.3	172.3	153.3	164.3	133.0	234.6
September.....	157.4	151.8	170.9	150.5	186.4	230.3	224.8	150.8	179.2	158.2	170.6	130.1	244.8
October.....	158.5	151.2	175.2	152.6	189.7	241.4	224.5	151.5	177.7	166.7	167.3	130.8	230.0
November.....	159.6	152.4	175.5	154.9	187.9	245.5	211.0	153.1	177.9	172.1	175.9	135.5	217.6
December.....	163.2	154.9	182.0	156.5	196.7	252.7	226.3	155.6	178.4	170.6	183.5	135.4	214.8
Monthly average.....	152.1	146.0	165.6	148.5	181.2	210.8	210.4	145.5	168.7	155.8	161.0	136.8	213.2
1948													
January.....	165.9	158.0	183.9	157.9	199.2	256.3	232.9	158.4	179.8	170.1	183.9	140.7	222.3 ⁴
February.....	161.0	154.7	174.9	156.3	185.3	220.0	210.0	155.5	172.4	160.2	184.8	144.5	206.2
March.....	161.6	156.0	174.7	154.1	186.0	218.0	209.4	156.0	173.8	158.6	179.8	145.7	217.1
April.....	163.0	157.7	175.5	155.4	186.7	217.9	204.4	157.6	176.7	158.0	181.0	148.6	226.0
May.....	164.2	158.6	177.6	155.4	189.1	213.5	219.0	158.5	177.4	156.3	176.6	147.0	233.2
June.....	166.4	159.7	182.6	156.1	196.0	209.2	239.2	159.7	181.4	155.1	181.3	147.7	241.3
July.....	168.8	162.7	184.3	157.5	195.2	190.6	250.8	162.8	188.3	154.5	182.9	151.2	263.8
August.....	169.8	164.6	182.3	161.2	191.5	179.2	250.0	164.7	189.8	154.0	185.1	140.5	273.7
September.....	168.9	164.0	181.0	160.4	189.9	176.9	244.2	164.1	186.9	153.3	179.9	139.4	266.5
October.....	165.4	160.3	177.0	160.0	183.5	170.4	² 223.4	161.2	178.2	149.6	174.9	137.1	² 239.8
November.....	164.0	158.8	175.2	161.0	180.8	171.1	213.4	160.1	174.3	150.5	170.7	139.6	227.4
December.....	162.4	157.6	172.2	160.8	177.3	171.1	204.6	158.9	170.2	150.0	171.2	139.8	220.8
Monthly average.....	165.1	159.4	178.4	158.0	188.3	199.2	225.1	159.8	179.1	155.8	179.3	143.4	236.5
1949													
January.....	160.7	156.1	169.6	160.4	173.0	167.7	194.7	157.7	165.8	148.0	163.6	145.3	214.2
February.....	158.4	154.3	166.1	159.7	168.9	157.2	187.2	155.9	161.6	146.7	159.8	152.4	205.1
March.....	158.6	154.4	167.5	156.9	171.8	162.6	195.0	155.5	162.9	146.5	154.8	151.7	214.8
April.....	157.1	153.1	166.0	153.1	170.8	163.8	189.0	153.8	162.9	145.3	147.2	158.1	216.0
May.....	155.8	151.6	166.1	149.4	171.5	159.9	191.5	152.1	163.8	145.1	145.9	167.3	215.2
June.....	154.5	150.6	164.5	146.5	168.8	154.9	193.3	151.1	162.4	145.6	145.5	157.5	215.5
July.....	153.6	149.8	163.2	146.0	166.2	154.1	188.5	150.6	161.3	146.1	149.2	145.4	212.2
August.....	152.9	149.4	161.3	147.9	162.3	150.4	186.3	150.6	160.6	142.8	152.7	130.3	210.7
September.....	153.5	150.1	162.0	147.8	163.1	156.4	186.6	151.2	162.0	143.7	153.5	126.9	215.1
October.....	152.2	149.1	160.4	145.3	159.6	155.3	177.7	150.3	159.6	144.6	154.6	128.0	205.0
November.....	151.6	148.2	160.4	145.1	156.8	156.4	169.6	150.3	158.9	144.6	154.7	130.7	198.9
December.....	151.2	147.9	159.5	144.7	154.9	160.9	167.0	150.1	155.7	144.6	154.4	132.4	193.5
Monthly average.....	155.0	151.2	163.9	150.2	165.5	158.3	185.5	152.4	161.4	145.3	152.9	143.5	209.7
1950													
January.....	151.4	148.1	159.8	145.0	154.7	160.2	170.5	150.5	154.8	144.3	148.8	134.3	194.5
February.....	152.8	149.1	162.4	144.6	159.1	161.3	179.9	151.1	156.7	144.8	147.5	138.2	201.6
March.....	152.7	148.8	162.8	144.3	159.4	165.4	180.3	151.0	155.5	145.6	144.8	134.9	200.0
April.....	152.8	149.3	162.5	144.1	159.3	169.6	178.0	151.2	155.3	145.9	141.1	137.6	200.6
May.....	155.9	152.1	166.3	145.8	164.7	172.3	194.6	153.7	159.9	146.0	138.0	139.2	217.1
June.....	157.3	153.5	167.7	148.4	165.9	169.3	197.5	155.2	162.1	145.6	135.9	140.5	223.7
July.....	162.9	158.0	175.8	152.9	176.0	173.5	215.8	159.8	171.4	151.2	141.8	137.0	240.7
August.....	166.4	161.2	179.1	159.3	177.6	167.7	217.3	163.7	174.6	154.9	148.0	132.0	240.2
September.....	169.5	164.0	181.8	165.7	180.4	166.5	211.3	166.9	177.2	155.5	154.7	131.0	241.0
October.....	169.1	163.5	180.2	169.3	177.8	165.3	198.7	166.9	172.5	153.8	160.8	129.5	223.7
November.....	171.7	165.1	184.5	173.0	183.7	172.1	197.3	168.8	175.2	154.1	164.1	140.4	223.4
December.....	175.3	169.0	187.1	178.1	187.4	180.9	204.9	172.4	179.0	157.6	164.4	138.0	233.7
Monthly average.....	161.5	156.8	172.4	156.0	170.4	168.5	195.5	159.2	166.2	150.0	149.1	135.9	219.9

For footnotes giving source of data and description of series, see pp. 201, 202.

COMMODITY PRICES—WHOLESALE PRICES—Continued

U.S. DEPARTMENT OF LABOR INDEXES ¹														
Commodities other than farm products and foods														
YEAR AND MONTH	Building materials					Chemicals and allied products					Fuel and lighting materials			
	Total	Brick and tile	Cement ²	Lumber ³	Paint and paint materials ⁴	Total	Chemicals	Drugs and pharmaceutical materials	Fertilizer materials	Oils and fats	Total	Bituminous coal	Electricity	
1926=100														
1935 monthly average...	77.9	85.3	89.4	92.7	81.8	79.8	79.0	88.6	77.6	63.5	61.7	73.5	96.7	87.8
1936 monthly average...	79.6	86.7	88.7	92.2	87.0	80.1	78.7	87.9	80.1	63.3	63.2	76.2	97.4	83.4
1937 monthly average...	85.3	95.2	93.5	89.0	99.7	83.4	82.6	88.2	86.6	69.0	76.8	77.6	98.6	80.4
1938 monthly average...	81.7	90.3	91.0	90.3	87.4	81.3	77.0	86.4	79.0	67.0	49.6	76.5	99.0	84.9
1939 monthly average...	81.3	90.5	91.4	91.3	93.2	82.8	76.0	84.7	78.2	67.9	48.4	73.1	97.5	78.6
1940 monthly average...	83.0	94.8	90.5	90.8	102.9	85.7	77.0	85.1	88.9	69.4	44.3	71.7	97.6	74.5
1941 monthly average...	89.0	103.2	93.7	92.0	122.5	91.4	84.4	87.2	102.6	73.5	77.6	76.2	104.3	68.3
1942 monthly average...	95.5	110.2	98.0	94.0	132.8	100.3	95.5	96.2	116.0	78.7	105.1	78.5	109.7	63.8
1943 monthly average...	96.9	111.4	99.1	93.8	141.4	102.3	94.9	96.5	106.2	80.0	101.9	80.8	116.1	59.5
1944 monthly average...	98.5	115.5	101.7	95.8	153.3	105.2	95.2	96.1	108.8	81.3	102.0	83.0	120.3	59.6
1945 monthly average...	99.7	117.8	112.4	99.4	155.1	106.9	95.2	96.1	109.0	81.6	102.0	84.0	123.1	62.3
1946 monthly average...	109.5	132.6	122.9	104.1	178.4	118.5	101.4	99.8	120.8	87.4	119.1	90.1	132.5	66.6
1947														
January.....	128.4	170.2	132.5	108.4	254.5	166.2	128.3	113.1	181.7	100.0	210.6	97.7	143.4	64.9
February.....	129.4	174.8	132.6	109.9	266.6	168.9	129.3	113.8	182.5	99.2	214.3	98.2	143.7	65.7
March.....	131.7	177.5	132.7	112.3	272.3	171.1	132.2	114.5	182.7	101.8	231.5	100.7	144.0	64.3
April.....	132.4	178.1	134.5	114.0	273.6	170.4	133.5	119.5	181.0	103.5	220.1	103.2	145.3	64.3
May.....	132.3	176.2	134.5	114.0	270.3	164.3	127.1	118.7	173.6	102.5	179.9	103.4	145.5	64.1
June.....	131.6	174.1	134.7	114.3	265.5	158.8	120.8	119.8	156.1	102.3	139.2	104.0	145.9	64.4
July.....	133.5	175.5	143.3	114.9	268.8	155.4	118.8	119.9	137.4	103.8	134.9	109.0	163.2	65.0
August.....	136.2	179.6	144.3	116.9	276.9	154.2	117.5	117.5	136.6	105.7	133.1	112.6	169.9	64.5
September.....	138.3	183.4	145.4	119.1	286.5	157.1	122.3	118.2	136.6	109.8	163.3	114.2	170.3	65.2
October.....	140.1	185.8	146.4	120.1	290.2	160.7	128.6	122.1	137.5	111.5	193.4	116.1	172.6	64.9
November.....	142.1	187.7	148.1	120.6	296.0	161.8	135.8	124.3	151.1	112.4	226.7	118.2	173.7	66.3
December.....	145.5	191.0	148.8	121.6	303.2	164.0	135.0	124.1	154.9	114.4	215.9	124.6	174.3	66.5
Monthly average.....	135.2	179.7	140.0	115.7	277.6	162.6	127.3	118.7	159.1	105.6	187.9	108.7	157.6	65.0
1948														
January.....	148.6	194.1	152.2	126.5	309.6	163.7	139.9	125.8	154.5	115.7	245.3	130.0	177.0	66.4
February.....	147.9	193.5	152.3	127.2	306.1	160.1	135.7	126.6	154.4	115.1	209.3	130.9	177.9	66.6
March.....	148.1	193.9	152.6	127.4	306.1	157.2	137.2	126.9	154.5	114.9	219.7	130.9	177.9	65.7
April.....	149.0	195.7	153.1	127.5	311.5	158.4	137.5	127.2	153.8	115.2	220.7	131.5	178.9	66.1
May.....	149.5	197.0	153.3	128.4	315.2	158.3	136.3	126.9	153.4	115.0	213.8	132.6	181.8	65.4
June.....	149.9	197.4	153.8	128.8	315.5	158.6	137.2	127.2	153.8	113.9	219.8	133.1	182.7	65.7
July.....	151.4	200.0	158.5	132.1	318.5	157.7	135.7	128.8	153.7	115.0	199.7	135.9	193.1	66.4
August.....	153.3	203.8	159.2	132.4	319.9	158.4	133.2	127.2	153.4	114.9	185.1	136.4	194.6	65.5
September.....	153.6	204.1	159.5	132.7	317.4	160.0	134.5	127.0	152.7	116.2	193.6	136.9	195.1	66.3
October.....	153.4	203.7	160.1	133.2	315.4	160.1	135.5	128.5	152.7	117.2	194.5	137.3	195.1	66.5
November.....	153.6	203.1	160.4	133.2	311.2	161.4	134.4	125.8	152.0	119.5	195.1	137.6	195.1	67.3
December.....	153.1	202.2	160.5	133.5	305.9	161.2	131.1	123.4	151.5	120.1	179.4	137.2	195.4	67.7
Monthly average.....	151.0	199.1	156.3	130.4	313.0	159.6	135.7	126.7	153.4	116.1	206.5	134.2	187.0	66.3
1949														
January.....	152.9	202.3	162.5	133.9	299.5	166.3	126.3	122.2	150.4	120.8	146.1	137.0	196.5	67.7
February.....	152.1	201.5	162.4	133.9	296.9	165.6	122.8	119.5	148.9	120.8	131.7	136.2	196.9	68.5
March.....	151.0	200.0	162.4	133.9	294.7	162.5	121.1	118.4	142.3	119.6	129.3	134.4	195.2	67.9
April.....	149.0	196.5	160.8	133.7	290.6	158.1	117.7	117.2	123.0	119.7	121.2	131.9	190.7	67.9
May.....	146.9	193.9	160.8	133.7	285.2	157.7	118.1	116.7	123.6	118.9	127.0	130.1	188.9	68.2
June.....	145.5	191.4	160.8	133.7	280.7	153.8	116.7	116.7	124.3	117.5	116.9	130.0	188.6	68.9
July.....	145.1	189.0	161.5	133.1	277.4	145.4	118.0	117.9	124.7	120.7	118.5	130.1	188.9	70.0
August.....	145.0	188.3	161.5	133.0	277.4	144.0	119.6	117.8	125.0	121.8	130.3	129.6	188.8	68.5
September.....	145.3	189.4	161.8	133.0	279.8	144.1	117.6	117.2	125.0	120.4	118.4	129.9	190.5	68.9
October.....	145.0	189.3	161.8	134.5	282.0	141.4	115.9	115.3	123.1	120.2	115.6	130.6	191.2	70.1
November.....	145.0	189.6	161.9	134.5	283.5	140.1	115.8	115.0	123.0	118.3	118.3	130.2	192.4	70.3
December.....	145.4	190.4	161.9	134.5	285.2	139.6	115.2	114.3	121.6	117.9	118.2	130.4	194.1	69.6
Monthly average.....	147.3	193.4	161.7	133.8	286.0	151.3	118.6	117.3	129.1	119.7	123.8	131.7	191.9	68.9
1950														
January.....	145.8	191.6	163.5	134.8	287.5	139.2	115.3	114.5	121.5	117.4	121.4	131.0	196.2	68.9
February.....	146.0	192.8	163.2	134.9	292.1	139.0	115.0	114.5	121.4	116.9	119.7	131.5	196.7	69.6
March.....	146.1	194.2	163.3	134.9	295.9	138.2	116.2	115.2	121.9	117.3	125.3	131.5	198.5	67.9
April.....	146.3	194.8	163.4	134.9	299.4	136.7	117.0	116.2	122.0	117.4	127.4	130.9	193.4	67.8
May.....	147.6	198.1	163.9	134.9	310.8	136.8	116.4	116.3	122.3	116.8	122.3	131.9	192.6	66.6
June.....	148.7	202.1	164.3	134.9	322.6	137.7	114.5	117.1	122.7	108.6	111.9	132.6	192.1	67.0
July.....	151.6	207.2	165.4	135.3	338.0	138.6	118.1	119.1	129.1	110.1	126.0	133.5	191.9	67.0
August.....	155.5	213.9	167.9	135.5	357.6	142.4	122.5	121.9	135.0	112.1	142.7	134.2	192.5	65.5
September.....	159.2	219.7	170.2	136.3	371.5	145.9	128.7	125.4	153.4	111.4	163.9	134.9	193.2	65.6
October.....	161.5	218.9	177.2	140.2	358.4	145.7	132.2	131.6	161.1	111.2	160.3	135.3	193.3	65.2
November.....	163.7	217.8	177.6	140.8	347.6	148.2	135.7	134.3	163.8	112.0	171.5	135.7	193.3	65.5
December.....	166.7	221.4	179.1	141.2	348.4	154.9	139.6	136.1	175.1	115.6	180.9	135.7	193.2	65.7
Monthly average.....	153.2	206.0	168.2	136.6	327.4	142.0	122.7	122.0	137.8	113.8	139.4	133.2	193.7	66.9

For footnotes giving source of data and description of series, see p. 202.

COMMODITY PRICES—WHOLESALE PRICES—Continued

YEAR AND MONTH	U.S. DEPARTMENT OF LABOR INDEXES ¹												
	Commodities other than farm products and foods												
	Fuel and lighting materials		Hides and leather products				Housefurnishing goods			Metals and metal products			
	Gas	Petroleum and products ²	Total	Hides and skins	Leather	Shoes	Total	Furnishings	Furniture ³	Total	Iron and steel	Non-ferrous metals	Plumbing and heating ⁴
1926=100													
1935 monthly average ..	89.3	51.3	89.6	80.8	80.1	98.0	80.6	84.2	77.0	86.4	86.7	68.6	68.9
1936 monthly average ..	85.2	57.3	95.4	94.6	85.6	99.8	81.7	85.3	78.0	87.0	87.6	71.6	75.0
1937 monthly average ..	82.4	60.5	104.6	113.5	96.8	105.0	89.7	93.4	85.9	95.7	98.2	89.6	78.8
1938 monthly average ..	86.1	55.9	92.8	73.6	83.7	102.2	86.8	90.8	82.8	95.7	98.6	72.8	78.5
1939 monthly average ..	84.1	52.2	95.6	84.6	87.5	102.6	86.3	91.1	81.3	94.4	95.8	78.0	79.2
1940 monthly average ..	82.0	50.0	100.8	91.9	92.5	107.6	88.5	94.7	81.8	95.8	95.1	81.3	80.4
1941 monthly average ..	78.6	57.0	108.3	108.4	97.9	113.5	94.3	99.9	88.4	99.4	96.4	84.4	84.8
1942 monthly average ..	78.4	59.8	117.7	117.6	101.3	125.7	102.4	107.3	97.4	103.8	97.2	85.7	95.4
1943 monthly average ..	76.5	62.5	117.5	114.7	101.3	126.4	102.7	107.2	97.9	103.8	97.2	86.0	90.7
1944 monthly average ..	77.2	63.9	116.7	109.9	101.3	126.3	104.3	107.3	100.9	103.8	97.2	85.8	92.2
1945 monthly average ..	77.9	63.5	118.1	117.0	102.2	126.4	104.5	107.6	102.2	104.7	99.2	85.8	93.4
1946 monthly average ..	80.7	67.5	137.2	147.4	128.6	141.7	111.6	116.6	109.2	115.5	110.3	99.7	103.8
1947													
January.....	80.9	76.5	176.2	198.5	180.4	173.6	126.5	131.9	128.4	139.0	127.7	130.5	116.3
February.....	84.3	76.6	174.1	191.4	178.1	173.6	128.3	135.3	128.5	139.6	128.6	131.4	118.3
March.....	84.9	81.7	175.1	192.2	181.4	173.6	129.0	135.6	128.9	141.1	129.5	139.0	117.0
April.....	84.0	86.3	172.1	178.1	179.7	173.4	129.1	136.6	128.2	141.3	129.8	141.0	117.3
May.....	85.0	86.8	171.5	177.7	176.3	173.8	129.5	136.9	128.5	141.9	129.5	143.9	119.1
June.....	85.8	87.5	173.8	187.1	178.9	173.8	129.7	137.2	128.6	142.0	129.9	142.9	119.1
July.....	85.5	89.8	179.1	203.5	187.4	174.8	129.8	138.1	128.9	143.1	131.7	141.8	123.4
August.....	86.0	92.2	182.8	214.5	191.1	176.5	129.9	138.0	129.1	148.5	138.3	141.8	129.4
September.....	87.0	93.7	185.6	221.1	197.4	176.8	131.3	138.5	131.3	150.1	139.0	142.0	136.0
October.....	86.8	96.5	193.1	243.7	205.0	180.6	132.4	139.4	134.1	150.5	139.3	142.0	136.1
November.....	83.6	99.9	202.5	263.2	216.9	187.0	137.5	140.5	134.7	150.8	139.5	142.2	136.1
December.....	85.4	112.0	203.4	256.9	217.2	190.7	139.4	142.8	136.2	151.5	140.2	143.0	136.1
Monthly average.....	85.0	90.2	182.4	209.8	190.9	177.4	131.1	137.6	130.5	145.0	133.7	140.3	125.4
1948													
January.....	84.5	120.7	200.9	238.9	209.4	194.3	141.3	143.8	139.1	154.3	144.6	145.5	138.8
February.....	85.8	121.7	193.3	207.2	199.6	194.7	141.8	144.4	139.4	155.3	146.3	146.8	138.7
March.....	88.7	121.8	186.3	186.2	185.9	193.8	142.0	144.7	139.4	155.9	147.6	146.8	138.9
April.....	89.1	121.8	187.0	199.3	183.6	191.7	142.3	145.2	139.6	157.2	149.5	149.8	138.9
May.....	89.3	122.1	188.4	218.0	188.2	185.6	142.6	145.8	139.6	157.1	148.9	150.0	143.5
June.....	90.7	122.1	187.7	215.2	186.9	185.8	143.2	146.7	139.9	158.6	149.5	152.1	145.5
July.....	90.4	122.1	189.2	220.3	189.2	186.3	144.5	148.6	140.4	162.2	153.2	153.7	145.5
August.....	86.9	122.1	188.4	212.1	186.0	189.4	145.4	149.3	141.6	171.0	163.2	165.9	153.9
September.....	90.7	122.2	187.4	210.5	181.9	190.0	146.6	151.5	141.6	172.0	164.0	166.4	157.0
October.....	90.9	122.8	185.5	202.0	180.4	189.7	147.5	152.5	142.5	172.4	164.5	167.0	157.3
November.....	92.6	122.8	186.2	206.0	183.8	188.1	148.2	153.6	142.8	173.3	165.0	171.4	157.3
December.....	91.1	122.0	185.3	197.2	186.5	188.0	148.4	153.6	143.1	173.8	165.4	172.5	157.3
Monthly average.....	89.2	122.1	188.8	209.8	188.2	189.7	144.5	148.3	140.8	163.6	155.1	157.5	147.8
1949													
January.....	88.1	121.3	184.8	198.7	185.4	187.8	148.2	153.7	142.8	175.4	169.1	172.5	156.9
February.....	91.9	118.7	182.3	185.9	183.9	187.8	148.5	154.5	142.3	176.3	169.1	172.5	156.1
March.....	92.8	115.9	180.4	181.8	178.9	187.8	148.2	154.2	142.1	175.4	168.3	168.4	155.3
April.....	92.3	113.3	179.9	183.4	177.8	186.9	147.1	152.6	141.5	172.4	166.2	156.4	154.9
May.....	90.9	110.7	179.2	188.2	177.4	184.0	146.3	152.2	140.3	168.9	165.1	138.2	154.8
June.....	90.1	110.4	178.8	186.0	177.1	184.1	145.3	151.1	139.3	167.1	164.6	128.8	154.7
July.....	89.5	110.2	177.8	184.7	175.4	183.8	143.0	149.1	136.8	167.9	164.2	132.1	154.7
August.....	88.9	109.7	178.9	194.5	173.7	183.8	142.9	149.1	136.6	168.2	163.8	135.9	154.7
September.....	89.3	109.1	181.1	204.8	175.5	183.8	142.9	149.1	136.6	168.2	164.0	135.7	154.6
October.....	87.8	109.9	181.3	205.6	176.5	183.4	143.0	149.2	136.7	167.3	163.3	131.5	154.6
November.....	88.3	108.5	180.8	199.5	177.0	184.3	143.4	149.9	136.8	167.3	163.4	131.7	154.6
December.....	87.2	108.5	179.9	192.8	178.1	184.3	144.2	151.2	137.0	167.8	165.4	129.2	154.6
Monthly average.....	89.8	112.2	180.4	192.2	178.0	185.1	145.3	151.3	139.1	170.2	165.7	144.3	154.8
1950													
January.....	85.0	109.4	179.3	189.0	177.6	184.3	144.9	151.5	138.1	168.5	167.6	128.6	151.7
February.....	87.4	109.4	179.0	188.2	176.6	184.3	145.2	151.8	138.5	168.7	169.1	128.1	148.7
March.....	88.3	108.6	179.6	190.4	177.9	184.3	145.5	152.2	138.6	168.6	169.2	127.2	151.9
April.....	86.8	109.5	179.4	187.2	179.1	184.3	145.8	152.6	138.8	168.8	169.1	128.9	154.7
May.....	87.2	112.6	181.0	194.4	179.3	185.0	146.6	154.1	138.9	169.9	168.8	136.3	156.4
June.....	87.3	113.9	182.6	202.1	180.6	184.8	146.9	154.2	139.4	171.9	169.4	148.4	156.4
July.....	88.3	115.5	187.2	219.8	185.3	185.8	148.7	156.2	141.0	172.4	169.8	150.6	156.5
August.....	88.1	116.8	195.6	238.2	192.3	191.4	153.9	162.8	144.6	174.3	171.0	156.3	164.6
September.....	89.0	117.8	203.0	264.7	196.8	194.9	159.2	168.1	149.9	176.7	172.2	166.1	166.9
October.....	88.9	118.0	208.6	266.3	201.3	200.5	163.8	173.6	153.6	178.6	173.2	173.3	177.2
November.....	90.5	118.1	211.5	269.3	204.9	203.7	166.9	176.6	156.7	180.4	174.0	181.7	182.5
December.....	90.2	118.0	218.7	277.5	213.8	209.3	170.2	180.6	159.2	184.9	182.1	182.5	183.6
Monthly average.....	88.1	113.9	191.9	222.9	188.7	191.0	153.2	161.2	144.8	173.6	171.3	150.5	162.6

For footnotes giving source of data and description of series, see p. 202.

COMMODITY PRICES—WHOLESALE PRICES AND PURCHASING POWER OF THE DOLLAR

YEAR AND MONTH	WHOLESALE PRICES, U. S. DEPARTMENT OF LABOR INDEXES ¹										PURCHASING POWER OF THE DOLLAR ²		
	Commodities other than farm products and foods										As measured by—		
	Textile products							Miscellaneous			Whole-sale prices	Con-sumers' prices	Retail food prices
	Total	Cloth-ing	Cotton goods	Hosiery and under-wear	Rayon and nylon ²	Silk ²	Woolen and worsted goods ³	Total	Tires and tubes ⁴	Paper and pulp			
1926 = 100										1935-39 = 100			
1935 monthly average...	70.9	79.8	83.4	61.8	31.2	30.3	76.1	68.3	45.7	80.0	100.5	101.9	99.5
1936 monthly average...	71.5	81.1	80.3	61.2	31.8	31.5	82.9	70.5	47.2	80.7	99.6	100.9	98.6
1937 monthly average...	76.3	87.9	84.3	65.1	33.3	32.7	91.1	77.8	55.8	91.7	93.2	97.4	94.9
1938 monthly average...	66.7	82.9	65.4	60.3	28.9	29.6	77.4	73.3	57.7	85.0	102.3	99.2	102.1
1939 monthly average...	69.7	82.0	67.2	61.4	28.8	46.1	79.8	74.8	58.6	82.4	104.3	100.6	104.9
1940 monthly average...	73.8	85.2	71.4	62.3	29.5	46.8	85.7	77.3	51.6	91.7	102.3	99.8	103.4
1941 monthly average...	84.8	92.6	94.2	63.1	29.7	⁵ 47.6	96.6	82.0	55.4	98.2	92.1	95.1	94.7
1942 monthly average...	96.9	106.9	112.4	70.5	30.3	.....	110.4	89.7	67.3	100.8	81.4	85.8	80.6
1943 monthly average...	97.4	107.0	112.7	70.8	30.3	.....	112.5	92.2	69.7	104.1	78.0	80.8	72.4
1944 monthly average...	98.4	107.1	115.7	70.9	30.2	.....	112.7	93.6	68.6	107.1	77.4	79.6	73.4
1945 monthly average...	100.1	107.4	121.4	71.7	30.2	.....	112.7	94.7	66.0	108.8	76.0	77.8	71.8
1946 monthly average...	116.3	119.3	150.5	82.1	30.7	⁶ 122.0	115.7	100.3	66.2	119.4	⁷ 66.4	71.7	62.6
1947													
January.....	138.2	133.9	189.2	99.2	34.0	101.2	120.6	110.9	66.6	141.3	56.6	65.1	54.3
February.....	139.5	134.2	197.7	100.0	37.0	80.2	121.9	111.7	66.7	144.2	55.4	65.1	54.8
March.....	140.5	134.5	199.2	100.8	37.0	69.5	127.6	115.6	66.7	146.0	53.7	63.8	52.7
April.....	140.3	134.5	197.3	100.8	37.0	69.4	129.2	116.1	66.7	152.9	54.4	63.9	53.1
May.....	139.9	135.4	195.4	100.8	37.0	67.9	129.2	116.9	66.7	156.8	54.6	63.9	53.2
June.....	139.9	135.4	196.2	100.8	37.0	68.4	129.2	⁴ 113.5	62.5	156.7	54.5	63.5	52.4
July.....	140.5	135.8	198.5	100.4	37.0	68.2	130.1	113.2	60.8	156.6	53.4	63.0	51.7
August.....	141.8	135.8	201.8	99.9	37.0	68.2	133.3	113.1	60.8	158.1	52.4	62.2	50.8
September.....	142.4	135.9	202.5	99.9	37.0	68.3	133.8	115.9	60.8	159.5	51.1	60.9	49.1
October.....	143.4	136.2	204.7	100.0	37.0	71.2	134.3	117.1	60.8	159.8	50.8	60.9	49.6
November.....	145.2	137.1	209.3	101.4	37.0	73.3	134.9	118.8	61.0	160.7	50.4	60.5	49.3
December.....	148.0	137.8	213.7	103.0	40.0	73.3	139.6	121.5	63.4	164.7	49.3	59.7	48.3
Monthly average.....	141.7	135.6	200.6	100.6	37.0	73.3	130.5	115.5	63.6	155.1	52.8	62.7	51.5
1948													
January.....	149.4	144.1	214.8	104.4	40.7	⁸ 46.4	³ 147.3	123.6	63.4	168.1	48.5	59.1	47.7
February.....	150.0	145.6	214.9	105.0	40.7	46.4	148.4	120.1	63.4	167.4	50.0	59.5	48.9
March.....	151.1	146.2	218.3	105.4	40.7	46.4	151.2	120.8	63.4	167.3	49.8	59.7	49.4
April.....	151.7	147.3	219.2	105.4	40.7	46.4	153.9	121.8	63.4	167.5	49.3	58.9	48.1
May.....	152.1	147.4	217.8	105.4	40.7	46.4	156.4	121.5	63.5	167.4	49.0	58.4	47.4
June.....	151.4	146.8	213.1	105.4	40.7	46.4	156.4	121.5	63.5	167.3	48.3	58.0	46.7
July.....	150.8	148.2	209.3	104.7	40.7	46.4	156.4	120.3	66.2	166.8	47.6	57.3	46.1
August.....	150.4	148.7	205.3	104.7	41.6	46.4	158.4	119.7	66.2	169.0	47.4	57.1	46.2
September.....	149.3	148.6	199.8	104.5	41.8	46.4	158.9	119.9	66.2	170.9	47.6	57.1	46.5
October.....	148.3	148.8	195.0	104.3	41.8	46.4	159.6	119.0	66.2	170.2	48.7	57.3	47.3
November.....	147.4	149.1	191.2	104.0	41.8	46.4	159.6	119.2	66.2	169.9	49.1	57.8	48.2
December.....	146.7	148.8	189.2	103.7	41.8	46.4	159.6	118.5	66.2	169.5	49.5	58.1	48.8
Monthly average.....	149.8	147.5	207.1	104.7	41.2	46.4	155.6	120.5	64.8	168.5	48.7	58.2	47.6
1949													
January.....	146.1	147.7	186.9	102.5	² 41.8	² 50.1	161.6	117.3	65.5	168.3	50.0	58.2	48.8
February.....	145.2	147.3	184.8	101.3	41.8	50.1	162.1	115.3	64.7	168.0	50.8	58.9	50.0
March.....	143.8	147.1	180.1	101.2	41.8	50.1	161.8	115.7	64.6	167.2	50.8	58.7	49.6
April.....	142.1	146.4	176.0	101.2	41.8	50.1	160.9	115.6	64.6	165.1	51.2	58.6	49.3
May.....	140.4	146.0	172.1	100.3	40.8	50.1	159.7	113.5	64.5	163.3	51.6	58.8	49.4
June.....	139.1	145.6	169.3	99.5	39.6	49.2	159.7	111.0	62.1	159.6	52.0	58.6	48.9
July.....	138.0	144.8	167.3	98.4	39.6	49.2	157.6	110.3	60.6	156.8	52.4	59.0	49.6
August.....	138.1	144.8	170.2	98.4	39.6	49.2	152.6	109.8	60.6	156.8	52.6	58.9	49.4
September.....	139.0	144.8	174.8	98.4	39.6	49.2	150.4	109.6	60.6	156.5	52.4	58.6	49.0
October.....	138.0	144.6	176.5	98.4	39.6	49.2	145.1	109.0	60.7	156.5	52.8	58.9	49.9
November.....	138.0	144.2	177.9	98.4	39.6	49.5	146.0	109.7	62.5	156.5	53.1	58.9	49.8
December.....	138.4	144.0	178.4	98.4	39.6	49.9	146.9	110.7	64.3	156.0	53.2	59.2	50.5
Monthly average.....	140.4	145.6	176.1	99.5	40.5	49.6	155.2	112.3	62.9	160.8	51.9	58.8	49.5
1950													
January.....	138.5	143.9	178.7	98.5	39.6	50.1	147.0	110.0	64.3	155.9	53.1	59.5	50.9
February.....	138.2	143.1	178.4	98.6	39.9	50.1	147.2	110.0	64.3	155.6	52.7	59.6	51.2
March.....	137.3	143.5	176.5	98.0	39.9	49.1	146.3	110.7	64.3	155.5	52.7	59.4	50.8
April.....	136.4	144.2	172.8	97.7	39.9	49.1	146.1	112.6	65.0	155.4	52.6	59.3	50.6
May.....	136.1	143.9	172.0	97.7	39.9	49.3	146.2	114.7	65.8	155.4	51.6	59.1	50.0
June.....	136.8	143.9	173.8	97.7	39.9	49.3	148.3	114.7	67.0	155.6	51.2	58.8	49.2
July.....	142.6	144.3	190.7	99.2	40.7	60.3	150.9	119.0	68.7	159.8	49.4	58.1	48.0
August.....	149.5	145.2	206.8	101.2	41.3	65.6	157.7	124.3	75.0	163.9	48.3	57.7	47.6
September.....	158.3	146.7	221.6	105.3	41.7	64.9	178.7	127.4	77.4	167.1	47.5	57.3	47.6
October.....	163.1	147.7	225.7	109.2	42.5	65.3	189.1	131.3	78.1	173.4	47.5	56.9	47.5
November.....	166.8	151.4	231.7	111.4	42.7	69.0	192.7	137.6	82.3	178.7	46.8	56.7	47.4
December.....	171.4	155.4	236.6	113.7	43.0	75.0	195.6	140.5	82.5	189.0	45.8	55.9	46.2
Monthly average.....	148.0	146.0	187.0	102.3	40.9	58.0	163.0	120.9	71.2	163.5	49.8	58.2	48.9

For footnotes giving source of data and description of series, see p. 202.

CONSTRUCTION AND REAL ESTATE—CONSTRUCTION ACTIVITY

YEAR AND MONTH	NEW CONSTRUCTION ¹																
	Total	Private									Public						
		Total	Residential (nonfarm)			Nonresidential building (except farm and public utility) ²			Farm construction	Public utility	Total	Residential	Nonresidential building	Military and naval	Highway	Conservation and development	Other types
			Total	New dwelling units	Additions and alterations	Total	Industrial	Commercial									
Millions of dollars																	
1935 monthly average ..	353	167	84	59	21	39	13	18	11	30	186	1	27	3	70	58	26
1936 monthly average ..	541	248	130	101	25	59	22	24	13	43	293	5	58	2	114	55	59
1937 monthly average ..	583	325	156	123	27	90	41	32	17	59	258	8	46	3	102	50	49
1938 monthly average ..	582	297	166	135	25	64	19	24	14	50	285	3	56	5	118	46	57
1939 monthly average ..	683	366	223	189	27	66	21	24	18	57	317	5	81	10	115	48	58
1940 monthly average ..	724	421	249	213	28	85	37	29	20	64	302	17	51	32	109	44	50
1941 monthly average ..	996	517	293	253	31	124	67	34	26	73	479	36	137	135	89	42	41
1942 monthly average ..	1,173	285	143	120	19	53	29	13	22	66	888	45	307	418	61	30	27
1943 monthly average ..	692	165	74	59	13	19	13	3	24	48	527	62	168	213	37	24	24
1944 monthly average ..	438	182	68	48	18	29	17	5	24	60	256	18	113	70	30	14	12
1945 monthly average ..	469	270	92	60	28	85	54	17	22	69	200	7	78	58	33	11	14
1946 monthly average ..	1,000	803	335	275	48	278	141	94	71	115	197	31	30	16	75	20	26
1947																	
January.....	1,017	838	358	310	35	275	159	71	76	125	179	40	27	13	49	19	31
February.....	983	804	338	290	36	259	152	63	80	123	179	40	29	12	48	20	30
March.....	1,026	827	347	295	41	241	145	54	88	146	199	26	37	12	64	21	39
April.....	1,132	887	384	322	52	239	142	55	100	159	245	17	46	15	96	25	46
May.....	1,255	977	441	370	60	241	141	59	116	174	278	9	51	15	124	29	50
June.....	1,407	1,088	497	421	66	250	140	67	127	207	319	9	51	15	157	34	53
July.....	1,527	1,180	554	472	72	256	139	69	135	227	347	9	55	19	170	38	56
August.....	1,626	1,252	604	518	76	261	139	71	139	241	374	11	57	22	183	42	59
September.....	1,691	1,301	646	559	77	268	138	76	129	250	390	8	61	22	194	44	61
October.....	1,745	1,343	701	611	80	278	137	84	108	250	402	11	62	23	200	45	61
November.....	1,685	1,352	737	651	77	290	136	94	92	227	333	10	59	19	151	41	53
December.....	1,533	1,282	703	631	63	284	134	93	82	209	251	10	64	17	78	36	46
Monthly average.....	1,386	1,094	526	454	61	262	142	71	106	195	291	17	50	17	126	33	49
1948																	
January.....	1,357	1,126	585	520	57	271	130	84	82	185	231	12	65	14	63	33	44
February.....	1,232	1,033	491	430	52	266	125	84	87	184	199	9	61	12	48	30	39
March.....	1,407	1,153	575	510	55	267	120	89	96	209	254	10	74	14	67	37	52
April.....	1,585	1,267	659	572	76	265	116	89	110	227	318	12	85	14	104	42	61
May.....	1,818	1,415	755	648	93	279	111	99	129	245	403	11	96	14	163	50	69
June.....	2,011	1,536	816	706	96	305	110	116	143	264	475	12	106	13	210	59	75
July.....	2,126	1,599	843	732	96	324	110	127	152	273	527	13	119	14	242	59	80
August.....	2,206	1,633	853	745	93	333	113	125	156	286	573	17	133	15	257	66	85
September.....	2,174	1,614	835	732	88	338	116	122	143	293	560	15	138	15	234	73	85
October.....	2,078	1,540	791	695	81	332	116	113	117	295	538	16	144	13	218	67	80
November.....	1,895	1,444	728	639	74	330	116	109	98	284	451	14	141	11	153	59	73
December.....	1,683	1,305	649	571	64	311	114	96	84	257	378	15	139	9	97	54	64
Monthly average.....	1,798	1,389	715	625	77	302	116	104	116	250	409	13	108	13	155	52	67
1949																	
January.....	1,516	1,158	560	492	54	290	110	85	83	221	358	16	139	8	89	43	63
February.....	1,404	1,073	482	420	49	274	104	80	87	225	331	17	135	8	68	41	62
March.....	1,508	1,125	502	435	53	266	96	81	94	258	383	22	153	8	84	47	69
April.....	1,632	1,183	547	465	67	257	89	78	105	268	449	26	158	9	127	58	71
May.....	1,865	1,311	637	544	76	262	81	86	121	285	554	25	167	9	205	70	78
June.....	2,038	1,428	712	614	81	272	76	94	131	305	610	33	173	11	238	78	79
July.....	2,116	1,480	756	658	81	273	72	93	138	305	636	32	176	12	256	76	84
August.....	2,194	1,513	781	688	77	271	71	89	140	313	681	37	188	15	275	79	87
September.....	2,216	1,514	810	716	78	262	69	83	127	308	702	40	220	15	255	80	92
October.....	2,180	1,508	834	742	76	264	68	84	104	299	672	41	217	16	233	79	86
November.....	2,053	1,487	840	753	72	270	68	88	87	283	566	36	182	14	184	74	76
December.....	1,862	1,401	806	730	61	267	68	86	75	246	461	34	160	12	117	68	70
Monthly average.....	1,882	1,348	689	605	69	269	81	86	108	276	534	30	172	11	177	66	76
1950																	
January.....	1,719	1,294	744	682	51	257	69	79	74	210	425	35	154	10	102	55	69
February.....	1,617	1,253	714	652	51	252	70	77	77	201	364	28	154	8	63	49	62
March.....	1,779	1,330	753	687	55	249	69	77	84	235	449	29	171	8	112	60	69
April.....	2,007	1,478	881	799	70	249	70	77	94	243	529	28	183	9	164	72	73
May.....	2,278	1,694	1,036	941	82	274	73	92	109	262	584	27	203	8	188	81	77
June.....	2,565	1,892	1,178	1,072	92	305	78	110	118	278	673	28	201	9	266	87	82
July.....	2,696	2,016	1,269	1,161	93	324	84	116	125	287	680	24	202	10	273	86	85
August.....	2,817	2,090	1,322	1,212	93	333	91	114	127	297	727	27	213	16	295	87	89
September.....	2,848	2,095	1,322	1,211	94	354	101	121	115	297	753	28	230	21	298	84	92
October.....	2,773	2,025	1,247	1,145	84	382	112	136	95	294	748	30	247	28	265	84	94
November.....	2,569	1,901	1,131	1,040	73	403	120	149	81	279	668	31	228	26	221	76	86
December.....	2,234	1,721	1,003	923	62	395	125	140	71	247	513	30	216	24	103	65	75
Monthly average.....	2,325	1,732	1,050	960	75	315	89	107	98	261	593	29	200	15	196	74	79

For footnotes giving source of data and description of series, see pp. 202, 203.

CONSTRUCTION AND REAL ESTATE—CONTRACT AWARDS

YEAR AND MONTH	CONSTRUCTION CONTRACTS AWARDED IN 37 STATES (F. W. DODGE CORPORATION) ¹												
	Total construction				Nonresidential buildings								
	Total projects	Valuation			Total			Commercial			Educational and science		
		Total	By ownership		Projects	Floor area	Valuation	Projects	Floor area	Valuation	Projects	Floor area	Valuation
			Public	Private									
Number	Thousands of dollars			Number	Thousands of square feet	Thousands of dollars	Number	Thousands of square feet	Thousands of dollars	Number	Thousands of square feet	Thousands of dollars	
1935 monthly average...	9,458	153,712	83,925	69,787	2,990	9,513	56,748	1,804	2,949	13,707	301	2,171	14,022
1936 monthly average...	11,442	222,942	111,186	111,756	3,154	15,230	79,982	1,868	4,765	20,761	341	3,499	18,249
1937 monthly average...	14,455	242,755	95,995	146,760	3,246	17,006	96,347	1,934	5,190	24,754	278	3,041	18,601
1938 monthly average...	15,818	266,411	142,060	124,351	3,207	15,479	89,345	1,443	3,482	17,984	498	4,752	27,839
1939 monthly average...	20,448	295,879	142,353	153,525	3,328	14,900	80,470	1,643	4,067	20,576	310	2,868	16,784
1940 monthly average...	27,269	333,663	150,180	183,483	4,819	22,339	107,887	1,915	5,549	26,527	299	2,063	12,267
1941 monthly average...	37,027	500,623	291,011	209,612	6,550	36,691	192,973	2,040	8,821	39,264	314	2,042	11,741
1942 monthly average...	37,467	687,922	595,501	92,420	9,292	70,627	324,727	1,302	6,173	25,187	363	2,549	12,327
1943 monthly average...	15,676	272,833	224,592	48,240	3,556	20,388	118,688	515	1,848	10,062	224	997	5,201
1944 monthly average...	9,039	166,168	119,591	46,577	2,863	12,963	74,953	604	1,041	6,737	244	816	5,769
1945 monthly average...	11,637	274,942	109,279	165,663	3,920	23,844	154,204	1,449	5,266	28,864	162	1,038	8,353
1946 monthly average...	36,535	624,144	146,196	477,948	4,356	35,992	226,358	2,159	9,880	64,436	178	2,157	18,448
1947													
January.....	27,619	571,628	166,672	404,956	3,096	25,700	200,312	1,401	4,305	38,078	138	2,291	19,680
February.....	24,321	442,197	95,770	346,427	3,006	21,488	143,258	1,507	5,094	45,699	142	1,428	13,494
March.....	32,268	596,755	143,316	453,439	3,670	22,242	191,903	1,785	5,946	52,059	199	2,063	21,445
April.....	29,957	602,338	177,272	425,066	3,905	26,034	184,317	1,921	9,298	66,171	222	2,535	22,723
May.....	27,769	674,657	233,873	440,784	4,554	30,238	235,899	2,166	7,812	58,898	343	5,256	47,735
June.....	24,044	605,070	226,471	378,599	4,355	27,561	209,942	2,003	7,816	57,772	360	3,950	40,057
July.....	28,734	660,254	202,571	457,683	4,912	32,123	253,512	2,495	9,570	79,640	450	3,825	38,450
August.....	31,885	823,216	217,811	605,405	4,915	41,682	290,807	2,506	17,745	76,680	350	3,763	45,610
September.....	27,185	649,996	192,660	457,336	4,213	26,463	239,915	2,279	3,622	75,639	257	5,330	42,848
October.....	36,339	793,286	208,947	584,339	5,134	33,488	277,888	2,788	9,674	79,601	266	4,342	41,083
November.....	29,793	715,108	223,505	491,603	4,249	28,552	243,416	2,211	10,201	83,634	233	2,748	27,200
December.....	21,696	625,363	207,481	417,882	3,252	33,088	244,495	1,693	7,953	65,226	179	3,511	31,528
Monthly average.....	28,468	646,656	191,362	455,293	4,105	29,055	226,305	2,063	8,253	64,925	262	3,420	32,654
1948													
January.....	23,125	615,206	196,530	418,676	3,295	27,719	240,544	1,695	8,746	74,497	195	6,162	58,685
February.....	20,557	681,967	248,443	433,524	3,205	29,097	272,395	1,640	7,540	75,499	227	4,098	37,821
March.....	27,999	689,763	181,044	508,719	3,622	25,671	248,939	1,790	7,890	78,459	257	4,655	50,259
April.....	37,061	873,882	238,330	635,552	4,746	34,478	337,603	2,297	9,261	88,791	355	5,626	55,448
May.....	37,282	970,789	298,213	672,576	4,907	40,413	395,971	2,286	10,436	103,288	427	8,107	83,774
June.....	33,088	935,198	324,226	610,972	4,546	33,802	364,211	2,021	8,855	83,111	493	5,901	63,546
July.....	36,216	962,685	334,501	628,184	5,294	44,609	395,104	2,240	10,762	106,283	653	9,957	103,116
August.....	33,801	854,091	275,510	578,581	4,642	33,954	308,750	2,040	8,309	77,804	472	5,675	55,844
September.....	29,080	762,192	259,381	502,811	4,505	28,833	279,862	1,996	8,498	80,384	376	5,010	54,519
October.....	29,761	778,606	261,988	516,618	4,675	33,118	316,354	2,110	8,471	83,802	335	5,186	48,369
November.....	25,264	611,216	198,699	412,517	3,529	25,077	240,310	1,575	6,293	60,161	281	4,650	47,021
December.....	24,143	694,023	278,147	415,876	3,374	28,335	266,399	1,461	5,541	62,877	287	7,318	66,199
Monthly average.....	29,781	785,802	258,918	526,884	4,195	32,092	305,537	1,929	8,384	81,246	363	6,029	60,383
1949													
January.....	15,597	482,984	159,942	323,042	2,901	21,685	221,883	1,327	5,522	62,631	231	3,939	38,076
February.....	16,510	568,467	251,866	316,601	2,929	21,646	221,895	1,342	5,517	58,823	265	4,373	44,665
March.....	24,281	747,619	281,947	465,672	3,695	27,953	327,441	1,714	8,434	88,416	357	5,875	60,411
April.....	31,570	842,586	318,506	524,080	4,154	31,929	316,370	1,930	9,195	91,984	413	6,936	68,433
May.....	33,474	880,344	368,551	511,793	4,138	30,166	320,830	1,855	6,573	68,505	470	7,052	76,001
June.....	37,203	945,676	375,431	570,245	4,578	32,961	335,961	1,804	7,376	70,856	654	7,695	81,374
July.....	32,579	943,560	410,352	533,208	4,384	33,283	350,282	1,757	7,616	73,372	736	8,299	91,229
August.....	37,662	905,748	316,409	589,339	4,318	25,746	278,031	1,961	6,378	64,442	573	6,836	72,867
September.....	46,925	1,093,724	288,754	804,970	4,186	32,448	345,023	1,939	9,426	103,901	465	7,311	78,588
October.....	43,782	1,061,751	331,892	729,859	4,528	32,004	357,085	2,163	7,486	82,772	401	8,018	83,556
November.....	40,132	957,761	315,683	642,078	3,518	25,495	266,103	1,620	6,291	58,591	301	6,189	62,308
December.....	34,704	929,030	298,714	630,316	3,293	28,345	303,205	1,491	6,632	60,695	326	6,525	66,875
Monthly average.....	32,868	863,271	309,837	553,434	3,885	28,636	303,659	1,742	7,204	73,749	433	6,587	68,699
1950													
January.....	30,989	730,855	200,541	530,314	2,882	22,297	235,294	1,394	5,934	60,635	271	5,689	63,461
February.....	35,715	779,530	284,925	494,605	3,017	24,790	265,567	1,461	5,847	58,329	282	5,900	58,006
March.....	53,494	1,300,201	480,972	819,229	4,373	37,539	500,658	2,014	8,840	88,575	479	9,136	96,262
April.....	59,616	1,350,496	354,115	996,381	4,998	43,071	448,619	2,359	10,657	106,792	563	10,067	97,020
May.....	65,305	1,347,603	388,643	958,960	5,204	40,482	408,543	2,363	10,419	96,387	636	9,286	100,186
June.....	60,658	1,345,463	428,264	917,199	5,090	45,254	443,996	2,094	10,673	97,677	832	12,103	128,280
July.....	60,942	1,420,181	459,921	960,260	5,085	46,580	487,115	2,210	12,220	117,356	783	10,922	121,167
August.....	70,449	1,548,876	437,770	1,111,106	5,987	51,741	540,989	2,808	14,430	137,850	723	10,252	113,095
September.....	50,284	1,286,541	364,298	922,243	5,094	47,458	498,725	2,408	12,899	137,157	561	11,007	119,364
October.....	49,604	1,135,815	308,118	827,697	4,830	42,583	426,820	2,263	10,550	104,483	415	8,286	86,284
November.....	46,856	1,087,062	320,426	766,636	4,868	41,472	434,894	2,194	10,009	94,356	443	9,998	109,431
December.....	40,168	1,168,432	381,330	787,102	4,532	40,069	490,375	2,065	9,952	108,882	387	7,908	87,231
Monthly average.....	52,007	1,208,421	367,444	840,978	4,663	40,278	431,800	2,138	10,203	100,707	531	9,213	96,316

For footnotes giving source of data and description of series, see p. 203.

CONSTRUCTION AND REAL ESTATE—CONTRACT AWARDS—Continued

YEAR AND MONTH	CONSTRUCTION CONTRACTS AWARDED IN 37 STATES (F. W. DODGE CORPORATION) ¹														
	Nonresidential buildings														
	Hospital and institutional			Manufacturing			Public			Religious			Social and recreational		
	Proj- ects	Floor area	Valua- tion	Proj- ects	Floor area	Valua- tion	Proj- ects	Floor area	Valua- tion	Proj- ects	Floor area	Valua- tion	Proj- ects	Floor area	Valua- tion
	Number	Thous. of sq. ft.	Thous. of dol.	Number	Thous. of sq. ft.	Thous. of dol.	Number	Thous. of sq. ft.	Thous. of dol.	Number	Thous. of sq. ft.	Thous. of dol.	Number	Thous. of sq. ft.	Thous. of dol.
1935 monthly average ..	61	515	3,921	322	1,720	9,072	152	1,127	8,149	127	295	1,973	222	659	4,571
1936 monthly average ..	67	864	6,177	380	3,358	16,502	138	1,190	8,517	133	359	2,354	227	1,071	6,240
1937 monthly average ..	75	951	6,820	421	5,068	26,141	118	1,039	8,742	155	478	3,072	232	1,129	6,986
1938 monthly average ..	99	1,436	9,633	333	2,104	10,090	203	1,297	9,505	157	442	2,985	225	1,474	8,999
1939 monthly average ..	82	966	6,905	493	3,689	14,571	143	1,260	9,170	170	518	3,203	227	1,031	6,850
1940 monthly average ..	140	1,200	7,839	733	7,898	36,869	209	989	6,687	190	592	3,804	233	992	5,214
1941 monthly average ..	237	1,283	7,374	1,321	15,660	98,460	117	1,204	7,447	218	714	4,378	230	1,230	6,509
1942 monthly average ..	449	2,840	15,412	1,743	37,171	185,622	963	1,651	8,467	120	290	1,959	639	1,944	8,442
1943 monthly average ..	257	1,662	9,227	816	8,819	63,854	333	396	2,055	62	83	592	226	1,072	4,851
1944 monthly average ..	94	636	4,936	1,058	7,030	39,388	107	167	989	80	118	968	117	425	2,723
1945 monthly average ..	210	944	9,381	1,209	13,184	85,585	72	155	1,322	126	381	2,904	139	675	5,027
1946 monthly average ..	85	1,270	10,905	1,317	19,603	109,771	56	184	2,092	145	700	5,635	159	941	7,708
1947															
January.....	81	2,059	42,311	1,040	15,398	86,456	55	120	2,070	106	465	3,907	113	507	4,786
February.....	51	1,799	24,638	877	11,172	73,949	58	224	2,790	95	384	3,358	120	561	4,072
March.....	63	693	6,932	1,043	10,870	82,090	89	386	8,133	174	961	8,405	156	779	7,947
April.....	72	559	5,288	1,079	10,937	65,606	107	699	6,629	167	642	6,819	184	867	7,758
May.....	75	1,319	11,515	1,151	11,040	71,278	116	447	5,987	265	1,042	11,212	226	1,152	10,325
June.....	103	1,071	12,181	1,074	10,963	66,813	125	796	7,653	285	1,136	11,124	176	1,005	7,575
July.....	79	1,225	10,998	1,013	12,903	82,283	164	582	6,375	272	1,554	15,315	207	1,234	11,065
August.....	89	3,576	32,208	1,046	11,160	87,956	113	463	5,148	312	1,286	13,153	223	1,681	15,036
September.....	81	1,192	9,793	912	11,850	73,840	90	774	7,202	222	1,440	11,982	209	1,385	11,083
October.....	90	1,420	19,804	1,034	13,343	95,503	115	542	6,221	334	1,471	13,059	217	1,239	12,238
November.....	79	2,352	19,182	958	8,561	72,134	125	561	6,724	201	1,206	11,061	252	1,939	16,511
December.....	76	2,650	26,440	748	14,793	83,519	90	726	8,210	135	695	8,113	147	1,886	13,686
Monthly average.....	78	1,660	16,001	998	11,916	78,452	104	527	6,095	214	1,024	9,792	169	1,186	10,174
1948															
January.....	67	2,042	19,079	777	7,722	54,084	72	445	5,365	153	942	9,848	194	1,031	10,929
February.....	74	4,617	50,780	701	9,553	71,897	85	291	4,123	150	1,413	15,445	194	1,090	11,588
March.....	82	1,598	21,155	762	7,517	55,259	75	577	7,524	210	985	10,836	226	1,297	15,518
April.....	104	3,315	33,912	930	9,877	82,177	121	616	7,999	322	2,230	31,822	274	1,959	20,325
May.....	112	4,077	47,954	918	11,100	91,861	99	341	4,363	367	2,234	24,761	357	2,464	25,688
June.....	118	3,916	45,547	802	8,950	103,782	137	891	12,379	344	1,398	17,843	306	1,923	20,586
July.....	131	3,287	33,725	922	13,537	72,884	149	641	9,230	401	2,665	31,278	357	2,090	22,635
August.....	107	2,482	26,583	819	10,653	77,656	119	330	5,433	390	2,776	27,302	304	2,091	21,120
September.....	110	1,240	22,315	817	7,163	53,625	132	478	6,204	386	2,455	25,720	284	2,351	23,918
October.....	138	3,239	39,193	847	9,447	70,716	130	474	7,587	337	1,899	22,580	319	2,245	24,464
November.....	104	3,018	36,987	629	6,626	49,607	99	426	4,961	280	1,326	15,339	245	1,535	15,698
December.....	112	2,656	27,703	635	7,548	56,261	120	674	8,334	200	1,139	12,461	220	1,896	19,891
Monthly average.....	105	2,957	33,744	797	9,141	69,984	112	515	6,959	295	1,764	20,436	273	1,831	19,363
1949															
January.....	109	2,817	32,204	511	5,605	43,584	98	473	6,482	208	1,392	16,296	195	1,090	14,363
February.....	96	3,161	31,541	441	4,393	37,838	137	310	5,179	206	1,379	15,936	187	994	11,322
March.....	113	2,083	22,549	494	4,723	66,173	129	1,336	31,090	294	1,937	21,710	272	1,814	19,724
April.....	154	3,519	41,878	520	5,618	43,766	136	357	6,236	368	2,411	26,620	288	2,050	20,541
May.....	138	3,348	41,588	476	5,402	51,513	160	461	6,095	357	2,091	23,080	295	2,233	21,921
June.....	203	5,244	65,238	487	5,407	45,396	180	671	7,952	398	2,379	26,167	308	1,902	19,970
July.....	163	4,646	64,817	458	5,025	41,485	169	954	11,052	440	2,559	29,406	312	2,248	22,776
August.....	119	2,117	30,295	468	3,873	41,145	141	1,167	16,121	420	2,161	23,823	289	1,777	18,345
September.....	118	4,522	55,323	497	4,457	37,993	127	337	5,632	386	2,664	30,946	283	1,716	16,782
October.....	152	4,382	64,060	605	5,291	48,928	133	863	12,246	394	2,249	24,795	272	1,927	22,592
November.....	118	3,548	57,767	566	4,542	35,939	118	346	4,770	271	1,492	17,259	214	1,891	19,824
December.....	126	2,689	44,579	544	6,807	64,829	113	451	6,027	216	1,684	19,478	184	1,350	13,852
Monthly average.....	134	3,506	46,233	506	5,095	46,550	137	644	9,907	330	2,050	22,960	258	1,749	18,501
1950															
January.....	84	1,817	27,756	429	4,729	37,678	96	483	5,845	213	1,424	16,971	148	1,277	14,597
February.....	109	4,330	66,949	402	3,832	27,876	85	622	9,860	219	1,423	15,862	219	1,784	18,731
March.....	116	4,683	66,897	620	6,686	161,505	158	1,120	13,427	357	2,490	28,113	270	2,664	31,044
April.....	139	3,187	41,179	650	10,984	119,199	177	459	6,791	403	2,760	31,754	290	2,824	28,823
May.....	126	3,184	47,584	718	10,086	83,696	166	571	8,362	414	2,537	28,467	307	2,286	24,739
June.....	174	3,550	49,919	607	9,874	69,291	202	1,451	15,578	446	2,974	36,405	291	2,387	25,200
July.....	162	5,345	76,023	624	9,373	79,780	161	1,270	16,183	421	2,724	31,497	285	2,101	20,487
August.....	171	4,313	57,331	918	13,290	128,821	149	999	19,802	477	3,123	35,084	334	2,476	24,783
September.....	156	4,264	65,198	790	10,819	90,837	147	772	10,592	377	3,083	33,609	258	1,750	20,119
October.....	142	2,500	38,619	822	12,932	93,596	131	731	8,901	368	2,684	29,575	197	1,718	20,643
November.....	138	3,389	57,155	959	11,067	103,909	119	658	7,646	332	2,188	25,359	175	1,419	14,451
December.....	138	3,964	60,574	799	11,188	146,110	134	320	6,285	303	1,960	23,588	142	1,533	17,728
Monthly average.....	138	3,711	54,599	695	9,572	95,192	144	788	10,356	361	2,448	28,024	243	2,018	21,779

For footnotes giving source of data and description of series, see p. 203.

CONSTRUCTION AND REAL ESTATE—CONTRACT AWARDS—Continued

YEAR AND MONTH	CONSTRUCTION CONTRACTS AWARDED IN 37 STATES (F. W. DODGE CORPORATION) ¹										VALUE OF CONTRACT AWARDS (FEDERAL RESERVE INDEXES) ²				Engineering construction contract awards (E.N.R.) ³
	Nonresidential buildings			Residential buildings			Public works		Utilities		Unadjusted*		Adjusted†		
	Miscellaneous			Projects	Floor area	Valuation	Projects	Valuation	Projects	Valuation	Total	Residential	Total	Residential	
	Projects	Floor area	Valuation												
	Number	Thous. of sq. ft.	Thous. of dol.	Number	Thous. of sq. ft.	Thous. of dol.	Number	Thous. of dol.	Number	Thous. of dol.	1923-25 = 100				Thous. of dol.
1935 monthly average ..	.....	78	1,334	5,145	11,285	39,904	1,146	49,089	177	7,972	37	21	.....	.....	132,513
1936 monthly average ..	.....	125	1,181	6,992	18,543	66,802	1,098	60,149	198	16,008	55	37	.....	.....	198,904
1937 monthly average ..	33	111	1,232	10,030	19,626	75,441	969	49,055	210	21,912	59	41	.....	.....	203,135
1938 monthly average ..	250	491	2,310	10,968	20,047	82,149	1,400	70,846	243	24,071	64	45	.....	.....	232,661
1939 monthly average ..	260	502	2,411	15,677	27,721	111,189	1,151	80,140	293	24,079	72	60	.....	.....	250,238
1940 monthly average ..	1,100	3,054	8,680	20,867	35,044	133,079	1,284	69,275	300	23,422	81	72	.....	.....	332,270
1941 monthly average ..	2,073	5,737	17,800	28,817	41,890	162,817	1,244	92,438	416	52,396	122	89	.....	.....	489,058
1942 monthly average ..	3,713	18,010	67,312	25,809	37,455	151,478	1,674	108,544	692	103,173	166	82	.....	.....	775,486
1943 monthly average ..	1,122	5,511	22,847	10,747	16,721	72,318	985	39,213	388	42,613	68	40	.....	.....	255,154
1944 monthly average ..	559	2,731	13,443	4,801	6,163	29,037	1,000	35,799	375	26,379	41	16	.....	.....	144,146
1945 monthly average ..	554	2,202	12,770	6,370	9,270	46,956	1,034	40,219	313	33,564	68	26	.....	.....	190,784
1946 monthly average ..	256	1,255	7,362	30,706	43,021	261,842	1,201	99,560	272	36,384	153	143	.....	.....	431,336
1947															
January.....	162	556	3,024	23,593	39,279	257,419	681	80,721	249	33,176	120	119	146	144	430,970
February.....	156	826	4,534	20,440	32,469	208,391	665	59,806	210	30,742	131	135	151	152	356,491
March.....	161	545	4,892	27,414	42,991	282,881	918	77,926	266	44,045	133	135	132	129	400,415
April.....	153	497	3,323	24,284	39,006	256,668	1,509	123,249	259	38,104	152	144	133	123	454,471
May.....	212	2,171	18,949	21,255	42,672	254,085	1,607	119,713	353	64,960	153	130	127	110	514,343
June.....	229	824	6,767	17,604	29,213	209,458	1,744	142,495	341	43,175	158	127	136	116	517,175
July.....	232	1,229	9,386	21,568	36,774	240,885	1,910	127,454	344	38,403	170	138	155	136	524,238
August.....	276	2,009	15,016	24,789	47,805	308,937	1,761	137,471	420	86,001	173	148	166	150	413,494
September.....	163	869	7,528	21,154	41,314	268,543	1,522	110,556	296	30,982	184	168	183	168	494,805
October.....	299	1,457	10,379	29,473	52,302	349,490	1,425	112,726	307	53,182	175	164	184	170	575,089
November.....	181	985	6,970	24,147	42,696	290,220	1,114	138,606	283	42,866	173	157	193	163	474,357
December.....	184	874	7,773	17,402	32,192	226,796	809	113,289	233	40,783	159	137	197	161	503,384
Monthly average.....	201	1,070	8,212	22,760	39,893	262,814	1,305	112,001	297	45,535	157	142	.....	.....	471,603
1948															
January.....	142	629	8,057	18,899	32,183	238,098	718	108,891	213	27,673	156	126	191	152	441,955
February.....	134	497	5,242	16,336	31,474	232,250	803	143,033	213	34,289	161	135	187	152	474,643
March.....	220	1,153	9,929	23,227	35,385	276,541	915	109,596	235	54,687	182	156	181	148	508,096
April.....	343	1,594	17,129	30,448	46,526	351,604	1,524	132,598	343	52,077	206	181	181	154	777,159
May.....	341	1,654	14,282	30,320	51,710	369,780	1,659	159,700	396	45,338	226	195	188	165	535,184
June.....	325	1,968	17,417	26,366	40,149	355,296	1,813	167,984	363	47,707	233	194	201	177	596,332
July.....	441	1,669	15,953	28,780	44,420	349,699	1,763	169,293	379	48,589	224	189	205	187	713,719
August.....	391	1,938	17,008	27,085	44,577	337,550	1,679	148,856	395	58,935	210	175	201	177	563,792
September.....	404	1,638	13,177	22,507	35,610	279,658	1,692	158,597	376	44,075	195	165	193	165	665,417
October.....	459	2,157	19,643	23,304	37,159	296,760	1,432	125,251	350	40,241	175	152	184	157	648,434
November.....	316	1,203	10,536	20,472	33,563	264,033	934	77,760	329	29,113	169	148	189	154	451,112
December.....	339	1,564	12,673	19,529	31,500	256,746	956	125,581	284	45,297	145	123	180	145	843,544
Monthly average.....	321	1,472	13,421	23,939	38,688	300,668	1,324	135,595	323	44,002	190	161	.....	.....	601,616
1949															
January.....	222	849	8,237	11,855	19,892	159,128	620	74,528	221	27,445	142	110	174	133	565,826
February.....	255	1,519	16,591	12,770	26,665	193,073	573	117,325	238	36,174	146	109	169	123	563,084
March.....	322	1,750	17,368	19,288	28,282	251,770	954	120,210	344	48,198	176	136	175	130	743,529
April.....	345	1,843	16,912	25,541	37,087	303,825	1,513	169,700	362	52,691	201	165	177	141	589,693
May.....	387	3,005	28,967	27,187	42,392	346,251	1,737	179,396	412	34,067	218	187	181	159	601,709
June.....	544	2,287	19,008	29,949	45,804	370,752	2,197	175,861	479	63,102	226	194	195	176	896,128
July.....	349	1,938	16,145	25,570	42,950	340,593	2,142	207,130	483	45,555	228	202	209	200	619,442
August.....	347	1,437	10,993	31,079	48,146	393,434	1,892	173,714	373	60,569	238	226	229	228	781,416
September.....	371	1,814	15,858	40,342	65,715	525,572	1,947	171,576	450	51,553	247	254	246	254	810,309
October.....	408	1,791	18,136	37,289	60,801	500,702	1,566	128,860	399	75,104	251	260	263	269	553,482
November.....	310	1,197	9,645	35,224	53,262	435,235	1,032	125,891	358	130,532	240	245	265	256	589,224
December.....	293	2,208	26,870	29,918	49,481	419,051	1,185	134,384	308	72,390	213	217	262	255	863,561
Monthly average.....	346	1,803	17,061	27,168	43,373	353,282	1,447	148,215	369	58,115	211	192	.....	.....	681,450
1950															
January.....	247	944	8,351	27,229	42,078	343,501	643	86,300	235	65,760	198	203	242	245	915,475
February.....	240	1,052	9,954	31,650	46,235	361,452	805	120,178	243	32,333	228	232	263	260	686,221
March.....	359	1,920	14,835	47,547	71,543	574,681	1,202	184,081	372	40,781	279	292	275	278	993,453
April.....	417	2,134	17,061	52,568	84,964	674,836	1,608	177,334	442	49,707	325	348	284	298	885,044
May.....	454	2,114	19,122	57,843	84,937	674,604	1,807	199,239	451	65,217	329	358	274	303	931,153
June.....	444	2,242	21,646	52,989	77,850	628,051	2,156	221,654	423	51,762	334	358	291	325	1,253,720
July.....	439	2,625	24,622	53,268	84,323	675,080	2,133	208,648	456	49,338	351	372	325	369	1,175,138
August.....	407	2,857	29,223	62,025	89,033	754,106	2,020	200,431	417	53,350	346	358	334	362	1,164,682
September.....	397	2,863	21,849	42,906	65,069	549,585	1,812	145,728	472	92,503	323	332	321	332	959,530
October.....	492	3,183	44,719	42,960	64,945	529,867	1,445	119,633	369	59,495	285	285	299	294	950,526
November.....	508	2,743	22,587	40,368	60,810	496,682	1,235	106,572	385	48,914	276	272	306	284	1,012,046
December.....	564	3,245	39,977	34,152	56,353	478,583	1,151	160,227	333	39,247	268	253	332	297	1,424,619
Monthly average.....	414	2,327	22,829	45,459	69,012	561,752	1,501	160,835	383	54,034	295	305	.....	.....	1,029,301

For footnotes giving source of data and description of series, see pp. 203, 204.

*Unadjusted for seasonal variation.

†Adjusted for seasonal variation.

CONSTRUCTION AND REAL ESTATE—CONTRACT AWARDS, NEW DWELLING UNITS, AND URBAN BUILDING

YEAR AND MONTH	CONTRACT AWARDS				NEW DWELLING UNITS (U. S. DEPARTMENT OF LABOR)							INDEXES OF URBAN BUILDING AUTHORIZED (U. S. DEPARTMENT OF LABOR) ⁴				
	Highway concrete pavement ¹				Perma- nent non- farm units started ²	Urban units authorized ³					Number of new dwell- ing units pro- vided	Valuation of building				
	Total	Air- ports	Roads	Streets and alleys		Total	Privately financed			Public- ly fi- nanced		Total	Resi- den- tial	Non- resi- den- tial	Addi- tions, altera- tions, and repairs	
							Total	1-family struc- tures	2- or more- family struc- tures							
	Thousands of square yards					Number						1935-39 = 100				
1935 monthly average ..	3,650	512	2,581	1,056	18,000	10,000	.....	.....	.....	.....	46.5	60.7	46.4	69.5	79.0	
1936 monthly average ..	4,868	561	3,439	1,369	27,000	18,000	.....	.....	.....	.....	86.5	96.5	91.9	101.4	99.8	
1937 monthly average ..	4,567	543	3,329	1,215	28,000	18,000	.....	.....	.....	.....	92.5	106.6	98.6	112.7	116.3	
1938 monthly average ..	4,738	134	3,075	1,529	34,000	22,000	.....	.....	.....	.....	117.0	108.3	113.9	106.3	98.1	
1939 monthly average ..	4,191	89	2,488	1,614	42,900	29,900	25,296	.....	.....	4,621	157.5	127.9	149.3	110.1	106.9	
1940 monthly average ..	5,197	488	3,177	1,532	50,200	33,051	27,764	21,835	9,552	5,287	180.0	150.2	167.5	146.9	106.2	
1941 monthly average ..	6,998	2,434	2,907	1,656	58,800	36,632	30,789	24,585	10,150	5,843	206.0	166.4	197.6	153.5	115.5	
1942 monthly average ..	11,185	7,742	1,971	1,472	29,700	23,403	15,408	11,576	3,832	7,996	134.3	128.8	113.2	162.4	77.0	
1943 monthly average ..	5,924	4,363	805	756	15,900	17,452	9,976	6,563	3,414	7,475	100.6	60.1	72.2	47.2	66.2	
1944 monthly average ..	2,730	1,539	706	486	11,800	9,573	7,764	5,940	1,825	1,809	55.2	52.4	42.8	47.2	87.6	
1945 monthly average ..	1,725	612	685	428	17,400	13,377	12,433	10,403	2,031	944	77.9	96.7	83.3	91.2	141.1	
1946 monthly average ..	3,303	235	2,057	1,011	55,900	44,042	35,850	29,846	6,004	8,193	304.8	225.9	311.1	156.8	213.3	
1947																
January.....	1,343	26	606	711	39,300	25,370	24,286	20,543	3,743	1,084	146.3	154.1	197.3	112.1	165.9	
February.....	1,463	1	1,081	382	42,800	27,144	27,144	22,196	4,948	0	156.5	159.5	208.2	113.2	170.2	
March.....	2,438	52	1,578	808	56,000	37,704	37,163	30,571	6,592	541	217.4	220.1	309.7	144.4	214.8	
April.....	5,280	513	3,167	1,600	67,100	42,934	42,566	35,215	7,351	368	247.6	255.4	360.0	167.1	248.7	
May.....	3,828	35	2,607	1,186	72,900	41,020	41,020	33,644	7,378	0	238.5	244.8	337.4	165.4	242.2	
June.....	4,228	212	2,456	1,560	77,200	47,044	46,039	34,603	11,436	1,005	271.3	279.6	388.3	183.1	285.0	
July.....	5,011	169	2,452	2,390	81,100	47,371	47,132	36,983	10,149	239	273.2	307.3	407.7	218.2	312.5	
August.....	3,285	79	1,468	1,737	86,300	51,351	51,121	39,233	11,888	230	296.1	324.8	448.5	234.9	280.2	
September.....	2,760	163	1,133	1,464	93,800	52,238	51,963	40,834	11,129	275	301.2	321.3	460.1	209.8	298.3	
October.....	3,280	203	1,946	1,110	94,000	57,282	56,822	42,923	13,899	460	330.3	348.5	524.3	217.4	293.0	
November.....	2,349	5	1,592	752	79,700	42,197	41,034	30,303	10,731	1,163	243.3	288.7	403.7	151.6	220.0	
December.....	2,863	124	1,776	963	58,800	36,490	36,022	26,558	9,464	468	210.4	275.0	346.6	229.8	231.4	
Monthly average.....	3,176	132	1,822	1,222	70,800	42,345	41,859	32,801	9,059	486	244.2	264.9	366.0	184.2	246.9	
1948																
January.....	1,723	6	1,040	677	53,500	33,541	32,534	23,681	8,853	1,007	193.4	245.5	312.7	197.6	219.0	
February.....	2,304	10	1,425	869	50,100	33,339	32,185	22,091	10,094	1,154	192.3	238.0	318.3	182.3	202.1	
March.....	4,386	361	2,654	1,371	76,400	50,625	50,565	37,368	13,197	60	292.0	360.5	479.6	289.8	276.7	
April.....	5,073	353	2,734	1,986	99,500	64,680	64,317	45,689	18,628	363	373.0	409.2	623.0	254.0	330.9	
May.....	5,124	10	3,187	1,928	100,300	53,134	52,510	41,410	11,100	624	306.4	374.7	526.8	267.3	311.7	
June.....	5,205	190	2,128	2,887	97,800	54,799	54,231	42,110	12,121	568	316.0	404.3	557.2	290.0	357.1	
July.....	4,114	595	1,648	1,870	95,000	48,701	47,433	36,666	10,767	1,268	280.8	376.2	503.5	288.2	318.1	
August.....	4,021	341	2,073	1,606	86,700	47,709	46,604	35,796	10,808	1,105	275.1	373.7	535.7	256.7	313.2	
September.....	5,099	129	2,753	2,217	82,300	41,151	39,309	31,744	7,565	1,842	237.3	338.0	427.5	281.3	284.2	
October.....	2,908	302	1,344	1,263	73,400	40,015	38,503	31,189	7,314	1,512	230.8	340.8	408.3	309.2	271.8	
November.....	2,521	210	1,646	665	63,700	34,694	32,435	25,563	6,872	2,259	200.1	274.0	355.7	220.1	230.1	
December.....	5,054	228	2,782	2,044	52,900	28,904	25,553	19,229	6,324	3,351	166.7	249.5	298.1	218.9	219.7	
Monthly average.....	3,961	228	2,118	1,615	77,600	44,274	43,015	32,711	10,304	1,259	255.3	332.0	445.6	254.6	277.9	
1949																
January.....	2,560	41	1,736	784	50,000	27,192	23,532	16,822	6,710	3,660	156.8	242.1	264.3	238.6	201.7	
February.....	1,151	37	601	513	50,400	29,194	26,714	18,503	8,211	2,480	168.4	239.1	302.6	198.1	202.9	
March.....	3,302	59	2,164	1,079	69,400	46,420	42,510	33,077	9,433	3,910	267.7	336.8	465.9	252.1	266.1	
April.....	3,653	53	1,633	1,968	88,300	54,008	51,254	37,986	13,268	2,754	311.4	367.2	525.8	264.0	278.3	
May.....	4,410	327	2,198	1,885	95,400	57,784	54,414	36,583	17,831	3,370	333.2	384.0	586.7	244.0	291.5	
June.....	7,966	787	4,792	2,387	95,500	59,044	55,599	37,025	18,574	3,445	340.5	436.3	582.4	350.5	330.9	
July.....	5,035	95	2,950	1,990	96,100	51,676	48,522	34,340	14,182	3,154	298.0	345.4	500.9	236.4	278.5	
August.....	5,224	89	2,854	2,281	99,000	58,692	57,121	40,409	16,712	1,571	338.5	393.9	572.1	273.0	306.9	
September.....	3,927	208	2,154	1,565	102,900	64,761	62,457	43,994	18,463	2,304	373.5	415.1	630.0	281.3	279.6	
October.....	2,648	487	1,037	1,124	104,300	59,609	57,355	41,813	15,542	2,254	343.7	389.4	593.2	256.3	276.6	
November.....	3,329	498	939	1,891	95,500	54,391	52,386	41,581	10,805	2,005	313.7	354.8	556.3	234.4	214.2	
December.....	3,040	55	1,907	1,078	78,300	44,709	43,422	31,410	12,012	1,287	257.8	322.5	434.6	279.0	184.6	
Monthly average.....	3,854	228	2,080	1,545	85,400	50,623	47,941	34,462	13,479	2,683	291.9	352.2	501.2	259.0	259.3	
1950																
January.....	3,396	310	1,952	1,134	78,700	50,464	49,596	36,026	13,570	868	291.0	331.0	491.6	235.2	218.8	
February.....	2,322	81	1,369	872	82,900	53,318	53,141	40,234	12,907	177	307.5	329.5	534.0	202.2	199.9	
March.....	5,369	51	2,684	2,635	117,300	80,325	79,190	59,787	19,403	1,135	463.2	489.1	833.9	269.1	284.6	
April.....	5,032	425	2,126	2,481	133,400	82,954	81,188	63,382	17,806	1,766	478.4	527.9	886.7	307.9	292.0	
May.....	7,094	460	3,457	3,177	149,100	92,086	88,814	69,377	19,437	3,272	531.0	603.9	1,031.1	337.4	335.3	
June.....	8,351	580	4,604	3,167	144,300	83,657	82,934	66,885	16,049	723	481.2	597.7	926.1	398.6	376.4	
July.....	5,832	224	2,901	2,708	144,400	84,147	79,473	64,586	14,887	4,674	484.8	608.7	949.8	404.5	371.8	
August.....	6,589	190	2,890	3,509	141,900	83,181	79,140	61,740	17,400	4,041	479.7	627.3	967.6	426.9	382.6	
September.....	4,114	477	1,333	2,304	120,600	62,500	58,172	46,498	11,674	4,328	359.4	484.6	716.8	343.2	329.8	
October.....	3,605	50	1,634	1,920	102,500	56,873	55,210	43,761	11,449	1,663	327.7	497.3	663.7	425.1	311.9	
November.....	3,084	299	1,314	1,471	87,300	49,129	44,588	36,244	8,344	4,641	274.1	404.4	558.6	323.4	268.6	
December.....	3,738	228	2,065	1,645	93,600	59,551	44,697	34,810	9,887	14,854	322.1	460.2	654.3	374.8	249.7	
Monthly average.....	4,877	265	2,361	2,252	116,300	69,849	66,345	51,944	14,401	3,504	399.1	495.7	766.1	336.3	301.6	

For footnotes giving source of data and description of series, see pp. 204, 205.

CONSTRUCTION AND REAL ESTATE—CONSTRUCTION COST INDEXES

YEAR AND MONTH	Department of Commerce composite ¹	Aberthaw (industrial building) ²	AMERICAN APPRAISAL COMPANY ³					Associated General Contractors (all types)	E. H. BOECKH AND ASSOCIATES, INC. ⁵		
			Average, 30 cities	Atlanta	New York	San Francisco	St. Louis		Average, 20 cities		
									Apartments, hotels, and office buildings		
									Brick and concrete	Brick and steel	Brick and wood
1939 = 100	1914 = 100	1913 = 100					United States average cost 1926-29 = 100				
1935 monthly average ..	90.8	⁶ 177	162	163	174	144	164	176	92.0	90.1	86.2
1936 monthly average ..	92.8	⁶ 184	170	170	182	155	171	179	94.8	92.6	89.1
1937 monthly average ..	100.9	⁶ 199	198	192	213	178	207	188	105.0	103.6	99.4
1938 monthly average ..	99.7	⁶ 191	199	185	216	176	207	189	110.1	108.3	102.2
1939 monthly average ..	100.0	⁶ 190	200	187	219	180	207	188	111.2	109.4	104.1
1940 monthly average ..	102.7	⁶ 193	204	193	223	181	211	189	112.2	110.8	107.3
1941 monthly average ..	112.3	⁶ 208	218	215	233	201	220	198	115.4	115.0	115.2
1942 monthly average ..	129.1	⁶ 223	241	240	248	225	238	209	121.6	121.1	121.1
1943 monthly average ..	135.7	⁶ 225	252	257	254	232	245	216	126.2	125.8	126.7
1944 monthly average ..	133.3	⁶ 227	261	267	265	237	253	224	132.8	133.7	137.1
1945 monthly average ..	137.4	⁶ 236	271	278	272	244	265	231	140.5	141.9	147.2
1946 monthly average ..	159.6	⁶ 279	322	344	327	297	314	256	154.0	154.8	161.7
1947											
January.....	174.9	.....	381	410	390	353	375	277	164.2	165.8	177.1
February.....	180.6	.....	390	419	403	364	383	280	167.1	169.0	179.5
March.....	182.1	304	404	434	420	379	396	282	169.3	172.7	188.8
April.....	183.8	.....	414	444	427	390	403	286	171.5	174.6	190.7
May.....	186.0	.....	419	448	432	392	405	290	173.2	175.9	192.0
June.....	188.0	300	427	448	438	396	421	294	176.7	178.9	194.4
July.....	190.8	.....	437	458	442	409	430	295	180.1	181.9	196.8
August.....	192.4	.....	446	470	448	417	441	300	183.7	185.9	199.3
September.....	195.5	304	452	475	452	424	446	307	184.8	187.0	199.9
October.....	196.6	.....	456	479	469	427	449	312	186.4	189.9	204.3
November.....	198.5	.....	464	494	480	429	456	314	187.2	190.5	205.0
December.....	200.8	307	468	501	488	433	459	318	188.3	192.1	207.8
Monthly average.....	190.3	⁶ 304	430	457	441	401	422	296	177.7	180.3	194.6
1948											
January.....	201.8	.....	472	505	491	435	462	320	190.1	193.5	210.5
February.....	202.0	.....	475	508	495	436	469	321	191.3	194.8	211.3
March.....	203.3	310	478	514	502	437	470	321	192.2	195.6	212.0
April.....	204.0	.....	481	515	503	441	471	321	194.5	197.6	215.1
May.....	206.8	.....	485	523	503	439	470	321	196.8	199.8	216.7
June.....	208.8	325	486	524	504	439	475	332	200.2	202.5	219.0
July.....	211.7	.....	493	522	507	450	477	337	203.2	205.6	221.3
August.....	212.9	.....	495	523	507	450	477	340	206.2	209.5	223.4
September.....	213.8	327	502	531	518	459	489	341	208.7	211.9	225.5
October.....	213.7	.....	504	531	523	460	495	341	210.0	212.9	225.8
November.....	213.2	.....	502	529	522	454	493	341	209.7	212.4	224.6
December.....	211.8	323	501	532	520	457	491	341	209.0	211.3	221.1
Monthly average.....	209.3	⁶ 321	490	521	508	446	478	331	201.0	204.0	218.9
1949											
January.....	211.6	.....	502	532	520	459	491	341	208.9	211.0	220.7
February.....	211.3	.....	499	529	516	452	488	339	209.3	211.5	220.9
March.....	210.3	319	496	525	513	448	485	339	209.3	211.0	219.2
April.....	208.7	.....	494	521	510	447	482	340	208.6	210.0	218.2
May.....	206.9	.....	492	518	508	446	480	340	207.1	208.0	214.9
June.....	206.1	313	489	510	501	445	477	343	208.2	208.1	214.6
July.....	203.5	.....	488	509	497	445	477	343	206.5	206.2	210.8
August.....	203.0	.....	486	506	495	446	474	342	207.1	208.1	210.0
September.....	203.4	307	485	503	493	443	471	343	207.4	206.3	211.1
October.....	204.8	.....	484	505	492	442	471	345	207.9	207.2	212.9
November.....	205.5	.....	484	503	493	442	471	345	208.3	207.5	213.7
December.....	206.3	307	483	503	493	442	471	345	208.6	207.9	213.4
Monthly average.....	206.5	⁶ 312	490	514	503	446	478	342	208.1	208.4	215.0
1950											
January.....	207.9	.....	486	506	495	444	474	345	209.1	208.6	213.9
February.....	209.4	.....	486	506	495	443	474	346	210.1	210.1	215.8
March.....	209.5	305	486	508	495	444	474	346	210.7	210.8	217.3
April.....	210.3	.....	488	511	497	447	476	346	211.3	211.3	218.1
May.....	215.4	.....	490	511	497	452	476	346	214.4	214.5	224.4
June.....	217.6	311	498	518	504	459	485	349	215.6	215.8	227.2
July.....	221.0	.....	502	519	514	465	488	357	218.0	218.6	230.8
August.....	225.0	.....	508	526	522	473	495	366	219.5	220.7	234.6
September.....	226.5	330	513	536	531	478	499	369	220.4	221.4	234.3
October.....	226.7	.....	515	542	534	479	502	371	220.9	221.9	233.2
November.....	227.6	.....	514	541	535	475	501	371	222.9	223.9	233.7
December.....	230.4	339	517	543	536	477	504	371	224.7	226.4	236.9
Monthly average.....	218.9	⁶ 321	500	522	513	461	487	357	216.5	217.0	226.7

For footnotes giving source of data and description of series, see pp. 205, 206.

CONSTRUCTION AND REAL ESTATE—CONSTRUCTION COST INDEXES AND CONSTRUCTION MATERIALS

YEAR AND MONTH	CONSTRUCTION COST INDEXES										CONSTRUCTION MATERIALS ²	
	E. M. Boeckh and Associates, Inc. ¹							Engineering News-Record ²		Bureau of Public Roads, highway construction (composite standard mile) ³	Production of selected materials (Indexes)	
	Average, 20 cities							Building	Construction		Unadjusted ⁴	Adjusted ⁵
	Commercial and factory buildings					Residences						
	Brick and concrete	Brick and steel	Brick and wood	Frame	Steel	Brick	Frame					
	United States average cost 1926-29 = 100							1913 = 100		1925-29 = 100	1939 = 100	
1935 monthly average...	94.8	92.7	88.5	81.6	92.3	86.3	83.1	165.9	196.7	⁵ 80.6	65.9	.....
1936 monthly average...	97.4	95.8	90.8	85.3	95.1	89.2	86.2	173.6	208.1	⁵ 82.9	91.0	.....
1937 monthly average...	107.3	107.2	100.5	96.3	106.7	99.3	96.6	197.3	236.3	⁵ 79.4	93.8	.....
1938 monthly average...	112.3	111.6	103.4	99.0	110.9	102.8	99.0	196.6	235.4	⁵ 72.8	82.2	.....
1939 monthly average...	113.3	112.1	105.0	101.3	110.4	104.4	101.2	197.9	235.8	⁵ 72.6	100.0	.....
1940 monthly average...	114.2	113.2	107.5	105.3	111.2	107.4	104.9	203.3	242.9	⁵ 71.6	106.4	.....
1941 monthly average...	117.1	117.3	113.4	116.3	114.4	115.3	114.4	212.2	259.3	⁵ 81.8	129.2	.....
1942 monthly average...	123.3	123.1	119.0	122.7	119.2	121.3	120.8	223.2	277.6	⁵ 109.9	126.9	.....
1943 monthly average...	128.0	127.5	124.3	129.1	122.7	127.0	126.5	229.2	290.9	⁵ 126.9	101.3	.....
1944 monthly average...	134.5	134.6	133.6	141.3	129.6	137.3	137.9	235.1	299.4	⁵ 115.5	92.1	.....
1945 monthly average...	142.4	142.1	143.7	151.2	135.4	147.2	147.7	239.6	308.9	⁵ 111.7	89.8	.....
1946 monthly average...	156.0	154.8	158.7	165.6	145.0	161.9	161.8	266.7	351.9	⁵ 122.9	125.1	.....
1947												
January.....	166.3	166.2	172.9	182.6	154.3	177.5	177.9	301.6	393.7	.....	124.6	145.3
February.....	168.9	168.7	175.6	184.5	156.8	180.0	180.0	303.3	395.5	.....	124.0	149.7
March.....	170.4	171.8	182.2	197.9	159.3	189.2	191.7	305.2	399.6	133.9	132.7	139.9
April.....	173.0	173.5	184.8	198.7	160.5	191.1	193.0	304.6	400.0	.....	138.2	138.5
May.....	175.0	175.1	186.7	199.6	161.3	192.6	194.2	307.4	406.6	.....	141.2	133.0
June.....	178.5	178.0	189.0	202.2	163.4	195.1	196.5	308.9	413.8	138.0	139.7	130.1
July.....	182.2	180.9	191.5	204.8	165.8	197.7	198.9	317.8	422.9	.....	142.8	133.7
August.....	185.5	184.6	194.0	206.8	170.3	199.8	201.1	322.6	426.4	.....	147.6	129.9
September.....	186.7	186.0	194.5	207.0	172.6	200.2	201.4	327.3	434.6	142.9	149.1	138.2
October.....	187.9	187.8	197.7	213.1	173.9	204.6	206.8	329.2	436.9	.....	159.0	143.0
November.....	188.6	188.6	198.6	213.7	174.5	205.3	207.4	333.1	441.1	.....	139.6	140.3
December.....	189.4	189.9	200.7	217.5	175.8	208.1	210.7	333.6	441.7	146.7	136.5	153.8
Monthly average.....	179.4	179.3	189.0	202.4	165.7	195.1	196.6	316.2	417.7	⁵ 140.4	139.6	.....
1948												
January.....	192.2	191.8	203.5	220.6	177.8	211.0	213.8	335.5	442.7	.....	132.1	154.7
February.....	193.7	192.7	204.5	221.2	178.6	211.8	214.7	334.2	443.6	.....	122.4	148.4
March.....	194.7	193.7	205.1	221.9	179.5	212.4	215.2	334.6	443.6	150.5	141.7	149.9
April.....	197.0	195.3	208.1	225.5	180.6	215.6	218.5	333.9	444.9	.....	141.9	142.8
May.....	199.5	197.7	209.8	227.0	182.5	217.2	219.8	339.3	455.8	.....	144.5	136.6
June.....	203.3	200.8	212.0	229.0	184.8	219.6	222.1	342.4	464.8	155.9	149.7	139.9
July.....	206.4	203.2	214.3	230.9	187.0	222.0	224.2	355.5	477.1	.....	150.7	141.6
August.....	209.2	208.4	216.1	232.8	195.4	223.8	225.9	356.7	478.4	.....	160.4	141.7
September.....	211.7	210.6	219.1	234.5	197.3	225.9	227.6	357.1	480.2	161.0	157.8	146.8
October.....	213.2	211.6	219.9	234.1	198.2	226.2	227.5	355.9	478.3	.....	160.8	145.1
November.....	212.9	211.2	218.9	232.4	198.0	225.0	226.0	355.6	477.7	.....	145.2	146.5
December.....	212.5	210.3	216.5	227.1	197.5	221.4	221.5	355.0	477.4	165.3	132.7	150.1
Monthly average.....	203.8	202.2	212.3	228.1	188.1	219.3	221.4	346.3	463.7	⁵ 158.2	145.0	.....
1949												
January.....	212.8	210.4	216.4	226.8	197.7	221.1	221.0	352.9	475.4	.....	117.0	137.0
February.....	213.2	210.6	216.5	226.3	197.7	221.2	221.1	352.5	474.8	.....	108.2	131.2
March.....	213.3	210.3	215.5	223.8	197.5	219.7	219.1	351.4	474.3	161.4	129.9	137.5
April.....	212.0	209.5	214.5	222.5	196.7	218.7	217.8	348.9	472.1	.....	130.5	131.3
May.....	209.3	207.5	211.2	219.0	194.7	215.6	214.3	349.3	473.8	.....	132.6	125.3
June.....	211.1	208.3	211.3	218.2	195.1	215.4	213.6	349.4	477.5	155.5	135.3	126.4
July.....	210.2	207.1	208.6	212.6	194.1	211.4	208.7	350.9	478.2	.....	123.8	116.4
August.....	210.6	207.3	208.2	211.3	194.4	210.6	207.6	352.0	479.8	.....	146.8	129.7
September.....	210.7	207.6	208.9	212.7	194.4	211.7	208.9	353.0	480.5	148.7	148.9	138.5
October.....	211.1	208.4	210.1	215.2	194.4	213.4	210.8	352.9	480.0	.....	140.8	127.1
November.....	211.4	208.7	210.9	216.3	194.6	214.0	211.6	353.2	480.3	.....	142.8	144.1
December.....	211.6	208.9	210.9	215.6	194.9	213.8	211.2	356.2	484.7	145.3	135.9	153.7
Monthly average.....	211.4	208.7	211.9	218.4	195.5	215.6	213.8	351.9	477.6	⁵ 152.7	132.7	.....
1950												
January.....	212.0	210.0	211.1	215.9	197.7	214.2	211.6	356.5	484.9	.....	120.8	141.5
February.....	212.7	210.9	212.6	218.6	198.5	216.1	214.0	360.0	488.4	.....	117.3	142.2
March.....	213.3	211.6	213.7	220.7	198.8	217.6	215.8	362.8	491.9	140.7	140.2	148.4
April.....	214.0	212.1	214.4	221.7	199.2	218.5	216.7	364.3	496.6	.....	147.5	148.4
May.....	217.1	215.7	219.8	229.1	201.7	224.9	223.7	373.0	506.5	.....	166.7	157.6
June.....	218.3	216.9	222.4	232.5	202.3	227.7	226.7	376.9	511.9	140.0	171.5	160.3
July.....	220.3	219.0	225.4	236.4	203.8	231.3	230.5	383.1	521.4	.....	162.3	152.5
August.....	221.4	220.7	228.4	241.5	205.1	235.1	235.1	392.8	530.4	.....	192.2	169.8
September.....	222.3	221.3	228.4	240.7	205.8	234.8	234.5	396.2	534.4	146.2	179.3	166.8
October.....	222.9	221.5	227.9	238.9	206.2	233.7	233.0	388.9	527.9	.....	186.2	168.1
November.....	224.8	223.4	229.3	237.9	208.2	234.2	232.7	390.1	528.7	.....	173.2	174.8
December.....	226.3	225.9	232.4	241.3	211.0	237.4	236.1	391.8	530.7	155.7	155.6	176.0
Monthly average.....	218.8	217.4	222.2	231.3	203.2	227.1	225.9	378.0	512.8	⁵ 145.7	159.4	.....

For footnotes giving source of data and description of series, see p. 206.

⁴Unadjusted for seasonal variation.⁵Adjusted for seasonal variation.

CONSTRUCTION AND REAL ESTATE—REAL ESTATE

YEAR AND MONTH	HOME MORTGAGES INSURED OR GUARANTEED BY—		Federal Home Loan Banks, outstanding advances to member institutions, end of year or month ³	NEW MORTGAGE LOANS OF ALL SAVINGS AND LOAN ASSOCIATIONS, ESTIMATED ⁴						New non-farm mortgages recorded (\$20,000 and under), estimated total ⁵	Non-farm foreclosures, adjusted index ⁶	Fire losses ⁷
	Federal Housing Administration: New premium paying ¹	Veterans Administration: Principal amount ²		Total	By purpose of loan							
					Home construction	Home purchase	Refinancing	Repairs and reconditioning	All other purposes			
Thousands of dollars		Millions of dollars	Thousands of dollars						1935-39 = 100	Thousands of dollars		
1935 monthly average...	7,824	.....	\$ 103	.....	.....	.....	.....	.....	.....	.....	145.7	19,605
1936 monthly average...	25,745	.....	\$ 145	62,916	14,866	19,174	14,836	5,453	8,589	.....	118.1	22,222
1937 monthly average...	35,364	.....	\$ 200	79,715	19,509	27,219	15,067	5,179	7,742	.....	96.4	21,247
1938 monthly average...	39,437	.....	\$ 199	66,500	18,372	22,124	13,347	4,885	7,772	.....	75.5	21,540
1939 monthly average...	55,785	.....	\$ 181	82,199	25,087	28,302	15,169	4,955	8,686	292,214	64.0	22,925
1940 monthly average...	61,374	.....	\$ 201	99,965	33,219	35,513	16,512	5,299	9,422	335,947	48.2	23,823
1941 monthly average...	74,178	.....	\$ 219	114,890	36,422	48,375	15,881	5,111	9,101	394,330	37.3	25,325
1942 monthly average...	79,872	.....	\$ 129	87,542	15,870	47,811	13,818	3,475	6,568	328,551	26.8	26,191
1943 monthly average...	63,514	.....	\$ 110	98,663	8,875	66,864	13,938	2,537	6,450	321,783	16.1	31,083
1944 monthly average...	58,953	.....	\$ 131	121,171	7,937	88,668	13,651	2,563	8,352	383,828	10.9	36,439
1945 monthly average...	39,529	.....	\$ 195	159,390	15,046	113,130	16,334	3,395	11,486	470,818	9.1	40,356
1946 monthly average...	35,167	191,859	\$ 293	298,708	51,295	196,386	22,520	6,714	21,794	882,431	6.7	46,173
1947												
January.....	37,818	287,832	251	250,016	51,145	145,273	22,599	6,795	24,204	868,452	6.8	57,180
February.....	36,634	269,887	242	241,263	52,723	133,399	22,529	7,091	25,521	790,225	7.0	64,247
March.....	40,616	236,943	236	288,221	61,543	161,694	25,916	9,665	29,403	881,113	7.4	72,435
April.....	51,269	296,628	245	313,636	70,214	176,395	26,149	10,788	30,090	966,600	6.5	68,029
May.....	60,012	250,447	257	335,074	78,612	186,148	28,383	11,558	30,373	989,504	6.6	56,545
June.....	69,838	293,733	289	323,368	69,700	184,626	28,948	11,963	28,131	974,980	7.0	50,840
July.....	78,118	279,196	292	353,105	85,867	194,057	28,936	13,410	30,835	1,032,437	6.9	49,357
August.....	81,835	265,761	314	351,757	83,355	200,183	25,263	13,018	29,938	1,016,710	6.9	51,359
September.....	95,652	293,174	336	356,871	86,097	203,443	27,322	12,297	27,712	1,054,874	6.6	47,990
October.....	119,927	279,707	360	376,000	95,364	208,488	28,523	13,213	30,412	1,138,029	6.6	54,946
November.....	98,464	277,897	391	311,292	76,718	170,831	24,747	10,415	28,581	980,109	5.8	51,346
December.....	124,512	254,959	436	310,201	82,234	163,703	26,042	9,806	28,416	1,035,644	6.7	68,361
Monthly average.....	74,558	273,847	.....	317,567	74,464	177,353	26,280	10,835	28,635	977,390	6.7	53,988
1948												
January.....	138,587	255,274	392	273,202	70,274	140,122	25,856	8,679	28,271	935,297	7.5	63,010
February.....	129,894	234,185	373	254,581	66,894	126,462	23,511	8,374	29,340	844,253	7.6	71,521
March.....	159,967	201,416	374	318,602	97,325	146,213	29,677	11,519	33,868	981,562	8.1	74,236
April.....	151,552	167,285	397	336,947	97,458	156,701	30,973	14,189	37,626	1,018,698	7.8	63,751
May.....	151,524	161,075	418	332,441	93,315	161,309	29,400	14,308	34,109	1,026,498	7.4	59,256
June.....	186,859	150,606	475	346,469	100,149	169,206	28,615	14,349	34,150	1,080,778	8.3	54,706
July.....	164,094	130,679	478	331,893	101,236	152,875	26,876	14,794	36,112	1,043,313	8.8	50,955
August.....	179,412	136,371	493	317,842	92,132	151,882	25,324	15,526	32,978	1,048,456	8.4	49,543
September.....	199,968	118,583	486	297,175	85,233	141,961	24,607	14,989	30,385	1,011,859	8.9	49,945
October.....	216,931	110,214	479	287,336	89,505	132,006	23,482	14,089	28,254	994,323	8.9	51,845
November.....	212,085	113,707	487	260,472	82,172	117,088	22,881	12,270	26,061	938,313	8.6	52,949
December.....	214,407	101,571	515	249,828	70,011	114,090	23,549	11,506	30,672	958,764	9.2	69,397
Monthly average.....	175,440	156,747	.....	300,566	87,142	142,493	26,229	12,883	31,819	990,176	8.3	59,590
1949												
January.....	208,312	101,077	427	206,577	56,428	89,192	23,198	10,502	27,257	802,410	9.4	57,926
February.....	183,152	96,845	392	214,931	59,611	90,348	24,181	11,822	28,969	770,561	9.7	62,424
March.....	188,634	81,501	362	269,128	76,666	111,523	30,562	14,242	36,135	896,790	10.3	67,218
April.....	162,187	85,026	345	279,606	84,277	116,051	29,383	15,663	34,232	922,023	9.7	55,290
May.....	156,122	105,614	338	293,215	87,517	125,073	28,849	17,375	34,401	959,653	9.7	54,162
June.....	168,527	114,109	363	326,637	97,963	141,674	31,838	17,714	37,448	1,018,427	10.9	51,787
July.....	154,576	108,273	338	304,343	90,397	128,657	29,026	16,732	39,531	967,440	11.8	49,592
August.....	186,312	131,610	337	348,276	101,022	149,867	34,443	19,510	43,434	1,068,813	12.8	50,150
September.....	173,970	131,124	339	354,194	108,280	155,915	33,188	18,362	38,449	1,065,431	11.9	49,678
October.....	198,235	161,909	353	353,909	102,151	159,050	31,814	17,796	43,098	1,117,212	12.8	48,914
November.....	199,841	162,898	377	343,260	105,784	150,877	33,441	15,735	37,423	1,114,041	11.8	53,116
December.....	211,758	143,605	433	342,028	112,463	141,059	33,358	14,384	40,764	1,125,200	13.8	67,279
Monthly average.....	\$ 182,574	118,633	.....	303,009	90,213	129,941	30,273	15,820	36,762	985,667	11.2	54,295
1950												
January.....	232,950	183,395	365	300,906	94,916	124,265	32,041	11,584	38,100	1,024,000	14.1	58,823
February.....	206,681	218,000	336	325,224	107,335	128,398	32,573	13,706	43,212	1,003,090	14.5	58,340
March.....	210,919	221,416	320	414,783	143,950	161,952	29,717	17,895	51,269	1,221,644	15.3	72,468
April.....	172,453	217,610	336	422,553	151,627	168,381	35,683	20,014	46,848	1,171,148	14.1	61,605
May.....	178,000	218,315	365	490,324	180,762	197,761	39,517	22,890	49,394	1,377,918	13.7	58,765
June.....	182,568	214,433	442	527,967	189,363	223,617	42,093	22,461	50,433	1,465,469	14.6	57,116
July.....	183,559	234,070	506	517,163	188,938	214,412	38,887	21,853	53,073	1,470,812	12.9	52,980
August.....	217,594	268,611	632	556,469	183,493	248,089	43,410	25,575	55,902	1,624,913	14.1	49,878
September.....	216,154	258,401	700	467,585	145,422	219,001	34,827	20,220	48,115	1,497,824	13.7	45,922
October.....	241,423	332,201	730	449,963	140,655	213,888	34,415	16,951	44,054	1,544,410	13.1	49,953
November.....	235,742	356,491	767	393,857	123,134	182,978	32,002	13,804	41,939	1,457,073	11.9	55,790
December.....	204,030	350,366	816	370,681	117,079	163,447	36,579	13,693	39,883	1,320,895	12.8	66,820
Monthly average.....	\$ 206,838	256,109	.....	436,456	147,223	187,182	36,812	18,387	46,852	1,348,266	13.7	57,372

For footnotes giving source of data and description of series, see p. 207.

DOMESTIC TRADE—ADVERTISING

YEAR AND MONTH	ADVERTISING INDEXES, ADJUSTED†						RADIO ADVERTISING, COST OF FACILITIES²																				
	Printers' Ink¹					Tide, combined index²	Total	Auto-motive, including accessories	Drugs and toilet-tries	Elec-trical house-hold equip-ment	Finan-cial	Foods, soft drinks, confec-tion-ery	Gas-o-line and oil	Soap, cleans-ers, etc.	Smoking mate-rials	All other											
	Com-bined index	Maga-zines	News-papers	Outdoor	Radio																						
1935-39 = 100																	Thousands of dollars										
1935 monthly average...	83	81	95	78	69	.....	4,107	355	1,370	25	36	1,208	296	172	291	355											
1936 monthly average...	99	95	107	96	89	102.3	4,946	489	1,382	14	40	1,398	350	291	387	595											
1937 monthly average...	110	114	108	110	107	113.4	5,801	568	1,556	78	68	1,635	330	548	566	452											
1938 monthly average...	101	101	94	107	112	94.7	5,977	349	1,620	49	32	1,983	266	635	732	312											
1939 monthly average...	107	108	96	109	123	102.0	6,926	273	1,869	39	85	2,244	356	815	972	273											
1940 monthly average...	118	119	102	112	144	111.5	8,038	249	2,197	86	84	2,386	412	935	1,225	465											
1941 monthly average...	127	128	103	124	162	120.8	8,845	259	2,662	50	80	2,510	469	1,026	1,318	472											
1942 monthly average...	121	125	90	103	179	119.4	9,617	291	2,884	51	48	2,720	448	982	1,358	834											
1943 monthly average...	152	163	114	99	213	148.6	12,720	613	3,642	79	87	3,494	585	964	1,590	1,667											
1944 monthly average...	180	193	123	131	265	172.0	15,890	792	4,436	97	176	4,404	638	1,022	1,618	2,708											
1945 monthly average...	198	217	132	168	289	184.1	15,896	726	4,937	239	250	4,308	601	1,142	1,353	2,341											
1946 monthly average...	230	271	155	202	299	211.7	16,084	741	5,109	307	352	4,207	560	1,463	1,311	2,036											
1947																											
January.....	235	271	173	183	289	234.9	16,548	670	5,148	273	444	4,357	546	1,642	1,355	2,114											
February.....	245	287	193	213	288	235.8	15,102	629	4,568	224	458	3,924	507	1,555	1,257	1,979											
March.....	263	321	210	217	282	243.9	16,728	740	5,007	249	532	4,344	541	1,685	1,397	2,232											
April.....	278	331	222	272	294	243.9	15,548	595	4,714	284	508	4,049	467	1,729	1,308	1,893											
May.....	281	339	229	295	288	244.5	16,009	573	4,784	301	412	4,120	499	1,722	1,433	2,165											
June.....	283	341	230	287	289	243.6	14,994	505	4,516	275	400	3,883	499	1,606	1,430	1,880											
July.....	263	297	215	302	284	244.8	14,227	441	3,982	314	381	4,106	432	1,542	1,595	1,434											
August.....	262	282	218	319	291	256.3	14,461	485	3,868	278	393	4,268	439	1,483	1,568	1,677											
September.....	281	330	217	289	298	261.0	15,252	527	4,268	345	367	4,402	428	1,715	1,580	1,621											
October.....	284	334	214	287	309	256.8	17,376	597	4,967	379	471	5,128	420	1,704	1,809	1,901											
November.....	277	329	200	258	312	257.8	16,905	739	4,688	333	440	4,907	450	1,499	1,662	2,187											
December.....	270	315	198	228	320	238.2	17,780	728	5,033	511	464	5,203	504	1,647	1,848	1,844											
Monthly average.....	268	315	210	264	296	246.8	15,911	602	4,628	314	439	4,391	478	1,627	1,520	1,911											
1948																											
January.....	257	288	205	290	303	253.5	17,544	693	4,991	569	450	5,000	585	1,544	1,798	1,913											
February.....	286	317	242	312	319	274.6	16,715	717	4,694	543	482	4,766	564	1,452	1,595	1,901											
March.....	289	351	227	322	308	271.6	17,803	699	5,031	603	511	5,122	536	1,734	1,770	1,798											
April.....	293	332	247	294	314	281.0	17,078	711	4,857	603	483	4,894	441	1,672	1,718	1,699											
May.....	300	341	256	329	312	276.7	17,327	662	4,804	651	481	4,861	432	1,775	1,751	1,912											
June.....	298	350	262	279	300	271.0	15,656	538	4,545	642	363	4,223	444	1,755	1,711	1,435											
July.....	268	299	233	288	272	250.1	13,282	370	3,783	656	373	3,446	435	1,473	1,532	1,213											
August.....	276	294	240	284	299	272.7	14,272	425	3,922	691	400	3,835	453	1,630	1,556	1,359											
September.....	302	344	262	296	308	287.0	15,650	414	4,232	674	363	4,313	441	1,920	1,510	1,784											
October.....	311	329	278	320	327	276.8	18,321	659	4,677	681	374	4,782	514	1,923	1,731	2,979											
November.....	302	342	253	285	317	281.4	17,394	1,036	4,416	668	333	4,673	511	1,938	1,684	2,137											
December.....	284	322	237	255	319	253.5	17,951	772	4,760	651	364	4,948	613	1,955	1,966	1,921											
Monthly average.....	290	327	246	299	309	270.8	16,583	641	4,559	636	415	4,572	497	1,731	1,694	1,838											
1949																											
January.....	296	302	277	314	310	277.8	17,704	782	4,650	624	347	4,768	636	1,708	2,090	2,099											
February.....	301	334	274	310	303	287.6	16,119	612	4,042	601	320	4,493	570	1,707	1,915	1,858											
March.....	318	350	306	296	307	301.2	17,700	657	4,616	702	342	5,006	620	1,936	1,948	1,873											
April.....	310	346	280	279	309	284.6	16,763	729	4,240	653	349	4,690	530	1,818	1,960	1,794											
May.....	309	338	290	289	308	286.4	17,074	809	4,470	683	364	4,608	460	1,852	1,990	1,837											
June.....	302	314	286	296	305	283.2	15,425	663	4,285	644	336	4,127	408	1,698	1,966	1,300											
July.....	276	284	264	274	252	257.6	12,085	332	3,473	222	318	2,894	379	1,148	1,844	1,377											
August.....	270	297	252	284	256	272.2	12,160	335	3,544	208	287	3,073	376	1,255	1,743	1,338											
September.....	292	301	286	299	278	293.2	14,083	404	3,829	247	298	4,006	377	1,467	1,782	1,673											
October.....	306	294	305	323	289	284.5	16,423	486	4,494	189	282	4,597	416	1,547	2,126	2,286											
November.....	305	308	291	320	287	274.1	15,855	463	4,381	198	278	4,463	407	1,583	2,089	1,994											
December.....	293	291	286	292	287	256.2	16,409	447	4,400	218	296	4,741	463	1,615	2,215	2,014											
Monthly average.....	299	314	284	296	292	279.9	15,650	560	4,202	432	318	4,297	470	1,611	1,972	1,787											
1950																											
January.....	329	326	330	334	300	298.4	17,083	720	4,536	198	284	4,736	452	1,753	2,165	2,240											
February.....	315	330	297	328	288	312.0	15,383	498	4,084	181	260	4,327	409	1,637	1,999	1,988											
March.....	319	328	307	318	291	313.0	16,843	407	4,557	180	256	4,849	454	1,862	2,215	2,064											
April.....	323	327	317	296	288	309.5	15,909	614	4,108	145	216	4,348	370	1,811	2,068	2,229											
May.....	331	324	325	290	294	311.7	16,576	411	4,431	167	238	4,756	409	1,947	2,101	2,116											
June.....	333	321	320	328	294	309.9	15,146	357	4,193	142	249	4,366	391	1,791	1,831	1,826											
July.....	311	316	306	288	273	280.0	12,293	288	3,349	136	226	3,513	467	1,310	1,577	1,429											
August.....	318	341	297	327	269	298.8	12,559	297	3,648	148	239	3,371	475	1,431	1,562	1,387											
September.....	336	338	310	302	278	317.2	13,931	325	3,969	136	244	3,843	469	1,664	1,540	1,742											
October.....	365	342	322	360	282	308.8	16,170	339	4,649	142	228	4,341	505	1,877	1,853	2,237											
November.....	377	342	344	359	287	309.1	15,794	355	4,415	142	234	4,319	545	1,786	1,781	2,217											
December.....	371	319	338	372	272	290.1	15,833	399	4,277	134	259	4,240	563	1,831	1,797	2,332											
Monthly average.....	337	330	318	322	284	304.9	15,293	417	4,185	154	244	4,251	459	1,725	1,874	1,984											

For footnotes giving source of data and description of series, see pp. 207, 208.

†Adjusted for seasonal variation.

DOMESTIC TRADE—ADVERTISING—Continued

YEAR AND MONTH	MAGAZINE ADVERTISING													Lineage ²
	Cost ¹													
	Total	Apparel and accessories	Automotive, incl. accessories	Building materials	Drugs and toilet-tries	Foods, soft drinks, confectionery	Beer, wine, liquors	Household equipment and supplies	Household furnishings	Industrial materials	Soaps, cleansers, etc.	Smoking materials	All other	
Thousands of dollars													Thousands of lines	
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,115
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,378
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,571
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,120
1939 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,135
1940 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,238
1941 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,305
1942 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,144
1943 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,760
1944 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,502
1945 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,086
1946 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,563
1947														
January.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,952
February.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,580
March.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,102
April.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,703
May.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,332
June.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,413
July.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,377
August.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,132
September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,738
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,763
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,474
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,229
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,233
1948														
January.....	27,814	1,839	2,602	697	3,814	4,553	1,813	1,235	893	1,349	621	921	7,477	3,641
February.....	37,599	3,567	2,778	1,166	5,605	6,376	1,998	2,104	1,411	1,612	1,167	890	8,924	4,175
March.....	47,096	6,078	3,456	1,621	6,314	6,792	2,454	3,272	2,039	1,806	1,118	997	11,149	4,581
April.....	46,098	4,948	3,452	2,288	5,733	5,959	2,280	3,653	2,632	1,790	1,294	1,029	11,040	4,391
May.....	52,180	5,142	4,240	2,484	5,714	6,694	2,565	4,148	3,135	2,168	1,550	1,221	13,119	4,288
June.....	42,622	3,474	3,673	1,887	5,412	5,524	2,197	3,782	2,074	1,922	1,166	1,181	10,329	3,160
July.....	29,590	1,084	3,057	1,183	4,406	4,651	1,720	1,863	725	1,590	925	981	7,407	3,171
August.....	33,459	3,715	2,859	1,302	4,183	4,758	1,617	1,624	1,119	1,713	952	1,137	8,480	3,968
September.....	45,333	6,481	3,047	2,126	5,000	5,480	2,157	3,455	2,951	2,114	1,156	1,151	10,214	4,462
October.....	52,871	6,051	3,918	2,271	5,882	7,208	2,473	4,204	3,701	2,101	1,745	1,285	12,033	4,847
November.....	52,404	4,902	3,913	1,590	5,773	6,999	2,945	4,101	3,569	2,548	1,251	1,353	13,458	4,145
December.....	39,265	3,414	2,722	759	4,641	5,084	3,399	3,140	1,765	1,580	707	1,348	10,704	3,015
Monthly average.....	42,195	4,225	3,310	1,614	5,207	5,840	2,301	3,049	2,168	1,858	1,138	1,125	10,361	3,987
1949														
January.....	29,730	1,745	2,330	964	4,236	4,982	1,760	1,113	966	1,390	614	1,156	8,474	3,410
February.....	39,728	3,365	3,244	1,285	5,569	6,590	2,091	2,012	1,615	1,648	1,087	1,263	9,957	3,921
March.....	47,081	5,233	3,941	1,842	5,768	6,460	2,454	3,015	2,273	1,916	1,454	1,396	11,329	4,301
April.....	51,756	5,494	4,726	2,545	5,751	6,656	2,434	3,880	2,979	2,172	1,542	1,415	12,161	4,350
May.....	51,393	4,927	4,567	2,429	5,662	6,597	2,453	3,792	3,333	2,088	1,725	1,532	12,288	3,806
June.....	41,191	3,184	3,882	1,775	5,311	5,858	2,231	3,020	1,712	2,025	1,176	1,409	9,609	2,814
July.....	29,157	780	3,482	956	4,643	5,096	1,770	1,330	487	1,465	901	1,264	6,983	2,854
August.....	32,017	3,437	3,344	915	4,440	4,973	1,627	1,025	956	1,290	1,111	1,407	7,492	3,494
September.....	42,374	5,275	3,510	1,789	5,243	5,814	2,023	2,143	2,633	1,828	1,551	1,315	9,249	3,921
October.....	51,972	4,937	4,241	2,002	6,569	7,831	2,841	3,357	3,390	2,157	1,742	1,707	11,199	4,464
November.....	46,551	3,808	3,459	1,346	6,153	6,883	2,831	2,896	2,827	1,834	1,396	1,475	11,643	3,645
December.....	37,349	2,630	2,688	539	4,815	5,357	3,507	2,505	1,360	1,504	729	1,528	10,187	2,838
Monthly average.....	41,692	3,735	3,618	1,532	5,347	6,091	2,335	2,507	2,044	1,776	1,252	1,406	10,048	3,652
1950														
January.....	29,167	1,517	2,610	739	4,470	4,951	1,738	739	782	1,259	673	1,201	8,487	3,261
February.....	39,623	2,706	3,347	1,177	5,863	6,891	2,139	1,732	1,358	1,672	1,081	1,129	10,529	3,868
March.....	47,024	4,857	3,934	1,958	6,277	6,338	2,381	3,252	2,359	2,184	1,189	1,206	11,090	4,270
April.....	52,094	4,457	4,054	2,675	6,485	7,149	2,416	4,337	3,361	2,341	1,232	1,336	12,250	4,482
May.....	50,261	4,237	4,226	2,499	5,693	6,582	2,364	4,515	3,282	2,320	1,238	1,327	11,979	3,853
June.....	42,488	2,832	3,882	1,719	5,618	6,846	2,024	3,615	1,715	2,162	983	1,364	9,729	2,974
July.....	32,754	884	3,832	1,081	4,844	5,874	1,738	2,057	697	1,713	884	1,365	7,784	3,175
August.....	33,577	3,273	3,772	1,128	4,338	5,435	1,476	1,574	929	1,588	865	1,116	8,083	3,791
September.....	49,603	5,540	4,255	2,537	5,416	6,724	1,965	3,648	2,767	2,657	1,091	1,497	11,506	4,505
October.....	55,301	4,648	4,545	2,397	6,463	8,598	2,436	4,435	3,650	2,713	1,421	1,556	12,439	4,602
November.....	51,534	3,705	4,071	1,491	6,145	7,488	2,703	3,870	3,079	2,292	1,324	1,419	13,949	3,958
December.....	40,673	3,000	2,519	745	5,268	5,825	3,789	3,136	1,753	1,691	811	1,429	10,707	3,106
Monthly average.....	43,675	3,471	3,754	1,679	5,573	6,558	2,264	3,076	2,144	2,049	1,066	1,329	10,711	3,820

For footnotes giving source of data and description of series, see pp. 208, 209.

DOMESTIC TRADE—ADVERTISING AND POSTAL BUSINESS

YEAR AND MONTH	NEWSPAPER ADVERTISING ¹							POSTAL BUSINESS			
	Linage (52 cities)							Money orders, domestic (50 cities) ²			
	Total	Classi- fied	Display					Issued		Paid	
			Total	Auto- motive	Finan- cial	Gen- eral	Retail	Number	Value	Number	Value
			Thousands of lines					Thousands	Thousands of dollars	Thousands	Thousands of dollars
1935 monthly average ..	103,912	19,081	84,831	6,077	1,776	18,081	58,896	3,715	35,625	12,170	93,929
1936 monthly average ..	115,010	22,123	92,887	6,069	2,085	20,959	63,774	3,962	38,594	13,139	102,138
1937 monthly average ..	117,472	23,618	93,854	5,650	1,873	20,596	65,734	4,197	41,237	13,701	107,578
1938 monthly average ..	102,097	21,251	80,846	3,938	1,598	15,996	59,315	4,091	38,835	13,323	100,908
1939 monthly average ..	103,629	21,060	82,569	4,390	1,692	15,988	60,498	4,195	38,685	13,595	100,649
1940 monthly average ..	105,719	21,901	83,818	5,167	1,619	15,719	61,313	4,388	40,987	13,787	105,028
1941 monthly average ..	109,436	22,714	86,722	4,704	1,707	16,171	64,141	4,968	49,035	15,237	125,272
1942 monthly average ..	103,473	21,443	82,030	2,235	1,469	16,388	61,938	6,204	71,322	16,413	163,136
1943 monthly average ..	116,368	27,920	88,448	2,696	1,480	20,619	63,653	6,840	112,726	16,398	213,965
1944 monthly average ..	113,437	25,741	87,696	2,623	1,530	20,910	62,632	5,992	124,283	14,322	200,201
1945 monthly average ..	115,969	26,680	89,289	2,888	1,841	20,504	64,056	5,984	169,815	13,478	215,005
1946 monthly average ..	144,143	35,305	108,838	3,509	2,198	22,190	80,940	4,759	110,713	14,133	198,572
1947											
January.....	139,894	36,223	103,671	3,556	2,511	19,895	77,709	4,477	95,899	14,086	193,877
February.....	139,993	34,588	105,405	4,097	1,767	22,323	77,218	4,147	90,036	12,691	186,444
March.....	167,384	39,437	127,947	5,537	2,157	27,163	93,090	4,863	108,862	14,755	210,579
April.....	168,445	39,580	128,865	6,473	2,008	28,100	92,283	4,579	97,079	14,651	195,527
May.....	172,376	41,301	131,075	6,512	1,950	28,210	94,403	4,280	89,824	13,771	188,244
June.....	163,130	39,341	123,789	7,014	1,933	26,011	88,831	4,177	87,284	16,948	178,353
July.....	145,263	37,778	107,485	6,214	2,299	22,467	76,505	4,334	87,320	13,253	186,565
August.....	157,980	40,625	117,355	6,107	1,769	22,881	86,597	3,822	81,664	12,587	166,697
September.....	173,871	41,610	132,262	5,438	1,809	27,171	97,843	4,041	89,874	13,334	197,141
October.....	198,478	44,141	154,337	6,552	2,194	33,444	112,148	4,401	91,665	15,371	223,262
November.....	194,808	41,447	153,361	5,957	2,033	32,004	113,367	4,185	85,095	13,922	196,844
December.....	186,913	37,530	149,383	5,215	1,986	24,935	117,247	4,710	91,655	15,652	214,581
Monthly average.....	167,378	39,467	127,911	5,723	2,035	26,217	93,937	4,335	91,355	14,252	194,843
1948											
January.....	155,428	39,600	115,828	5,180	2,896	20,404	87,348	4,586	92,651	14,412	201,299
February.....	167,945	40,048	127,897	6,181	1,869	25,477	94,369	4,339	86,412	13,135	186,247
March.....	189,555	43,985	145,571	6,394	2,225	28,106	108,846	5,281	106,540	16,749	240,369
April.....	197,221	45,848	151,373	7,047	2,295	30,475	111,557	5,122	95,871	15,552	220,748
May.....	197,809	47,643	150,166	7,557	2,120	31,092	109,396	4,470	88,565	14,252	198,921
June.....	185,847	43,999	141,848	8,814	2,203	28,365	102,467	4,733	94,494	15,267	217,320
July.....	161,430	43,081	118,349	6,714	2,448	22,790	86,396	4,503	90,545	14,408	206,027
August.....	176,800	46,467	130,333	7,066	1,782	23,001	98,484	5,176	87,845	14,207	208,527
September.....	197,335	45,810	151,525	6,921	1,849	30,097	112,658	4,476	90,407	14,703	216,336
October.....	220,449	46,861	173,588	7,453	1,994	38,251	125,891	5,267	98,446	15,552	247,204
November.....	209,199	41,480	167,718	7,567	1,999	34,880	123,273	5,353	97,114	20,044	256,791
December.....	204,428	37,624	166,804	5,843	2,112	25,703	133,146	5,229	98,629	17,235	265,659
Monthly average.....	188,621	43,537	145,083	6,855	2,149	28,220	107,819	4,878	93,960	15,460	222,121
1949											
January.....	163,977	38,498	125,479	7,362	2,952	21,955	93,210	4,729	94,492	14,395	227,123
February.....	163,379	35,559	127,820	7,335	1,744	26,920	91,820	4,422	87,275	13,245	209,374
March.....	202,070	42,195	159,875	9,698	2,236	34,029	113,914	5,105	101,312	16,680	264,621
April.....	205,466	43,404	162,062	9,791	2,143	32,453	117,676	4,718	91,387	14,106	218,673
May.....	210,677	45,386	165,291	9,554	2,001	33,758	119,978	4,318	84,477	13,971	197,015
June.....	193,287	41,476	151,811	9,265	2,039	31,045	109,462	4,743	84,583	14,711	207,673
July.....	164,040	40,082	123,959	8,115	2,252	24,534	89,057	4,041	81,320	12,822	185,481
August.....	170,504	40,713	129,791	8,887	1,609	21,879	97,416	3,967	85,093	13,749	203,946
September.....	197,858	40,050	157,808	8,224	1,752	29,766	118,066	4,175	83,785	13,592	201,534
October.....	214,935	42,295	172,640	10,033	2,140	38,417	122,051	4,557	88,798	14,005	207,377
November.....	207,909	38,306	169,603	9,891	2,337	33,689	123,686	4,409	83,938	14,397	205,209
December.....	207,865	36,061	171,805	7,330	2,139	26,337	135,999	4,844	90,046	15,096	209,721
Monthly average.....	191,831	40,335	151,495	8,790	2,112	29,565	111,028	4,502	88,042	14,231	211,479
1950											
January.....	168,921	37,157	131,764	10,014	3,237	23,730	94,783	4,531	89,403	14,463	190,987
February.....	170,738	35,362	135,376	7,668	1,911	29,473	96,324	4,961	88,510	12,694	181,523
March.....	213,488	41,139	172,350	9,240	2,355	35,691	125,064	5,237	107,778	15,973	225,619
April.....	215,753	43,326	172,427	11,290	2,316	35,645	123,176	4,932	92,858	13,354	197,478
May.....	220,211	45,576	174,636	12,441	2,469	36,560	123,166	4,543	90,363	14,055	205,818
June.....	209,093	44,776	164,317	11,410	2,237	33,876	116,795	4,258	84,983	13,960	202,790
July.....	173,092	42,684	130,409	9,338	2,683	26,048	92,339	4,062	83,459	12,279	183,502
August.....	186,524	45,005	141,518	8,969	1,832	25,431	105,287	4,228	88,172	13,842	210,887
September.....	207,305	45,888	161,417	8,793	2,091	32,705	117,829	4,039	91,350	12,636	206,145
October.....	230,288	47,678	182,610	11,314	2,531	41,222	127,542	5,474	100,802	14,218	222,331
November.....	226,880	42,944	183,936	11,721	2,267	39,502	130,447	4,413	102,139	14,739	225,332
December.....	217,856	39,099	178,757	8,395	2,347	29,682	138,334	4,662	97,712	14,191	209,795
Monthly average.....	203,346	42,553	160,793	10,049	2,356	32,464	115,924	4,612	93,127	13,883	205,184

For footnotes giving source of data and description of series, see p. 209.

DOMESTIC TRADE—PERSONAL CONSUMPTION EXPENDITURES

YEAR AND MONTH	PERSONAL CONSUMPTION EXPENDITURES ¹															
	Annual totals or seasonally adjusted quarterly totals at annual rates															
	Durable goods				Nondurable goods						Services					
	Total	Auto- mobiles and parts	Furni- ture and house- hold equip- ment	Other durable goods	Cloth- ing and shoes	Food and alco- holic bever- ages	Gaso- line and oil	Semi- durable house- furnish- ings	Tobacco	Other non- durable goods	House- hold opera- tion	Housing	Personal services	Recre- ation	Trans- porta- tion	Other serv- ices
Billions of dollars																
1935 annual total.....	56.2	1.9	2.5	0.8	5.9	16.3	1.7	0.5	1.4	3.5	3.0	7.6	1.2	1.3	1.5	7.1
1936 annual total.....	62.5	2.3	3.1	1.0	6.5	18.5	1.9	.7	1.5	3.8	3.2	7.9	1.3	1.4	1.7	7.7
1937 annual total.....	67.1	2.4	3.4	1.2	6.7	20.0	2.1	.7	1.7	4.0	3.5	8.4	1.5	1.6	1.8	8.2
1938 annual total.....	64.5	1.6	3.0	1.1	6.6	19.0	2.1	.6	1.7	3.9	3.4	8.7	1.4	1.5	1.7	7.9
1939 annual total.....	67.5	2.1	3.4	1.2	7.0	19.3	2.2	.8	1.8	4.2	3.6	8.9	1.4	1.6	1.9	8.1
1940 annual total.....	72.1	2.7	3.8	1.3	7.4	20.7	2.3	.8	1.9	4.5	3.8	9.2	1.6	1.7	2.0	8.3
1941 annual total.....	82.3	3.3	4.8	1.6	8.8	24.4	2.6	1.0	2.1	5.1	4.0	9.9	1.8	1.8	2.2	8.9
1942 annual total.....	91.2	.7	4.5	1.9	11.0	30.5	1.9	1.1	2.3	6.0	4.5	10.6	2.1	2.1	2.7	9.3
1943 annual total.....	102.2	.8	3.8	2.2	13.7	35.3	1.2	1.3	2.6	6.9	5.0	11.1	2.5	2.3	3.5	10.1
1944 annual total.....	111.6	.9	3.7	2.5	15.3	38.9	1.2	1.4	2.6	7.7	5.6	11.7	2.7	2.7	3.7	11.1
1945 annual total.....	123.1	1.1	4.4	3.0	17.1	43.0	1.6	1.4	2.9	8.8	6.1	12.2	2.9	3.0	3.9	11.6
1946 annual total.....	146.9	4.2	8.5	3.9	18.6	50.3	3.0	1.8	3.5	8.7	6.4	13.0	3.4	3.7	4.3	13.6
1947																
January.....	159.5	5.9	10.5	4.0	18.7	54.8	3.3	1.8	3.7	9.6	6.7	13.9	3.6	3.8	4.5	14.8
February.....																
March.....																
April.....	163.9	6.7	10.5	4.0	18.9	56.1	3.5	1.9	3.8	10.2	7.0	14.2	3.7	3.8	4.6	15.0
May.....																
June.....																
July.....	167.6	6.5	10.8	4.0	19.2	57.5	3.6	1.9	4.0	10.4	7.2	14.8	3.8	3.8	4.6	15.5
August.....																
September.....																
October.....	171.3	7.2	11.4	4.0	19.6	58.1	3.7	1.9	4.0	10.5	7.3	15.5	3.8	3.8	4.7	15.9
November.....																
December.....																
Annual total.....	165.6	6.6	10.8	4.0	19.1	56.6	3.5	1.9	3.9	10.2	7.0	14.6	3.7	3.8	4.6	15.3
1948																
January.....	174.6	7.0	11.2	4.0	19.7	59.7	4.0	1.9	4.1	10.8	7.6	15.8	3.8	3.8	4.8	16.4
February.....																
March.....																
April.....	177.5	7.4	12.0	4.0	20.1	59.7	4.1	2.0	4.0	10.7	7.7	16.2	3.8	3.9	4.9	17.0
May.....																
June.....																
July.....	179.7	7.9	11.6	4.0	20.1	59.8	4.2	2.0	4.3	11.0	7.8	16.7	3.8	3.9	5.1	17.5
August.....																
September.....																
October.....	179.8	7.9	10.8	3.9	20.4	59.7	4.3	2.0	4.2	10.8	7.9	17.1	3.8	4.0	5.2	17.8
November.....																
December.....																
Annual total.....	177.9	7.5	11.4	4.0	20.1	59.7	4.2	1.9	4.1	10.8	7.7	16.5	3.8	3.9	5.0	17.2
1949																
January.....	178.4	8.2	10.3	3.9	19.5	59.0	4.4	2.0	4.3	10.5	8.1	17.5	3.8	4.0	5.1	17.9
February.....																
March.....																
April.....	180.0	9.4	10.4	3.8	19.4	58.7	4.7	1.9	4.3	10.5	8.2	17.9	3.8	3.9	5.1	18.2
May.....																
June.....																
July.....	180.0	10.0	10.8	3.7	18.1	58.3	4.7	1.9	4.3	10.4	8.3	18.3	3.8	4.0	5.1	18.4
August.....																
September.....																
October.....	182.3	10.1	11.3	3.7	18.4	58.4	4.8	1.9	4.3	10.5	8.6	18.8	3.8	4.0	5.0	18.8
November.....																
December.....																
Annual total.....	180.2	9.4	10.7	3.7	18.9	58.6	4.6	1.9	4.3	10.5	8.3	18.1	3.8	4.0	5.1	18.3
1950																
January.....	184.7	10.4	12.1	3.8	17.9	58.7	4.9	1.9	4.3	10.7	8.8	19.3	3.8	3.9	5.0	19.3
February.....																
March.....																
April.....	188.7	11.4	11.5	3.8	18.5	59.7	5.1	1.9	4.4	10.8	9.2	19.7	3.8	4.0	5.1	19.9
May.....																
June.....																
July.....	202.5	14.3	16.0	4.0	19.6	62.6	5.1	2.4	4.4	11.3	9.3	20.1	3.9	3.9	5.2	20.3
August.....																
September.....																
October.....	198.4	12.9	12.4	4.1	19.2	62.7	5.2	2.0	4.5	11.2	9.8	20.5	3.9	3.9	5.3	20.7
November.....																
December.....																
Annual total.....	193.6	12.3	13.0	3.9	18.8	60.9	5.1	2.0	4.4	11.0	9.3	19.9	3.8	3.9	5.2	20.0

For footnotes giving source of data and description of series, see p. 209.

DOMESTIC TRADE—RETAIL TRADE

YEAR AND MONTH	ALL TYPES OF RETAIL STORES																
	Estimated sales—unadjusted for seasonal variation ¹																
	Total	Durable-goods stores											Nondurable-goods stores				
		Automotive group			Building materials and hardware group				Home furnishings group				Jewel-ry stores	Total	Apparel group		
		Total	Motor vehi- cle- dealers	Parts and acces- sories	Total	Build- ing mate- rials	Farm imple- ments	Hard- ware	Total	Furni- ture and house- furnishings	House- hold appli- cances and radios	Total			Total	Men's cloth- ing and furnishings	Women's apparel and acces- sories
Millions of dollars																	
1935 monthly average ..	2,733	635	353	322	31	155	92	24	39	107	71	37	20	2,097	221	61	86
1936 monthly average ..	3,195	822	463	425	38	199	122	29	48	135	90	44	25	2,373	259	71	100
1937 monthly average ..	3,512	923	506	464	42	234	145	35	54	154	104	49	29	2,590	277	73	110
1938 monthly average ..	3,171	716	364	326	38	203	128	29	47	124	84	40	25	2,455	250	64	101
1939 monthly average ..	3,503	865	462	419	44	228	147	29	52	144	100	44	30	2,639	272	70	110
1940 monthly average ..	3,866	1,035	572	524	48	259	167	33	59	168	116	52	36	2,831	287	74	118
1941 monthly average ..	4,624	1,300	712	650	63	322	203	44	75	218	149	69	49	3,324	346	91	141
1942 monthly average ..	4,803	856	272	216	56	317	194	41	82	205	152	53	63	3,947	433	108	181
1943 monthly average ..	5,277	821	270	208	62	283	173	34	75	188	149	39	80	4,456	527	125	241
1944 monthly average ..	5,735	885	289	218	71	310	181	45	84	205	163	42	82	4,850	572	135	266
1945 monthly average ..	6,315	1,024	344	256	89	356	209	49	98	234	179	56	89	5,291	641	151	299
1946 monthly average ..	8,358	1,884	805	666	139	563	345	66	152	405	265	140	112	6,474	748	186	336
1947																	
January.....	8,313	2,086	1,054	935	119	557	353	69	135	397	228	169	78	6,227	606	145	277
February.....	7,913	2,038	1,038	929	110	528	326	69	133	395	230	166	76	5,876	548	134	249
March.....	9,383	2,420	1,240	1,110	130	636	384	90	163	458	278	180	85	6,962	810	194	377
April.....	9,542	2,583	1,295	1,163	132	721	431	105	185	479	295	183	88	6,959	785	190	354
May.....	10,091	2,724	1,311	1,164	147	773	461	108	204	534	339	195	106	7,367	803	201	356
June.....	9,604	2,697	1,303	1,155	148	770	476	107	187	519	319	200	104	6,908	732	200	301
July.....	9,516	2,705	1,329	1,184	145	800	509	108	184	491	291	200	84	6,811	583	143	251
August.....	9,829	2,685	1,296	1,154	142	793	514	100	179	507	306	201	89	7,144	636	149	284
September.....	10,310	2,883	1,374	1,232	142	870	575	102	193	542	333	209	97	7,427	860	214	383
October.....	11,003	3,162	1,498	1,348	150	977	645	128	204	585	350	235	101	7,841	880	219	397
November.....	10,726	2,927	1,392	1,239	152	827	528	102	197	587	358	229	121	7,799	922	253	400
December.....	12,680	3,233	1,398	1,236	162	838	494	91	252	719	419	300	279	9,446	1,248	372	512
Monthly average.....	9,909	2,679	1,294	1,154	140	758	475	98	185	518	312	206	109	7,231	784	201	345
1948																	
January.....	9,704	2,665	1,405	1,291	114	722	458	106	159	456	266	190	81	7,039	663	169	302
February.....	8,948	2,485	1,328	1,223	106	651	414	90	146	433	254	179	73	6,464	604	149	280
March.....	10,771	3,128	1,713	1,578	135	810	506	123	181	524	312	212	81	7,644	910	212	419
April.....	10,730	3,260	1,657	1,505	152	942	584	146	212	576	353	223	85	7,469	781	181	368
May.....	10,758	3,082	1,457	1,306	150	948	597	139	212	578	370	208	100	7,676	808	193	371
June.....	10,868	3,279	1,566	1,396	170	1,019	652	153	215	585	361	224	109	7,589	801	215	343
July.....	10,783	3,328	1,716	1,541	175	981	625	158	198	546	323	224	84	7,455	630	154	276
August.....	10,751	3,445	1,811	1,645	166	979	649	135	195	566	342	224	89	7,306	635	135	307
September.....	11,086	3,307	1,642	1,491	151	977	649	126	202	596	357	240	91	7,779	878	188	426
October.....	11,514	3,335	1,710	1,566	144	975	634	139	201	561	334	226	89	8,180	982	230	477
November.....	10,992	3,197	1,637	1,495	142	872	552	130	190	576	352	224	112	7,795	901	226	422
December.....	13,136	3,497	1,667	1,493	174	832	480	109	243	727	419	308	271	9,639	1,270	359	539
Monthly average.....	10,837	3,167	1,609	1,461	148	893	567	130	196	560	337	223	105	7,670	822	201	378
1949																	
January.....	9,349	2,563	1,435	1,324	111	621	387	94	140	434	252	182	72	6,786	687	186	303
February.....	8,919	2,592	1,522	1,420	102	582	357	90	135	420	245	175	68	6,327	578	138	279
March.....	10,526	3,280	1,989	1,864	126	728	438	132	159	489	288	201	73	7,246	754	163	360
April.....	11,137	3,469	2,059	1,925	134	818	482	148	188	515	307	208	78	7,668	934	202	437
May.....	10,763	3,520	2,039	1,898	141	855	523	135	197	542	328	214	84	7,243	757	178	348
June.....	10,809	3,601	2,093	1,945	148	874	544	139	192	543	320	223	91	7,208	736	192	315
July.....	10,210	3,370	2,026	1,880	146	788	486	128	173	490	274	216	66	6,839	530	132	226
August.....	10,630	3,631	2,165	2,019	145	851	563	121	167	541	307	234	75	6,998	563	118	268
September.....	10,998	3,526	2,006	1,872	134	880	591	114	174	564	316	247	77	7,472	788	171	373
October.....	11,125	3,596	2,011	1,868	143	898	606	116	176	603	333	270	84	7,529	806	186	385
November.....	10,872	3,348	1,794	1,650	144	835	569	100	167	621	350	271	97	7,524	835	209	390
December.....	12,846	3,378	1,588	1,419	170	780	475	85	220	776	424	352	233	9,468	1,208	345	507
Monthly average.....	10,682	3,323	1,894	1,757	137	792	502	117	174	545	312	233	92	7,359	765	185	349
1950																	
January.....	9,522	3,061	1,907	1,799	108	619	414	78	127	472	259	212	64	6,462	606	165	261
February.....	9,281	3,054	1,889	1,783	107	605	400	79	125	496	267	229	65	6,227	536	131	242
March.....	11,062	3,736	2,316	2,180	136	779	509	118	152	574	316	258	66	7,326	762	169	361
April.....	11,072	3,758	2,250	2,110	140	881	569	141	171	554	311	243	72	7,314	812	179	374
May.....	11,654	4,200	2,461	2,294	167	1,061	715	145	201	597	354	244	81	7,454	756	173	349
June.....	11,957	4,515	2,698	2,521	177	1,133	769	159	205	595	344	251	89	7,442	747	195	317
July.....	12,313	4,755	2,881	2,610	271	1,117	745	167	205	685	356	329	72	7,558	583	140	247
August.....	12,737	4,967	2,856	2,632	224	1,248	874	161	214	778	392	386	85	7,770	641	134	304
September.....	12,498	4,462	2,492	2,308	184	1,125	787	133	205	752	385	367	92	8,036	855	191	403
October.....	12,077	4,243	2,309	2,131	179	1,129	792	135	203	712	365	347	93	7,833	844	203	400
November.....	11,613	3,678	1,998	1,826	172	964	668	103	193	614	345	269	102	7,935	871	223	402
December.....	14,463	4,243	2,259	2,014	245	930	547	121	262	796	438	358	259	10,220	1,289	363	553
Monthly average.....	11,687	4,056	2,360	2,184	176	966	649	128	189	635	344	291	95	7,631	775	189	351

For footnotes giving source of data and description of series, see pp. 209, 210.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	ALL TYPES OF RETAIL STORES																
	Estimated sales—unadjusted for seasonal variation ¹																
	Nondurable-goods stores																
	Apparel group		Drug stores	Eating and drinking places	Food group			Filling stations	General-merchandise group					Other retail stores			
	Family and other apparel	Shoes			Total	Grocery and combination	Other food		Total	Department, including mail order	General, including general merchandise with food	Dry goods and other general merchandise	Variety	Total ²	Liquor	Other ²	
Millions of dollars																	
1935 monthly average ..	33	43	103	199	697	529	167	164	478	276	93	44	65	235	27	208	
1936 monthly average ..	38	49	117	229	751	571	180	193	531	314	95	49	72	294	40	254	
1937 monthly average ..	40	53	127	274	809	605	204	220	556	333	95	52	77	327	46	280	
1938 monthly average ..	36	49	123	265	793	599	194	225	512	308	81	47	76	288	45	243	
1939 monthly average ..	40	51	130	293	847	643	204	235	540	331	77	50	81	322	49	273	
1940 monthly average ..	42	53	136	323	909	693	216	246	571	356	76	53	86	359	54	305	
1941 monthly average ..	50	64	152	400	1,048	800	248	288	661	419	83	62	98	429	64	365	
1942 monthly average ..	62	82	182	514	1,285	984	301	252	751	464	96	79	112	530	86	444	
1943 monthly average ..	76	86	216	653	1,398	1,058	340	204	831	511	108	93	119	626	103	524	
1944 monthly average ..	82	89	234	754	1,495	1,139	357	217	908	564	116	101	128	670	124	546	
1945 monthly average ..	91	100	252	867	1,577	1,194	383	251	974	619	118	104	133	729	142	587	
1946 monthly average ..	105	122	293	997	2,000	1,538	461	339	1,218	802	140	122	154	879	164	714	
1947																	
January.....	87	97	281	962	2,162	1,690	472	339	1,006	664	124	96	122	869	146	723	
February.....	78	87	264	860	2,046	1,609	437	312	987	650	120	93	123	858	141	718	
March.....	109	130	296	972	2,286	1,803	482	361	1,257	849	142	118	148	980	158	822	
April.....	102	138	290	984	2,267	1,775	492	400	1,271	842	151	120	157	962	149	813	
May.....	107	139	309	1,040	2,445	1,929	516	442	1,333	882	165	131	155	996	157	839	
June.....	100	132	296	995	2,277	1,785	491	440	1,211	796	153	120	142	956	139	817	
July.....	81	108	299	1,023	2,398	1,891	507	472	1,091	686	155	110	140	945	140	805	
August.....	91	112	306	1,068	2,525	2,002	523	485	1,172	751	157	116	148	952	156	797	
September.....	120	144	303	1,054	2,381	1,865	516	466	1,367	920	160	132	155	996	138	858	
October.....	124	140	310	1,076	2,528	1,996	532	483	1,480	999	168	141	172	1,085	169	916	
November.....	137	131	297	969	2,436	1,936	500	496	1,619	1,114	168	150	188	1,060	170	890	
December.....	190	174	409	1,031	2,635	2,082	553	496	2,240	1,493	194	210	342	1,388	251	1,137	
Monthly average.....	110	128	305	1,003	2,365	1,864	502	433	1,336	887	155	128	166	1,004	160	844	
1948																	
January.....	92	100	295	957	2,515	2,010	505	479	1,090	721	136	104	128	1,040	146	894	
February.....	85	90	287	894	2,260	1,794	466	435	1,042	693	122	97	131	940	131	810	
March.....	125	154	305	990	2,485	1,964	521	495	1,396	944	148	127	177	1,063	145	918	
April.....	103	128	294	994	2,496	1,980	516	523	1,346	912	160	125	149	1,036	144	892	
May.....	107	137	304	1,019	2,599	2,065	534	550	1,369	906	171	131	160	1,027	143	884	
June.....	105	138	301	1,024	2,497	1,955	542	552	1,365	905	170	130	160	1,049	134	914	
July.....	86	114	307	1,032	2,669	2,127	542	581	1,222	765	176	119	161	1,013	141	872	
August.....	90	103	299	1,057	2,497	1,966	531	570	1,266	830	162	117	157	983	130	853	
September.....	122	142	299	1,062	2,555	1,996	559	541	1,448	978	167	140	164	996	142	854	
October.....	140	135	307	1,072	2,674	2,115	559	550	1,562	1,054	172	153	184	1,033	166	867	
November.....	132	121	296	987	2,497	1,958	539	519	1,600	1,101	161	148	191	995	167	828	
December.....	198	174	394	1,023	2,762	2,180	582	531	2,309	1,527	196	218	368	1,349	265	1,084	
Monthly average.....	116	128	307	1,009	2,542	2,009	533	527	1,418	945	162	134	178	1,044	155	889	
1949																	
January.....	95	102	293	936	2,439	1,944	495	468	1,050	689	129	101	131	915	132	783	
February.....	80	89	280	853	2,284	1,822	462	442	1,013	657	123	97	137	877	126	750	
March.....	103	118	298	937	2,512	2,002	510	500	1,242	832	140	116	153	1,003	137	866	
April.....	124	170	300	952	2,583	2,072	512	524	1,401	920	162	136	184	974	146	828	
May.....	103	127	296	944	2,561	1,961	500	550	1,303	864	156	126	157	932	132	799	
June.....	97	132	297	932	2,491	1,973	518	552	1,270	836	154	123	157	930	130	800	
July.....	73	98	296	945	2,574	2,056	518	573	1,058	656	149	103	151	863	130	733	
August.....	78	99	293	972	2,518	1,997	521	563	1,190	783	144	107	156	899	126	774	
September.....	107	136	288	958	2,566	2,036	529	551	1,347	913	146	125	162	974	138	836	
October.....	112	122	295	961	2,563	2,040	522	567	1,377	929	145	130	173	960	148	812	
November.....	121	115	286	895	2,484	1,978	506	533	1,504	1,040	143	136	184	988	157	832	
December.....	187	168	384	954	2,823	2,272	551	540	2,264	1,500	178	209	377	1,296	258	1,037	
Monthly average.....	107	123	300	937	2,525	2,013	512	530	1,335	885	147	126	177	967	147	821	
1950																	
January.....	86	94	286	875	2,336	1,855	480	487	986	654	112	92	128	885	125	760	
February.....	75	88	272	798	2,300	1,851	449	453	980	647	109	89	135	888	123	766	
March.....	104	128	298	894	2,575	2,074	501	512	1,241	844	128	113	156	1,044	139	905	
April.....	110	149	291	893	2,529	2,047	482	523	1,297	857	141	124	175	968	135	833	
May.....	104	130	296	928	2,561	2,054	507	573	1,338	893	155	129	162	1,001	134	867	
June.....	101	134	299	936	2,591	2,090	501	581	1,320	874	155	129	162	967	130	837	
July.....	83	113	293	928	2,819	2,289	530	655	1,306	855	166	124	161	974	134	840	
August.....	89	114	298	986	2,752	2,205	547	629	1,379	924	160	125	169	1,083	137	946	
September.....	116	145	302	979	2,793	2,244	548	582	1,481	1,008	160	136	177	1,045	145	900	
October.....	118	124	306	991	2,620	2,082	538	586	1,442	979	149	136	178	1,046	149	897	
November.....	127	120	297	913	2,661	2,126	534	575	1,569	1,080	157	147	185	1,049	164	886	
December.....	197	176	401	985	3,086	2,519	567	615	2,429	1,613	194	228	394	1,414	268	1,146	
Monthly average.....	109	126	303	926	2,635	2,120	515	564	1,397	936	149	131	182	1,030	149	882	

For footnotes giving source of data and description of series, see pp. 209, 210.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	ALL TYPES OF RETAIL STORES															
	Estimated sales—adjusted for seasonal variation ¹															
	All retail stores	Durable-goods stores										Nondurable-goods stores				
		Total	Automotive group			Building materials and hardware group			Homefurnishings group			Jewelry stores	Total	Apparel group		
			Total	Motor-vehicle dealers	Parts and accessories	Total ²	Building materials	Hardware	Total	Furniture and house-furnishings	Household appliances and radios			Total	Men's clothing and furnishings	Women's apparel and accessories
Millions of dollars																
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1942 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1943 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1944 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1945 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1946 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1947																
January.....	9,200	2,357	1,112	975	137	664	411	170	473	285	188	108	6,843	736	184	322
February.....	9,409	2,498	1,210	1,073	137	696	434	176	485	290	195	107	6,911	728	190	314
March.....	9,502	2,528	1,242	1,100	142	692	433	172	483	294	189	111	6,974	760	196	335
April.....	9,698	2,596	1,325	1,190	135	686	426	173	479	286	187	112	7,102	768	196	342
May.....	9,752	2,538	1,207	1,067	140	709	433	184	511	310	201	111	7,214	799	204	356
June.....	9,846	2,628	1,255	1,114	141	730	455	180	532	319	213	111	7,218	796	203	353
July.....	9,893	2,637	1,254	1,117	137	753	477	180	523	314	209	107	7,256	789	201	350
August.....	9,865	2,628	1,230	1,089	141	768	478	185	523	315	208	107	7,237	793	198	323
September.....	10,295	2,860	1,364	1,225	139	828	529	192	555	342	213	113	7,435	835	219	361
October.....	10,322	2,918	1,436	1,297	139	842	535	190	535	320	215	105	7,404	782	195	347
November.....	10,480	2,929	1,407	1,256	151	855	539	201	560	339	221	107	7,551	839	214	375
December.....	10,646	3,025	1,486	1,347	139	869	545	214	560	332	228	110	7,621	828	214	363
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948																
January.....	10,590	3,009	1,488	1,351	137	858	533	202	554	334	220	109	7,581	794	204	355
February.....	10,597	3,033	1,509	1,367	142	876	555	198	546	328	218	102	7,564	818	212	363
March.....	10,809	3,198	1,668	1,520	148	871	554	196	555	332	223	104	7,611	808	201	358
April.....	10,962	3,242	1,654	1,499	155	905	578	200	575	346	229	108	7,720	809	200	369
May.....	10,640	2,935	1,350	1,200	150	907	582	198	571	351	220	107	7,705	822	201	379
June.....	10,855	3,113	1,507	1,351	156	926	597	198	569	347	222	111	7,742	846	212	389
July.....	10,949	3,213	1,616	1,457	159	922	587	196	571	346	225	104	7,736	802	202	364
August.....	11,030	3,365	1,743	1,585	158	939	603	200	575	348	227	108	7,665	782	188	360
September.....	10,961	3,254	1,664	1,515	149	908	583	196	577	341	236	105	7,707	836	188	396
October.....	10,899	3,196	1,681	1,540	141	870	549	191	543	321	222	102	7,703	861	199	417
November.....	10,763	3,196	1,687	1,550	137	873	549	188	535	320	215	101	7,567	825	193	394
December.....	10,987	3,254	1,742	1,595	147	855	531	191	554	331	223	103	7,733	862	212	386
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949																
January.....	10,611	3,023	1,571	1,433	138	805	496	185	547	327	220	100	7,588	876	236	381
February.....	10,706	3,207	1,763	1,645	138	797	494	181	530	316	214	97	7,499	791	196	357
March.....	10,724	3,309	1,902	1,764	138	792	492	171	519	306	213	96	7,415	776	184	352
April.....	10,814	3,314	1,914	1,779	135	788	483	177	516	301	215	96	7,500	801	180	380
May.....	10,759	3,328	1,885	1,746	139	813	507	183	538	311	227	92	7,431	800	194	366
June.....	10,684	3,346	1,933	1,798	135	792	496	177	528	306	222	93	7,338	772	188	355
July.....	10,549	3,333	1,949	1,813	136	766	473	177	533	306	227	85	7,216	708	179	315
August.....	10,669	3,400	2,081	1,947	134	783	501	165	529	299	230	87	7,189	695	167	314
September.....	10,856	3,504	2,074	1,942	132	796	515	168	546	302	244	88	7,352	738	173	337
October.....	10,678	3,551	2,094	1,955	139	781	507	166	583	318	265	93	7,127	709	165	334
November.....	10,630	3,334	1,867	1,729	138	798	532	165	579	318	261	90	7,296	762	179	360
December.....	10,503	3,145	1,675	1,534	141	798	524	173	589	334	255	83	7,358	747	182	342
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950																
January.....	10,855	3,558	2,077	1,941	136	800	531	167	592	336	255	89	7,297	756	194	331
February.....	11,101	3,742	2,206	2,061	144	828	553	168	616	337	278	93	7,359	735	186	319
March.....	11,125	3,734	2,187	2,038	149	851	572	164	608	337	271	89	7,391	740	178	328
April.....	11,080	3,679	2,130	1,982	148	880	592	166	576	317	259	93	7,401	753	173	350
May.....	11,327	3,886	2,262	2,105	157	969	666	176	569	323	247	87	7,440	765	183	349
June.....	11,699	4,179	2,465	2,325	160	1,026	702	189	576	329	248	92	7,519	770	186	350
July.....	12,700	4,679	2,763	2,512	251	1,084	723	210	739	397	342	93	8,021	778	190	344
August.....	12,682	4,694	2,690	2,484	206	1,143	778	210	760	384	376	101	7,987	788	190	355
September.....	12,133	4,417	2,570	2,389	181	1,015	684	198	727	367	360	104	7,716	768	184	352
October.....	11,759	4,179	2,399	2,225	174	986	670	192	687	348	339	107	7,580	771	189	356
November.....	11,387	3,670	2,074	1,910	165	925	624	191	576	318	258	95	7,717	792	191	366
December.....	12,194	4,099	2,389	2,173	216	988	626	213	625	357	269	97	8,094	819	195	384
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 210.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	ALL TYPES OF RETAIL STORES																
	Estimated sales—adjusted for seasonal variation ¹										Estimated inventories, book value, end of year or month—adjusted for seasonal variation ²						
	Nondurable-goods stores										All retail stores	Durable-goods stores					
	Apparel group		Drug stores	Eating and drinking places	Food group			Filling stations	General-merchandise group			Other retail stores	Total	Auto-motive group	Building materials and hardware group	Home-furnishings group	Jewelry stores
	Family and other apparel	Shoes			Total	Grocery and combination	Other food		Total ³	Department, including mail-order							
Millions of dollars																	
1935 monthly average	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,275	1,799	545	728	368	158
1939 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,532	1,869	576	745	386	162
1940 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,040	2,160	737	821	420	182
1941 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,630	2,740	913	960	608	258
1942 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,868	2,396	757	746	628	265
1943 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,361	1,853	492	618	471	272
1944 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,400	1,776	408	636	451	281
1945 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,543	1,868	417	641	503	307
1946 monthly average ⁴	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,226	3,392	1,009	1,073	932	378
1947																	
January.....	109	121	297	1,009	2,258	1,762	496	364	1,266	840	913	11,520	3,686	1,043	1,181	1,088	374
February.....	105	119	297	1,003	2,282	1,786	496	374	1,273	844	954	11,766	3,901	1,103	1,287	1,134	377
March.....	104	125	303	992	2,278	1,790	488	383	1,290	856	968	11,936	4,055	1,148	1,390	1,132	385
April.....	107	123	302	1,007	2,337	1,828	502	415	1,311	865	962	12,125	4,194	1,142	1,476	1,197	379
May.....	110	129	305	1,016	2,347	1,848	499	433	1,337	896	977	11,895	4,177	1,120	1,534	1,146	377
June.....	112	128	305	987	2,354	1,856	498	431	1,332	889	1,013	12,104	4,221	1,147	1,533	1,164	377
July.....	110	128	303	1,004	2,378	1,879	499	444	1,333	891	1,005	12,062	4,195	1,128	1,513	1,177	377
August.....	106	126	310	1,006	2,380	1,883	497	457	1,335	894	996	11,981	4,247	1,115	1,558	1,183	391
September.....	120	135	311	1,010	2,413	1,908	505	453	1,375	908	1,038	12,150	4,345	1,201	1,583	1,170	391
October.....	109	131	311	1,014	2,456	1,947	509	457	1,338	879	1,046	12,476	4,440	1,216	1,565	1,263	396
November.....	117	133	307	974	2,438	1,933	505	496	1,415	945	1,082	12,644	4,458	1,282	1,588	1,180	408
December.....	116	135	308	1,013	2,463	1,944	519	486	1,428	938	1,095	13,221	4,676	1,410	1,635	1,222	405
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948																	
January.....	112	123	309	1,006	2,523	2,002	521	512	1,362	912	1,075	13,662	4,849	1,445	1,742	1,252	410
February.....	116	127	314	1,008	2,505	1,985	520	502	1,368	912	1,049	14,006	4,986	1,446	1,780	1,330	430
March.....	115	134	314	1,012	2,531	1,997	534	524	1,375	908	1,047	14,253	5,277	1,510	2,014	1,307	446
April.....	112	128	307	1,020	2,565	2,034	531	542	1,424	956	1,053	14,156	5,100	1,430	1,987	1,254	439
May.....	112	130	303	997	2,569	2,039	530	538	1,416	949	1,060	14,089	5,068	1,407	1,941	1,270	450
June.....	114	131	307	1,018	2,526	1,984	542	539	1,440	961	1,066	14,349	5,220	1,586	1,929	1,257	448
July.....	110	126	308	1,016	2,541	2,011	530	546	1,455	976	1,068	14,372	5,257	1,551	1,974	1,280	452
August.....	112	122	306	999	2,534	2,004	530	537	1,457	978	1,050	14,490	5,273	1,574	2,025	1,217	457
September.....	121	131	305	1,020	2,544	2,003	541	526	1,447	964	1,029	14,877	5,339	1,466	2,116	1,308	449
October.....	122	123	307	1,012	2,549	2,018	531	521	1,435	960	1,018	14,937	5,554	1,675	2,080	1,364	435
November.....	114	124	306	996	2,555	2,006	549	518	1,378	907	989	15,027	5,646	1,754	2,068	1,379	445
December.....	126	138	301	1,008	2,564	2,028	536	520	1,458	954	1,020	14,969	5,746	1,996	1,935	1,372	443
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949																	
January.....	124	135	308	979	2,515	1,994	521	520	1,393	920	997	14,659	5,734	2,122	1,930	1,241	441
February.....	111	127	313	992	2,552	2,026	526	534	1,340	873	977	14,479	5,675	2,169	1,857	1,215	434
March.....	111	129	305	955	2,560	2,040	520	528	1,317	859	974	14,700	5,751	2,150	1,904	1,234	463
April.....	111	130	310	973	2,540	2,027	513	534	1,367	905	975	14,458	5,669	2,038	1,938	1,235	458
May.....	112	128	297	920	2,539	2,033	506	524	1,376	909	975	14,139	5,375	1,841	1,935	1,139	460
June.....	105	124	303	923	2,527	2,009	518	526	1,336	885	951	14,182	5,357	1,914	1,904	1,086	453
July.....	99	115	299	926	2,500	1,989	511	526	1,304	868	953	13,862	5,289	1,917	1,882	1,039	451
August.....	97	117	296	915	2,502	1,989	513	528	1,317	881	936	13,932	5,333	2,051	1,840	993	449
September.....	104	124	293	916	2,540	2,032	508	534	1,342	897	989	14,355	5,580	2,222	1,869	1,047	442
October.....	99	111	295	904	2,465	1,964	501	535	1,274	851	945	14,475	5,725	2,317	1,870	1,112	426
November.....	104	119	296	900	2,539	2,027	512	536	1,297	859	966	14,336	5,548	2,116	1,865	1,130	437
December.....	104	119	290	937	2,519	2,024	495	538	1,356	911	971	13,698	5,112	1,740	1,798	1,117	457
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950																	
January.....	107	124	305	917	2,511	1,994	517	541	1,304	867	965	13,998	5,352	1,973	1,849	1,071	459
February.....	104	125	304	930	2,563	2,052	511	548	1,298	862	982	13,800	5,163	1,776	1,808	1,124	455
March.....	105	130	305	912	2,599	2,092	506	540	1,282	848	1,012	14,282	5,259	1,696	1,889	1,197	477
April.....	107	124	304	915	2,551	2,058	492	534	1,330	892	1,014	14,138	5,258	1,622	1,939	1,232	465
May.....	108	124	296	906	2,578	2,071	507	546	1,344	892	1,006	14,416	5,437	1,763	1,993	1,217	464
June.....	109	126	305	929	2,604	2,107	496	553	1,376	919	983	14,720	5,634	1,948	2,027	1,189	470
July.....	113	131	295	911	2,754	2,226	528	601	1,605	1,122	1,078	14,125	5,135	1,574	2,021	1,069	471
August.....	110	133	302	929	2,728	2,192	536	590	1,523	1,037	1,127	15,076	5,484	1,744	2,042	1,214	484
September.....	108	125	304	938	2,640	2,127	514	564	1,445	981	1,056	15,793	5,807	1,781	2,192	1,325	509
October.....	106	119	308	933	2,624	2,096	528	553	1,350	895	1,042	16,697	6,482	2,093	2,296	1,590	503
November.....	109	126	309	929	2,718	2,177	540	579	1,365	906	1,025	16,787	6,576	2,101	2,370	1,593	512
December.....	114	126	308	957	2,802	2,282	520	613	1,494	1,011	1,101	16,754	6,644	2,165	2,445	1,519	515
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 210.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	ALL TYPES OF RETAIL STORES								CHAIN STORES AND MAIL-ORDER HOUSES ²									
	Estimated inventories book value, end of year or month—adjusted for seasonal variation ¹								Estimated sales									
	Nondurable-goods stores								Total	Apparel group				Automotive parts and accessories	Building materials	Drug stores	Eating and drinking places	
	Total	Apparel group	Drug stores	Eating and drinking places	Food group	Filling stations	General merchandise group	Other retail stores		Total	Total	Men's wear	Women's wear					Shoes
Millions of dollars																		
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	670	63	12	22	23	16	21	26	21	
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	747	76	14	27	27	17	27	29	22	
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	786	82	15	31	29	19	30	31	24	
1938 monthly average ² ..	3,476	717	308	670	612	97	1,201	474	739	76	13	29	28	18	28	31	24	
1939 monthly average ² ..	3,663	748	312	72	656	101	1,270	504	798	83	14	33	29	20	29	33	25	
1940 monthly average ² ..	3,880	748	321	92	707	119	1,391	502	865	89	16	37	30	20	32	35	27	
1941 monthly average ² ..	4,890	943	350	148	938	160	1,658	693	1,036	109	20	44	36	25	41	40	30	
1942 monthly average ² ..	5,472	1,160	398	245	1,058	142	1,739	730	1,172	137	21	60	44	21	42	48	35	
1943 monthly average ² ..	5,508	1,180	418	315	979	116	1,837	663	1,202	155	23	78	42	23	42	55	40	
1944 monthly average ² ..	5,624	1,169	425	429	933	126	1,741	801	1,291	171	25	88	43	24	44	57	42	
1945 monthly average ² ..	5,675	1,024	446	409	995	139	1,797	865	1,359	184	27	95	47	27	50	59	44	
1946 monthly average ² ..	7,834	1,449	489	523	1,344	179	2,726	1,124	1,759	216	36	103	59	44	64	69	50	
1947																		
January.....	7,834	1,422	500	511	1,330	189	2,667	1,215	1,704	163	30	73	46	29	65	66	52	
February.....	7,865	1,500	491	505	1,323	199	2,658	1,189	1,673	153	27	72	41	29	64	64	47	
March.....	7,881	1,483	487	512	1,379	209	2,617	1,194	2,038	245	45	118	62	35	74	70	52	
April.....	7,931	1,482	490	503	1,381	210	2,610	1,255	2,046	240	40	111	69	38	83	66	51	
May.....	7,718	1,491	491	479	1,317	221	2,508	1,211	2,165	244	41	116	68	45	90	69	52	
June.....	7,883	1,502	486	487	1,435	231	2,430	1,312	2,007	229	39	103	68	44	93	65	50	
July.....	7,867	1,485	488	468	1,463	289	2,383	1,291	1,951	181	25	88	53	45	97	65	52	
August.....	7,734	1,526	480	455	1,525	267	2,288	1,193	2,050	187	27	90	55	46	99	68	52	
September.....	7,805	1,538	472	441	1,561	273	2,327	1,193	2,146	246	44	109	72	42	112	66	52	
October.....	8,036	1,582	493	448	1,567	278	2,477	1,191	2,330	253	47	113	71	41	117	69	54	
November.....	8,186	1,571	505	447	1,549	286	2,588	1,240	2,358	260	55	116	67	47	88	68	50	
December.....	8,545	1,632	537	466	1,512	267	2,859	1,272	2,870	358	71	161	94	56	75	98	54	
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	2,112	230	41	106	64	41	88	70	52	
1948																		
January.....	8,813	1,699	557	491	1,572	281	2,978	1,235	2,014	173	32	80	46	28	81	66	51	
February.....	9,020	1,771	550	481	1,629	277	3,071	1,241	1,870	170	30	82	44	28	68	66	49	
March.....	8,976	1,776	546	503	1,590	277	3,031	1,253	2,312	288	48	138	78	37	80	69	54	
April.....	9,046	1,860	550	496	1,532	293	3,027	1,288	2,264	235	38	112	65	44	101	65	52	
May.....	9,021	1,864	546	481	1,583	294	2,935	1,318	2,350	253	38	124	70	45	110	67	53	
June.....	9,129	1,890	563	489	1,638	280	2,920	1,349	2,313	254	41	119	73	50	117	67	52	
July.....	9,115	1,842	557	487	1,666	265	2,930	1,368	2,280	208	26	106	60	54	113	70	54	
August.....	9,217	1,898	576	496	1,678	277	2,936	1,356	2,200	195	24	104	52	50	118	68	54	
September.....	9,538	1,932	585	510	1,757	306	3,037	1,411	2,351	265	42	130	72	45	126	67	53	
October.....	9,383	1,865	562	468	1,724	312	3,029	1,423	2,519	290	50	145	69	41	125	71	54	
November.....	9,381	1,866	567	472	1,622	319	3,059	1,476	2,391	263	48	129	63	42	101	67	51	
December.....	9,223	1,838	566	458	1,529	337	3,067	1,428	3,028	375	66	179	98	62	80	97	55	
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	2,324	247	40	121	66	44	102	70	53	
1949																		
January.....	8,925	1,746	591	449	1,497	326	2,938	1,378	1,968	185	35	86	48	29	61	66	51	
February.....	8,804	1,747	599	428	1,511	329	2,875	1,315	1,856	173	28	85	45	29	55	64	48	
March.....	8,949	1,833	602	465	1,523	329	2,925	1,272	2,186	238	38	120	59	38	70	68	52	
April.....	8,789	1,794	588	426	1,458	328	2,847	1,348	2,401	308	46	148	90	42	85	67	54	
May.....	8,764	1,798	581	423	1,488	333	2,787	1,354	2,240	238	37	116	66	46	93	66	51	
June.....	8,825	1,810	596	423	1,530	347	2,733	1,386	2,226	235	38	108	70	47	99	66	51	
July.....	8,573	1,716	571	402	1,543	347	2,646	1,348	2,095	176	22	88	52	49	87	69	52	
August.....	8,599	1,752	583	398	1,529	324	2,675	1,338	2,144	180	21	93	52	47	102	66	53	
September.....	8,775	1,806	596	411	1,552	327	2,767	1,316	2,307	249	40	117	71	41	112	64	50	
October.....	8,750	1,809	563	396	1,550	301	2,843	1,288	2,358	239	38	119	62	44	113	67	51	
November.....	8,788	1,780	555	411	1,496	287	2,943	1,316	2,339	236	43	113	59	43	99	63	49	
December.....	8,586	1,768	541	416	1,444	277	2,893	1,247	3,068	358	65	168	96	64	78	94	52	
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	2,266	235	38	113	64	43	88	68	51	
1950																		
January.....	8,646	1,746	567	392	1,489	270	2,943	1,239	1,872	162	30	73	45	31	70	63	50	
February.....	8,637	1,776	579	399	1,504	285	2,955	1,139	1,886	159	25	76	45	32	63	61	45	
March.....	9,023	1,856	582	420	1,595	315	3,015	1,240	2,267	243	39	119	65	42	75	66	50	
April.....	8,880	1,835	560	396	1,515	310	2,956	1,308	2,334	263	38	124	79	45	88	65	50	
May.....	8,979	1,842	599	393	1,568	332	2,916	1,329	2,361	238	34	116	68	53	109	64	52	
June.....	9,086	1,859	618	391	1,625	374	2,852	1,367	2,380	234	37	107	70	58	121	65	50	
July.....	8,990	1,835	594	420	1,619	392	2,805	1,325	2,496	186	24	91	56	81	126	66	51	
August.....	9,592	1,989	619	435	1,779	377	2,994	1,399	2,485	196	24	98	58	67	142	66	52	
September.....	9,986	2,038	620	456	1,802	385	3,181	1,504	2,588	262	41	125	75	57	136	66	50	
October.....	10,215	2,078	596	453	1,789	361	3,340	1,598	2,498	246	40	121	64	49	137	68	52	
November.....	10,211	2,093	588	490	1,672	331	3,390	1,647	2,522	246	44	118	64	47	111	64	49	
December.....	10,110	2,076	572	540	1,620	322	3,409	1,571	3,389	381	69	182	99	77	87	97	54	
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	2,423	235	37	113	66	53	105	68	50	

For footnotes giving source of data and description of series, see p. 210.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	CHAIN STORES AND MAIL-ORDER HOUSES ¹															
	Estimated sales						Indexes of sales									
	Furniture and house-furnishings	General-merchandise group				Grocery and combination stores	Unadjusted for seasonal variation, total	Adjusted for seasonal variation								
		Total	Department, dry goods, and general merchandise	Mail-order (catalog sales)	Variety			Total	Apparel group				Automotive parts and accessories	Building materials	Drug stores	Eating and drinking places
									Total	Men's wear	Women's wear	Shoes				
Millions of dollars						1935-39=100										
1935 monthly average...	8	177	82	32	59	205	89.6	.....	83.0	85.8	76.5	85.6	86.8	78.3	87.0	88.6
1936 monthly average...	11	202	96	37	65	217	99.9	.....	100.0	106.1	95.9	99.1	96.4	101.3	96.4	96.3
1937 monthly average...	13	216	104	39	68	220	105.1	.....	108.3	107.8	109.1	107.6	104.6	109.4	103.5	103.6
1938 monthly average...	11	204	98	35	67	218	98.9	.....	100.0	94.9	102.7	101.8	102.6	103.8	103.3	102.9
1939 monthly average...	13	224	111	39	71	236	106.7	.....	108.6	105.4	115.8	105.9	109.5	107.2	109.8	108.8
1940 monthly average...	13	244	124	41	75	259	115.7	.....	117.3	113.7	129.2	110.2	113.7	119.4	116.6	115.4
1941 monthly average...	15	294	153	51	85	312	138.6	.....	143.4	147.4	156.1	131.8	140.4	150.4	131.5	129.0
1942 monthly average...	13	323	167	52	97	379	156.8	.....	180.2	157.0	212.8	163.7	115.0	153.6	156.4	148.4
1943 monthly average...	14	325	167	48	103	363	160.7	.....	203.8	164.6	276.0	153.5	126.5	152.6	179.2	171.7
1944 monthly average...	14	353	185	50	110	393	172.6	.....	224.6	185.4	311.1	158.7	135.7	161.4	186.8	181.7
1945 monthly average...	15	370	198	50	113	397	181.7	.....	242.5	197.7	335.9	173.1	150.4	184.5	193.1	189.8
1946 monthly average...	23	490	271	78	131	524	220.8	.....	284.0	266.0	362.5	216.2	242.5	232.8	227.7	212.9
1947																
January.....	18	390	202	75	102	633	227.0	255.8	260.6	268.7	308.5	211.5	215.4	283.9	230.6	226.4
February.....	22	391	202	77	104	629	241.2	264.7	261.6	260.8	319.0	205.8	216.6	322.7	236.0	221.8
March.....	24	511	280	96	125	713	264.6	270.9	287.4	274.1	365.7	217.3	224.2	313.3	231.9	220.8
April.....	24	534	303	88	132	689	276.5	276.7	292.4	270.7	379.9	217.1	220.4	299.9	229.1	220.8
May.....	27	555	323	85	130	743	276.6	278.7	308.0	294.4	394.2	229.7	236.4	306.5	230.2	223.5
June.....	26	511	304	77	119	661	278.5	280.7	305.0	286.7	388.1	233.4	232.6	325.1	223.9	224.2
July.....	24	476	279	68	117	683	259.9	282.5	306.5	292.1	382.3	241.2	232.5	328.6	222.9	222.8
August.....	25	520	303	82	123	723	262.5	282.4	300.6	305.7	360.3	240.8	240.0	333.7	229.0	220.2
September.....	27	596	347	108	129	662	297.4	292.4	326.1	346.5	390.2	253.7	228.3	361.5	229.7	221.3
October.....	29	648	366	126	143	754	303.0	289.3	300.8	288.5	365.9	246.6	217.5	334.8	227.2	220.9
November.....	35	700	399	132	157	755	321.5	298.3	323.3	333.7	398.0	244.8	246.0	326.1	226.0	211.9
December.....	45	961	528	131	288	786	379.8	302.3	325.4	332.8	396.2	253.9	243.9	331.8	228.7	219.1
Monthly average.....	27	566	320	95	139	703	282.3	.....	302.2	298.9	373.5	234.8	230.6	323.9	228.7	220.9
1948																
January.....	21	451	249	84	108	804	259.0	295.7	292.9	271.4	375.4	224.6	220.3	351.3	228.0	220.2
February.....	22	434	231	84	110	725	268.6	299.0	311.6	300.0	395.5	235.5	225.7	353.3	234.5	223.0
March.....	27	603	330	113	149	797	303.0	304.9	312.5	282.5	400.6	242.4	231.0	344.6	231.6	228.6
April.....	28	539	348	103	126	792	303.6	311.7	315.8	282.2	411.0	239.8	254.2	366.9	225.3	227.5
May.....	29	591	357	86	135	844	310.2	311.7	321.2	287.5	419.0	243.3	251.5	382.6	227.7	226.8
June.....	28	606	364	94	135	770	312.5	313.3	330.9	301.2	434.2	245.1	253.5	384.2	228.1	229.3
July.....	26	569	342	78	136	824	291.2	315.7	326.5	289.6	427.7	246.1	267.5	383.5	235.9	229.5
August.....	29	588	342	102	132	741	296.0	317.5	324.9	286.1	427.6	242.5	256.2	388.1	232.2	226.9
September.....	31	648	382	116	138	751	323.0	315.3	336.2	304.8	442.0	245.6	244.2	389.6	231.8	227.5
October.....	25	706	414	125	154	839	325.3	311.0	342.0	300.1	471.3	235.4	226.1	370.2	232.3	221.8
November.....	28	706	394	139	161	774	328.3	307.7	329.9	296.0	443.3	235.6	212.8	378.6	225.0	219.5
December.....	39	1,024	556	144	310	850	406.4	316.3	340.4	316.5	434.2	262.1	256.2	355.1	227.0	222.4
Monthly average.....	28	626	359	106	150	793	310.8	.....	325.2	294.2	425.9	242.2	244.2	373.9	230.4	225.7
1949																
January.....	19	430	231	79	110	807	264.8	306.2	337.2	327.8	429.1	252.6	239.0	300.0	228.4	222.5
February.....	18	424	224	76	116	740	267.7	300.6	316.3	284.7	409.2	242.2	238.6	292.2	232.2	226.4
March.....	22	530	298	92	129	816	286.8	302.0	315.1	271.2	413.0	243.0	241.8	300.2	225.2	218.1
April.....	24	620	368	86	155	848	310.6	304.5	328.8	273.4	441.1	246.9	240.8	306.5	229.8	233.2
May.....	26	581	351	86	132	789	306.9	308.4	315.4	291.1	404.5	241.1	248.2	325.1	225.2	221.4
June.....	25	573	347	82	132	773	300.5	300.9	304.3	271.3	392.5	235.7	235.2	325.6	225.3	223.7
July.....	23	501	300	62	127	797	274.7	296.7	284.9	250.1	368.8	220.9	248.0	306.6	233.8	221.2
August.....	26	562	330	90	132	754	281.0	300.5	291.0	245.1	374.9	232.5	238.2	321.8	223.9	224.9
September.....	26	622	369	105	137	778	314.9	306.8	313.0	291.9	396.6	240.6	222.5	340.5	222.4	214.5
October.....	29	637	381	100	145	812	306.0	294.4	283.7	228.5	387.8	210.6	244.0	336.3	220.0	211.8
November.....	29	669	378	126	155	789	321.5	301.0	297.8	264.7	390.5	224.8	223.9	351.8	215.7	210.7
December.....	40	1,041	570	140	317	906	389.7	302.3	301.0	282.3	383.0	231.1	258.8	345.5	218.1	209.0
Monthly average.....	26	599	346	94	149	801	302.4	.....	308.4	274.9	400.3	236.0	240.8	323.1	224.9	219.5
1950																
January.....	20	415	228	71	108	737	258.9	299.9	299.8	280.8	377.4	236.5	257.6	340.1	220.9	214.8
February.....	21	431	235	73	114	755	272.0	306.0	293.6	251.1	371.3	241.8	266.7	336.0	220.7	212.4
March.....	25	546	311	94	131	849	295.3	308.1	301.4	250.7	389.7	244.0	264.0	331.1	221.3	209.3
April.....	24	598	360	80	147	845	312.0	309.8	305.1	252.0	400.9	240.2	274.1	330.8	224.6	217.5
May.....	28	610	377	86	136	833	314.1	315.0	303.3	263.6	390.6	239.8	274.6	365.2	215.9	222.4
June.....	26	621	386	87	137	826	319.2	317.9	300.9	265.3	387.9	235.4	291.3	396.6	222.0	221.7
July.....	29	652	420	84	136	902	328.8	354.7	301.8	274.8	381.8	237.8	407.7	442.1	221.2	216.9
August.....	31	656	397	105	142	843	325.2	347.3	315.4	286.1	393.5	254.7	339.1	450.7	224.6	220.4
September.....	33	692	427	105	149	878	341.2	331.9	314.3	281.1	402.2	241.6	308.6	409.4	227.8	214.4
October.....	30	671	398	112	150	840	336.0	323.2	305.4	257.5	407.1	231.7	271.0	403.0	223.4	214.6
November.....	27	733	423	143	156	862	346.1	323.9	309.5	269.9	400.5	242.5	240.5	393.7	219.9	210.4
December.....	39	1,140	642	158	326	1,037	442.4	344.7	330.8	306.0	431.2	245.6	322.1	398.3	226.3	218.1
Monthly average.....	28	647	384	100	153	851	324.3	.....	308.1	270.8	397.4	241.0	296.9	387.5	222.5	216.1

For footnotes giving source of data and description of series, see pp. 210, 211.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	CHAIN STORES AND MAIL-ORDER HOUSES ¹						DEPARTMENT STORES										
	Indexes of sales Adjusted for seasonal variation						Accounts, collections, and sales by type of payment ²								Sales, by Federal Reserve Districts		
							General-merchandise group						Accounts receivable, end of month		Ratio of collections to accounts receivable		Sales by type of payments			Unadjusted for seasonal variation
	Furniture and house-furnishings	Total	Department, dry goods, and general merchandise	Mail-order (catalog sales)	Variety	Grocery and combination stores	Charge accounts	Installment accounts	Charge accounts	Installment accounts	Cash sales	Charge account sales	Installment sales	Total, United States ³	Atlanta ⁴	Boston ⁴	
	1935-39 = 100						1941 average = 100		Percent		Percent of total sales			1935-39 = 100			
1935 monthly average ..	74.1	86.4	83.8	88.3	89.5	93.7	.....	.....	44	17	.....	.....	.....	88	84	92	
1936 monthly average ..	97.9	98.8	98.1	101.7	98.5	99.0	.....	.....	46	17	.....	.....	.....	100	97	100	
1937 monthly average ..	115.0	105.5	106.2	106.8	103.4	100.4	.....	.....	46	17	.....	.....	.....	107	105	104	
1938 monthly average ..	96.7	99.7	99.3	97.0	101.5	99.4	.....	.....	45	16	.....	.....	.....	99	103	100	
1939 monthly average ..	116.1	109.6	112.6	106.2	107.1	107.6	.....	.....	46	17	.....	.....	.....	106	113	104	
1940 monthly average ..	119.7	119.0	125.7	111.9	113.1	118.2	90	89	46	18	.....	.....	.....	114	123	108	
1941 monthly average ..	135.2	143.8	155.5	141.2	128.3	142.2	100	100	46	19	48	43	9	133	145	126	
1942 monthly average ..	121.4	157.6	170.0	142.3	147.1	172.8	91	78	56	24	56	38	6	150	162	140	
1943 monthly average ..	124.3	158.9	169.9	131.3	155.5	165.4	79	46	63	32	61	34	5	168	204	148	
1944 monthly average ..	126.9	172.4	187.6	137.4	166.4	178.9	84	38	63	34	64	32	4	187	244	162	
1945 monthly average ..	140.7	180.5	201.2	136.8	171.4	181.1	94	37	63	35	64	32	4	207	275	176	
1946 monthly average ..	211.9	239.4	275.2	215.1	198.0	238.9	138	50	60	35	59	37	4	264	344	221	
1947																	
January.....	228.5	247.8	287.4	228.2	197.2	292.9	175	74	52	30	57	37	6	210	273	170	
February.....	257.4	252.1	293.7	236.8	197.3	306.8	154	73	52	29	56	38	6	222	298	171	
March.....	234.4	260.7	307.4	239.9	201.7	311.3	160	75	56	33	56	38	6	266	346	227	
April.....	226.5	268.4	316.6	244.1	208.9	320.1	163	79	54	30	55	39	6	269	350	227	
May.....	237.3	269.9	318.1	269.1	197.2	316.1	167	81	56	30	55	39	6	281	348	241	
June.....	251.6	272.7	324.5	265.8	198.0	316.7	165	82	54	28	55	39	6	266	307	232	
July.....	243.1	275.4	329.0	270.0	197.1	320.5	146	83	53	28	57	37	6	220	269	164	
August.....	248.7	273.8	322.4	276.3	198.6	322.4	145	84	51	28	56	38	6	236	309	176	
September.....	262.4	287.1	344.6	263.7	213.4	326.0	166	87	53	31	54	40	6	300	368	248	
October.....	224.3	276.5	322.7	265.7	212.1	339.5	181	95	57	31	53	40	7	300	372	234	
November.....	279.3	294.1	347.9	283.0	219.7	338.1	204	111	55	30	53	40	7	376	459	306	
December.....	287.3	304.2	348.2	291.9	245.8	337.5	263	136	54	29	54	39	7	486	619	419	
Monthly average.....	250.1	276.5	325.3	261.9	210.9	320.3	174	88	54	30	55	39	6	286	360	234	
1948																	
January.....	262.1	285.4	340.5	271.9	210.0	350.1	205	127	53	24	54	39	7	225	284	170	
February.....	258.7	286.2	337.1	270.1	219.1	353.7	181	124	49	23	53	40	7	238	316	174	
March.....	252.4	296.7	354.8	272.8	223.2	359.8	190	129	53	27	52	41	7	285	387	228	
April.....	256.0	307.3	375.0	285.1	218.8	363.3	191	131	52	25	51	41	8	289	366	231	
May.....	269.8	297.7	357.1	280.0	218.3	371.0	192	134	52	24	52	41	7	300	375	240	
June.....	264.3	312.1	377.3	297.0	222.8	357.4	192	136	52	24	52	41	7	289	333	242	
July.....	269.9	316.1	380.7	309.8	223.1	360.9	167	138	51	23	54	38	8	243	314	176	
August.....	274.8	321.2	382.6	329.7	225.1	364.5	165	144	51	23	52	39	9	259	354	175	
September.....	270.3	315.0	381.2	292.9	228.7	359.6	188	151	53	23	50	42	8	319	410	260	
October.....	224.8	301.3	358.2	283.0	226.3	365.4	206	155	54	23	51	42	7	329	424	258	
November.....	217.6	300.3	355.2	279.7	230.3	360.4	219	160	55	23	51	42	7	357	434	285	
December.....	248.9	323.2	378.2	301.0	254.6	359.6	281	176	53	23	53	41	6	495	635	428	
Monthly average.....	255.3	305.9	365.0	290.1	226.6	361.1	198	142	52	24	52	41	7	302	386	239	
1949																	
January.....	243.5	298.8	351.6	276.5	232.6	366.5	219	163	51	22	52	41	7	226	287	187	
February.....	222.7	291.3	345.4	256.1	229.9	361.1	187	157	49	21	51	42	7	228	314	180	
March.....	214.9	289.9	348.8	246.8	226.3	367.1	180	152	55	23	51	42	7	254	339	194	
April.....	229.4	288.3	349.3	244.3	221.2	366.3	190	152	53	23	51	41	8	295	393	256	
May.....	236.6	303.4	368.2	269.6	226.0	368.7	191	153	53	22	50	42	8	288	365	241	
June.....	231.8	293.1	356.3	258.7	218.0	358.4	187	152	53	21	51	41	8	269	324	232	
July.....	244.2	285.6	344.0	256.7	215.0	358.0	163	151	49	19	52	39	9	218	294	156	
August.....	242.5	294.5	358.4	262.9	217.9	360.8	161	155	51	21	50	40	10	239	324	173	
September.....	229.4	299.3	363.8	261.8	225.6	368.1	182	165	52	20	49	42	9	300	381	248	
October.....	248.7	273.9	328.5	232.3	216.5	358.8	191	175	53	20	48	42	10	293	395	234	
November.....	229.3	286.9	342.2	255.8	223.1	365.6	213	189	54	20	48	43	9	340	425	292	
December.....	244.9	294.6	346.7	269.4	233.0	361.9	285	214	52	20	51	41	8	484	642	418	
Monthly average.....	235.5	292.6	351.2	257.0	225.8	364.9	196	165	52	21	51	41	8	286	374	234	
1950																	
January.....	256.5	290.3	350.1	245.2	228.1	356.0	222	209	49	18	49	42	9	216	285	185	
February.....	246.6	297.0	363.8	248.4	226.4	368.3	191	207	47	17	48	41	11	225	322	177	
March.....	236.9	291.8	354.5	251.9	222.3	377.3	185	209	53	19	49	41	10	258	359	207	
April.....	240.6	293.0	361.9	237.9	222.4	378.8	190	212	50	17	49	42	9	285	389	241	
May.....	244.4	306.6	381.4	256.9	224.3	379.1	194	217	52	18	48	43	9	286	378	228	
June.....	243.9	311.1	385.7	270.4	224.0	378.9	194	219	51	17	48	43	9	281	345	230	
July.....	314.9	369.7	477.7	342.8	227.3	410.9	184	230	49	17	47	41	12	283	386	185	
August.....	289.5	347.3	437.0	309.7	236.9	402.2	191	241	50	18	46	42	12	281	373	198	
September.....	293.4	321.5	400.8	269.2	234.2	391.2	210	256	51	18	46	42	12	331	426	263	
October.....	262.3	300.1	361.8	253.2	235.5	394.8	216	260	51	18	47	43	10	308	388	239	
November.....	215.2	312.7	381.7	290.7	223.4	399.5	233	259	51	17	48	43	9	355	453	287	
December.....	248.4	333.0	401.8	308.2	246.8	424.4	314	276	49	18	50	42	8	534	708	436	
Monthly average.....	256.6	315.7	389.2	274.9	230.8	388.4	210	233	50	18	48	42	10	304	401	240	

For footnotes giving source of data and description of series, see pp. 210, 211.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	DEPARTMENT STORES												
	Sales, by Federal Reserve Districts ¹												
	Unadjusted for seasonal variation										Adjusted for seasonal variation		
	Chicago	Cleveland	Dallas	Kansas City	Minneapolis	New York	Philadelphia	Richmond	St. Louis	San Francisco	Total, United States ²	Atlanta	Boston
	1935-39= 100												
1935 monthly average ..	86	86	80	89	90	93	91	87	85	86	.....	.....	.....
1936 monthly average ..	100	101	97	99	99	101	102	98	97	99	.....	.....	.....
1937 monthly average ..	109	111	105	107	104	106	107	105	106	106	.....	.....	.....
1938 monthly average ..	98	96	106	100	101	99	96	101	102	101	.....	.....	.....
1939 monthly average ..	107	106	112	105	106	101	104	109	111	109	.....	.....	.....
1940 monthly average ..	116	114	116	110	109	106	111	121	119	119	.....	.....	.....
1941 monthly average ..	135	138	138	127	123	119	129	148	143	140	.....	.....	.....
1942 monthly average ..	149	153	157	149	129	128	143	179	158	171	.....	.....	.....
1943 monthly average ..	161	167	212	184	148	135	151	194	179	204	.....	.....	.....
1944 monthly average ..	176	182	245	205	164	150	167	215	200	224	.....	.....	.....
1945 monthly average ..	193	201	275	229	185	169	184	235	227	248	.....	.....	.....
1946 monthly average ..	250	257	352	287	247	220	235	292	292	311	.....	.....	.....
1947													
January.....	196	194	295	225	196	183	188	219	228	256	273	359	223
February.....	210	210	306	247	201	188	189	225	244	283	274	354	221
March.....	250	262	337	283	258	229	256	292	288	301	276	357	230
April.....	258	266	347	290	263	223	247	290	297	306	280	361	236
May.....	276	283	356	297	262	237	261	300	315	309	286	359	244
June.....	270	267	308	282	263	231	238	279	269	303	283	349	241
July.....	219	220	288	251	216	171	185	216	249	282	285	345	237
August.....	224	237	327	277	242	178	193	234	264	312	283	344	237
September.....	296	293	387	337	311	243	266	322	340	348	291	354	241
October.....	284	290	396	335	303	252	280	325	330	352	282	354	211
November.....	364	371	507	393	335	323	371	395	428	419	304	396	244
December.....	455	479	634	505	424	408	460	548	516	574	298	369	239
Monthly average.....	275	281	374	311	273	239	261	304	314	337	.....	.....	.....
1948													
January.....	217	216	316	245	213	193	204	215	239	280	293	374	224
February.....	225	233	324	255	206	203	216	246	258	294	295	376	226
March.....	266	284	387	302	263	235	283	317	318	326	292	379	228
April.....	283	280	398	321	284	238	262	295	326	332	306	399	243
May.....	289	304	392	327	294	252	287	313	333	339	304	386	242
June.....	290	288	345	301	277	247	266	296	311	338	306	379	252
July.....	243	244	330	270	238	181	208	235	277	310	312	402	255
August.....	248	268	364	304	261	188	218	261	305	338	308	393	237
September.....	305	320	443	344	319	257	297	357	366	355	308	394	252
October.....	313	338	426	361	343	281	323	359	362	346	310	404	232
November.....	345	366	472	375	334	299	356	386	404	391	291	374	228
December.....	460	491	646	502	431	416	480	571	517	582	302	378	245
Monthly average.....	290	303	404	325	288	249	284	321	335	353	.....	.....	.....
1949													
January.....	216	230	307	223	203	195	209	224	238	271	295	378	246
February.....	212	227	315	252	202	193	199	240	261	266	284	374	234
March.....	239	254	352	280	241	210	249	275	287	289	279	365	208
April.....	280	304	378	311	295	239	284	310	327	331	293	389	251
May.....	277	292	373	306	279	231	277	312	328	323	291	376	243
June.....	262	265	330	284	255	228	256	289	283	314	285	368	242
July.....	212	214	308	249	211	158	188	237	254	280	281	377	227
August.....	229	234	333	275	242	174	201	244	280	314	284	360	234
September.....	296	282	405	328	307	247	280	330	335	331	289	367	241
October.....	271	274	414	325	314	247	279	314	331	338	277	376	211
November.....	324	332	442	347	310	298	356	377	378	358	278	367	234
December.....	438	465	662	502	438	409	472	561	504	565	295	382	239
Monthly average.....	271	281	385	309	275	236	271	309	317	332	.....	.....	.....
1950													
January.....	205	215	313	228	188	185	197	217	232	249	282	376	244
February.....	204	217	327	243	210	184	207	234	252	273	280	383	229
March.....	241	256	362	276	229	210	255	282	285	292	274	374	216
April.....	269	290	393	303	278	225	276	313	316	321	292	397	244
May.....	280	296	391	305	273	221	275	316	323	319	290	390	231
June.....	278	281	353	296	272	230	271	307	293	321	298	392	240
July.....	271	284	429	339	276	192	239	285	326	387	362	494	268
August.....	278	290	399	326	287	202	239	288	318	352	335	415	268
September.....	320	337	454	363	320	267	313	356	363	374	320	409	255
October.....	296	317	405	328	319	259	299	333	326	345	291	370	216
November.....	357	313	472	376	338	302	363	387	398	387	290	391	229
December.....	495	538	711	556	476	450	525	584	540	627	325	421	249
Monthly average.....	291	303	417	329	289	244	288	325	331	354	.....	.....	.....

For footnotes giving source of data and description of series, see p. 211.

DOMESTIC TRADE—RETAIL TRADE—Continued

YEAR AND MONTH	DEPARTMENT STORES												MAIL-ORDER AND STORE SALES ³		
	Sales, by Federal Reserve Districts ¹										Stocks, United States, end of month ²		Total, 2 companies	Montgomery Ward & Co.	Sears, Roebuck & Co.
	Adjusted for seasonal variation														
	Chicago	Cleveland	Dallas	Kansas City	Minneapolis	New York	Philadelphia	Richmond	St. Louis	San Francisco	Unadjusted*	Adjusted†			
	1935-39 = 100															Thousands of dollars
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90	.....	59,878	25,418	34,460
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96	.....	74,520	31,073	43,447
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111	.....	83,924	36,106	47,818
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100	.....	80,230	35,824	44,407
1939 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102	.....	95,617	41,384	54,233
1940 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108	.....	106,865	45,208	61,657
1941 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131	.....	135,165	55,493	79,671
1942 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180	.....	132,840	56,351	76,489
1943 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155	.....	125,953	53,204	72,750
1944 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	162	.....	137,861	54,475	83,386
1945 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	166	.....	146,272	58,109	88,162
1946 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	213	.....	224,004	85,132	138,872
1947															
January.....	261	263	364	296	260	228	251	302	278	321	235	263	201,052	67,097	133,955
February.....	269	263	348	305	268	227	246	289	290	326	252	264	186,078	71,483	114,595
March.....	266	270	347	301	269	233	248	297	294	322	265	263	249,263	97,552	151,711
April.....	261	280	377	296	265	235	257	300	306	326	262	257	260,325	99,623	160,701
May.....	273	286	378	300	265	242	259	305	321	328	253	251	275,884	104,322	171,562
June.....	270	284	362	306	274	244	258	302	299	328	237	245	253,091	89,635	163,456
July.....	274	281	378	306	268	244	257	298	320	329	233	241	231,957	84,330	147,627
August.....	270	273	376	302	271	244	257	293	307	339	245	242	254,738	97,334	157,405
September.....	282	290	368	320	282	241	264	301	337	344	257	245	306,643	117,507	189,136
October.....	271	273	360	311	274	232	262	305	308	348	284	257	333,123	127,144	205,979
November.....	294	296	415	339	283	249	279	319	339	359	296	266	355,255	129,206	226,048
December.....	291	292	389	321	283	243	274	315	337	355	244	273	415,686	148,113	267,573
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255	.....	276,924	102,779	174,146
1948															
January.....	290	291	399	323	281	241	272	296	291	353	253	282	230,794	74,116	156,679
February.....	288	291	395	314	279	245	284	316	307	347	279	292	215,575	75,631	139,944
March.....	286	284	403	314	278	237	276	307	318	345	304	299	301,627	107,103	194,524
April.....	289	305	419	334	293	256	279	323	343	358	308	300	319,342	115,382	203,959
May.....	286	307	404	330	288	257	284	318	340	357	297	293	297,939	104,612	193,327
June.....	290	306	401	328	288	260	284	320	346	361	278	287	308,843	105,305	203,538
July.....	297	313	412	330	294	259	289	324	355	365	274	286	284,626	97,833	186,793
August.....	299	308	405	330	290	257	291	327	354	359	287	286	302,716	108,903	193,813
September.....	291	316	418	327	287	252	294	333	362	350	303	291	336,487	119,706	216,782
October.....	298	319	410	334	304	258	302	337	338	344	319	290	353,270	131,302	221,968
November.....	278	293	387	323	286	232	268	312	321	349	330	295	350,748	124,896	225,852
December.....	295	300	396	320	288	246	284	329	338	350	259	288	431,601	150,960	280,641
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	291	.....	311,131	109,646	201,485
1949															
January.....	289	311	388	293	265	244	283	308	290	342	250	279	205,902	66,689	139,213
February.....	272	284	394	311	274	233	265	308	310	314	265	277	196,656	68,316	128,340
March.....	266	279	391	301	267	223	272	295	309	328	287	283	258,692	89,179	169,513
April.....	277	301	374	314	292	244	274	304	321	334	286	278	295,754	101,110	194,644
May.....	275	295	385	309	273	236	271	317	335	341	277	274	292,936	100,334	192,602
June.....	262	281	384	309	266	240	269	313	314	335	256	266	284,289	90,678	193,611
July.....	258	274	384	304	261	226	261	328	325	329	246	257	240,126	77,005	163,121
August.....	276	269	374	299	269	238	268	305	326	333	254	254	280,233	95,517	184,716
September.....	282	279	375	312	276	242	277	308	332	326	275	264	316,387	106,735	209,652
October.....	258	259	387	301	278	227	261	295	309	337	298	271	315,329	112,398	202,931
November.....	262	266	371	299	267	231	267	304	300	320	305	273	327,785	115,727	212,059
December.....	281	283	404	320	293	242	276	323	330	339	244	271	434,472	150,420	284,053
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	270	.....	287,380	97,842	189,538
1950															
January.....	274	290	396	299	246	231	267	299	282	314	244	273	202,617	61,458	141,160
February.....	262	271	409	300	284	222	277	299	300	323	267	279	206,104	63,805	142,299
March.....	265	269	389	297	250	219	262	287	297	322	290	285	268,483	85,638	182,845
April.....	269	299	401	306	278	235	281	323	319	333	294	286	291,580	94,751	196,829
May.....	277	299	403	309	268	226	270	321	330	336	289	285	311,492	97,705	213,787
June.....	278	299	410	322	283	242	285	333	326	342	267	276	317,043	96,389	220,654
July.....	330	364	537	414	342	274	331	394	418	454	258	269	356,756	104,957	251,799
August.....	335	334	449	354	321	277	319	360	370	374	285	284	339,478	112,568	226,910
September.....	305	333	420	345	289	262	310	332	360	368	322	309	357,438	113,430	244,008
October.....	282	299	375	303	283	238	279	312	305	343	362	329	335,351	113,037	222,314
November.....	288	251	400	325	291	234	273	312	316	345	371	332	369,150	123,084	246,066
December.....	318	328	433	354	318	266	307	336	353	377	295	329	499,058	164,190	334,868
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	295	.....	321,212	102,584	218,628

For footnotes giving source of data and description of series, see p. 211.

^{*}Unadjusted for seasonal variation.[†]Adjusted for seasonal variation.

DOMESTIC TRADE—RETAIL TRADE AND WHOLESALE TRADE

YEAR AND MONTH	RETAIL TRADE										WHOLESALE TRADE ²					
	Rural sales of general merchandise ¹										Service and limited-function wholesalers					
	Unadjusted*					Adjusted†					Estimated sales			Estimated inventories, end of year or month		
	Total, United States	East	South	Middle West	Far West	Total, United States	East	South	Middle West	Far West	Total	Durable-goods establishments	Non-durable-goods establishments	Total	Durable-goods establishments	Non-durable-goods establishments
	1935-39=100										Millions of dollars					
1935 monthly average ..	86.1	83.6	84.6	88.9	82.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	99.4	99.4	101.0	98.1	97.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	105.3	107.0	105.3	104.8	106.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	98.8	99.5	97.4	98.5	101.4	.....	.....	.....	.....	.....	.....	.....	.....	2,381	854	1,527
1939 monthly average ..	110.4	110.5	111.7	109.6	111.8	.....	.....	.....	.....	.....	1,970	590	1,380	2,655	948	1,707
1940 monthly average ..	116.6	118.9	116.7	116.0	117.2	.....	.....	.....	.....	.....	2,207	721	1,486	2,807	1,015	1,792
1941 monthly average ..	147.5	157.9	153.7	144.8	138.2	.....	.....	.....	.....	.....	2,804	963	1,841	3,367	1,228	2,139
1942 monthly average ..	164.0	166.6	168.9	157.2	174.6	.....	.....	.....	.....	.....	3,037	828	2,209	3,040	914	2,126
1943 monthly average ..	158.6	150.0	171.9	153.8	165.2	.....	.....	.....	.....	.....	3,146	750	2,396	2,918	844	2,074
1944 monthly average ..	165.7	156.0	189.7	158.6	169.7	.....	.....	.....	.....	.....	3,394	802	2,591	3,114	905	2,209
1945 monthly average ..	172.8	164.0	203.5	161.5	179.6	.....	.....	.....	.....	.....	3,721	870	3,851	3,636	1,123	2,513
1946 monthly average ..	247.6	236.9	292.6	232.0	254.6	.....	.....	.....	.....	.....	5,040	1,350	3,690	5,294	1,910	3,384
1947																
January.....	207.6	210.6	253.2	189.4	203.7	267.2	277.8	306.2	253.2	276.8	5,679	1,625	4,054	5,540	2,009	3,531
February.....	242.1	229.8	312.9	223.4	232.1	266.9	267.8	307.7	251.6	281.0	5,247	1,638	3,609	5,756	2,129	3,627
March.....	286.6	309.4	307.6	274.2	275.7	263.7	279.2	293.8	293.3	277.1	5,543	1,779	3,764	6,120	2,307	3,813
April.....	266.3	267.2	297.7	250.0	264.8	278.3	268.8	324.6	253.3	280.2	5,497	1,859	3,638	6,130	2,419	3,711
May.....	253.3	256.0	278.4	237.8	258.7	282.4	285.1	336.6	267.8	288.7	5,464	1,806	3,658	6,154	2,455	3,699
June.....	249.1	240.1	279.4	238.3	263.8	284.0	276.6	342.0	268.4	291.5	5,335	1,737	3,598	6,284	2,460	3,824
July.....	210.5	192.8	241.4	204.1	227.2	285.6	288.6	345.8	272.9	278.4	5,514	1,676	3,838	6,280	2,445	3,835
August.....	265.5	256.5	293.6	249.1	293.3	289.5	292.5	327.3	268.4	307.1	5,639	1,724	3,915	6,491	2,467	4,024
September.....	325.5	294.3	380.7	304.4	351.6	294.3	283.8	335.1	282.6	310.1	6,259	1,877	4,382	6,624	2,480	4,144
October.....	350.8	343.9	445.3	316.3	351.2	298.3	286.6	363.2	273.4	312.5	7,105	2,114	4,991	6,646	2,451	4,195
November.....	419.6	424.5	529.1	384.6	405.5	323.8	303.9	387.6	292.0	313.4	6,326	1,905	4,421	6,673	2,463	4,210
December.....	404.0	387.6	468.8	370.0	447.0	319.1	289.9	382.4	296.7	325.3	6,472	1,981	4,491	6,667	2,539	4,128
Monthly average.....	290.1	284.4	340.7	270.1	297.9	.....	.....	.....	.....	.....	5,840	1,810	4,030	.....	.....	.....
1948																
January.....	237.0	227.0	308.1	213.1	237.1	305.0	299.5	371.7	285.3	322.1	5,998	1,807	4,191	6,780	2,605	4,175
February.....	259.6	255.4	336.3	237.6	243.4	299.4	297.7	366.3	283.9	325.8	5,496	1,798	3,698	6,794	2,684	4,110
March.....	310.7	320.0	352.6	293.5	300.8	302.5	288.8	360.5	280.6	321.7	6,132	2,083	4,049	6,839	2,780	4,059
April.....	296.6	296.5	340.0	278.4	295.5	309.9	298.3	370.4	285.2	316.0	6,062	2,140	3,922	6,765	2,824	3,941
May.....	278.9	265.1	311.4	263.3	285.3	310.9	295.2	375.6	297.2	318.4	5,736	1,997	3,739	6,748	2,838	3,910
June.....	288.8	276.9	314.9	278.6	314.5	325.6	319.0	384.5	304.1	347.5	5,987	2,066	3,921	6,895	2,874	4,021
July.....	245.2	212.1	271.9	236.3	280.3	322.7	317.5	389.0	316.3	343.5	5,992	1,979	4,013	7,066	2,869	4,197
August.....	305.1	287.8	357.3	283.9	344.1	322.7	328.2	397.9	306.6	352.9	6,316	2,139	4,177	7,244	2,891	4,353
September.....	347.0	318.8	437.9	318.8	375.5	313.7	307.4	384.8	296.3	328.2	6,608	2,210	4,398	7,341	2,949	4,392
October.....	392.7	372.8	489.8	361.7	359.9	328.3	310.7	383.3	307.8	320.2	6,594	2,222	4,372	7,462	2,999	4,463
November.....	414.9	418.8	509.9	383.1	411.1	320.1	299.8	372.7	291.6	317.7	6,449	2,066	4,386	7,537	3,083	4,454
December.....	446.8	422.9	513.8	427.8	517.2	334.4	316.3	386.9	316.0	346.4	6,322	1,997	4,325	7,325	3,124	4,201
Monthly average.....	318.6	306.2	378.7	298.0	330.4	.....	.....	.....	.....	.....	6,141	2,042	4,099	.....	.....	.....
1949																
January.....	239.6	229.3	294.2	221.4	242.6	316.5	302.5	367.8	295.2	329.6	5,472	1,610	3,862	7,412	3,232	4,180
February.....	237.0	218.1	278.4	219.8	233.5	283.2	254.2	302.6	274.8	312.6	5,234	1,615	3,619	7,487	3,342	4,145
March.....	260.5	248.8	290.4	251.1	268.2	261.3	248.8	305.7	264.3	298.0	5,737	1,839	3,898	7,413	3,392	4,021
April.....	278.4	265.7	302.5	264.8	290.0	290.9	267.3	329.5	271.3	310.2	5,236	1,765	3,471	7,217	3,341	3,876
May.....	272.4	264.0	287.7	262.6	283.2	303.7	294.0	347.0	296.4	316.1	5,220	1,754	3,466	6,992	3,222	3,770
June.....	260.1	244.1	273.1	251.5	300.0	293.2	281.2	333.5	274.6	331.5	5,247	1,735	3,512	6,854	3,092	3,762
July.....	209.1	183.1	228.2	202.9	249.9	282.7	274.1	326.5	271.6	306.2	4,856	1,525	3,331	6,839	2,970	3,869
August.....	263.5	235.9	289.4	250.3	305.4	287.4	269.0	322.3	270.3	313.2	5,551	1,737	3,814	6,873	2,848	4,025
September.....	317.3	285.3	354.6	305.1	338.4	286.9	275.1	311.6	283.6	295.8	5,851	1,843	4,008	7,002	2,820	4,182
October.....	318.4	278.7	384.0	297.6	352.1	266.2	232.2	300.5	253.3	313.3	5,769	1,842	3,927	7,007	2,736	4,271
November.....	369.4	371.7	445.2	345.5	363.6	285.0	266.1	325.4	262.9	290.0	5,904	1,762	4,142	7,019	2,733	4,286
December.....	442.1	408.2	484.4	417.1	509.9	312.2	282.5	350.3	281.1	325.2	5,685	1,688	3,997	6,888	2,757	4,131
Monthly average.....	289.0	269.4	326.0	274.1	311.4	.....	.....	.....	.....	.....	5,480	1,726	3,754	.....	.....	.....
1950																
January.....	212.7	191.8	241.6	203.0	231.1	281.0	253.0	302.0	270.7	314.0	5,165	1,457	3,708	6,983	2,849	4,134
February.....	229.0	207.9	270.7	208.4	237.5	273.6	242.3	294.2	260.5	317.9	5,035	1,583	3,452	7,054	2,908	4,146
March.....	258.7	246.5	290.2	247.9	269.2	273.2	246.5	305.5	260.9	299.1	5,715	1,882	3,833	7,216	3,022	4,194
April.....	264.8	249.0	287.0	248.4	290.9	276.7	250.5	312.6	254.5	311.1	5,113	1,816	3,297	7,256	3,094	4,162
May.....	257.6	239.8	273.8	247.5	278.4	287.2	267.0	330.3	279.3	310.7	5,599	2,052	3,547	7,263	3,153	4,110
June.....	271.1	259.6	283.4	261.7	315.9	305.6	299.1	346.0	285.7	349.1	5,743	2,149	3,594	7,208	3,171	4,037
July.....	268.0	231.3	286.3	258.6	335.3	363.6	346.3	409.6	346.2	410.9	6,355	2,415	3,940	6,991	2,990	4,001
August.....	307.2	271.2	327.2	293.4	367.5	335.0	309.2	364.4	316.8	376.9	7,349	2,866	4,483	7,271	2,878	4,393
September.....	334.6	301.0	374.3	310.1	390.3	302.5	290.3	328.9	288.2	341.2	6,899	2,581	4,318	7,500	2,911	4,589
October.....	346.8	319.7	402.0	322.3	388.7	290.0	266.4	314.6	274.3	345.8	7,141	2,703	4,438	7,845	3,060	4,785
November.....	422.9	414.7	494.5	399.9	438.1	326.3	296.9	361.5	304.3	349.4	6,871	2,455	4,416	8,067	3,230	4,837
December.....	517.0	481.3	552.3	489.8	601.6	365.1	333.1	399.3	330.1	383.7	7,038	2,478	4,560	8,229	3,393	4,836
Monthly average.....	307.5	284.5	340.3	290.9	345.4	.....	.....	.....	.....	.....	6,169	2,203	3,966	.....	.....	.....

For footnotes giving source of data and description of series, see pp. 211, 212.

*Unadjusted for seasonal variation.

†Adjusted for seasonal variation.</

EMPLOYMENT AND POPULATION—TOTAL POPULATION AND EMPLOYMENT

YEAR AND MONTH	POPULATION, CONTINENTAL UNITED STATES ¹		EMPLOYMENT STATUS OF NONINSTITUTIONAL POPULATION ²												Not in labor force	
			Estimated number 14 years of age and over													
	Total, including armed forces	Civilian population	Noninstitutional population		Total, including armed forces	Armed forces ⁴	Labor force ³									
			Total	Male			Total	Male	Civilian labor force							Unemployed
									Total	Male	Employed	Agricultural employment	Nonagricultural employment			
Thousands																
1935 monthly average ..	127,250	.....	.....	.....	53,140	270	52,870	.....	42,260	.....	10,110	32,150	10,610	.....		
1936 monthly average ..	128,053	.....	.....	.....	53,740	300	53,440	.....	44,410	.....	10,000	34,410	9,030	.....		
1937 monthly average ..	128,825	.....	.....	.....	54,320	320	54,000	.....	46,300	.....	9,820	36,480	7,700	.....		
1938 monthly average ..	129,825	.....	.....	.....	54,950	340	54,610	.....	44,220	.....	9,690	34,530	10,390	.....		
1939 monthly average ..	130,880	.....	.....	.....	55,600	370	55,230	.....	45,750	.....	9,610	36,140	9,480	.....		
1940 monthly average ..	132,114	131,642	100,230	49,930	56,030	390	55,640	41,480	47,520	35,550	9,540	37,980	8,120	44,200		
1941 monthly average ..	133,377	131,556	101,370	50,420	57,380	1,470	55,910	41,270	50,350	37,350	9,100	41,250	5,560	43,990		
1942 monthly average ..	134,831	130,854	102,460	50,910	60,230	3,820	56,410	40,300	53,750	38,580	9,250	44,500	2,660	42,230		
1943 monthly average ..	136,719	127,415	103,510	51,390	64,410	8,870	55,540	36,840	54,470	36,270	9,080	45,390	1,070	39,100		
1944 monthly average ..	138,390	126,606	104,480	51,830	65,890	11,260	54,630	35,460	53,960	35,110	8,950	45,010	670	38,590		
1945 monthly average ..	139,934	127,571	105,370	52,120	65,140	11,280	53,860	34,830	52,820	34,210	8,580	44,240	1,040	40,230		
1946 monthly average ..	141,398	138,394	106,370	52,540	60,820	3,300	57,520	40,740	55,250	38,940	8,320	46,930	2,270	45,550		
1947																
January.....	142,828	140,968	106,970	52,790	59,510	1,720	57,790	41,860	55,390	39,910	6,500	48,890	2,400	47,460		
February.....	.....	.....	107,060	52,830	59,630	1,620	58,010	42,100	55,520	40,090	6,920	48,600	2,490	47,430		
March.....	.....	.....	107,190	52,820	59,960	1,570	58,390	42,440	56,060	40,590	7,240	48,820	2,330	47,230		
April.....	.....	.....	107,260	52,840	60,650	1,530	59,120	42,800	56,700	40,900	7,860	48,840	2,420	46,610		
May.....	.....	.....	107,330	52,870	61,760	1,470	60,290	43,170	58,330	41,750	8,960	49,370	1,960	45,570		
June.....	.....	.....	107,407	52,901	64,007	1,398	62,609	44,460	60,055	42,753	10,377	49,678	2,555	43,399		
July.....	144,129	142,595	107,504	52,943	64,035	1,371	62,664	44,861	60,079	43,071	10,066	50,013	2,584	43,469		
August.....	.....	.....	107,590	52,978	63,017	1,352	61,665	44,540	59,569	43,022	8,975	50,594	2,096	44,573		
September.....	.....	.....	107,675	53,014	62,130	1,346	60,784	43,551	58,872	42,158	8,727	50,145	1,912	45,544		
October.....	.....	.....	107,755	53,045	62,219	1,327	60,892	43,443	59,204	42,260	8,622	50,583	1,687	45,535		
November.....	.....	.....	107,839	53,080	61,510	1,294	60,216	43,148	58,595	41,972	7,985	50,609	1,621	46,330		
December.....	.....	.....	107,918	53,113	60,870	1,280	59,590	42,892	57,947	41,653	6,962	50,985	1,643	47,047		
Monthly average.....	.....	.....	107,458	52,935	61,608	1,440	60,168	43,272	58,027	41,677	8,266	49,761	2,142	45,850		
1948																
January.....	145,468	144,058	107,979	53,135	60,455	1,241	59,214	42,846	57,149	41,273	7,060	50,089	2,065	47,524		
February.....	.....	.....	108,050	53,161	61,004	1,226	59,778	43,026	57,139	41,137	6,771	50,368	2,639	47,046		
March.....	.....	.....	108,124	53,190	61,005	1,236	59,769	43,009	57,329	41,244	6,847	50,482	2,440	47,119		
April.....	.....	.....	108,173	53,204	61,760	1,236	60,524	43,369	58,330	41,801	7,448	50,883	2,193	46,414		
May.....	.....	.....	108,262	53,241	61,660	1,238	60,422	43,298	58,660	42,058	7,861	50,800	1,761	46,602		
June.....	.....	.....	108,346	53,275	64,740	1,261	63,479	44,794	61,296	43,420	9,396	51,899	2,184	43,605		
July.....	146,621	145,171	108,597	53,436	65,135	1,293	63,842	45,437	61,615	43,989	9,163	52,452	2,227	43,462		
August.....	.....	.....	108,660	53,461	64,511	1,325	63,186	45,215	61,245	43,889	8,444	52,801	1,941	44,149		
September.....	.....	.....	108,753	53,501	63,578	1,366	62,212	44,101	60,312	42,850	8,723	51,590	1,899	45,176		
October.....	.....	.....	108,853	53,546	63,166	1,391	61,775	43,851	60,134	42,763	8,627	51,506	1,642	45,685		
November.....	.....	.....	108,948	53,587	63,138	1,414	61,724	43,782	59,893	42,551	7,961	51,932	1,831	45,810		
December.....	.....	.....	109,036	53,624	62,828	1,453	61,375	43,573	59,434	42,162	7,375	52,059	1,941	46,208		
Monthly average.....	.....	.....	108,482	53,363	62,748	1,306	61,442	43,858	59,378	42,428	7,973	51,405	2,064	45,733		
1949																
January.....	147,975	146,330	109,117	53,658	61,546	1,468	60,078	43,161	57,414	41,150	6,763	50,651	2,664	47,571		
February.....	.....	.....	109,195	53,689	61,896	1,508	60,388	43,225	57,168	40,812	6,993	50,174	3,221	47,298		
March.....	.....	.....	109,290	53,730	62,305	1,491	60,814	43,525	57,647	41,092	7,393	50,254	3,167	46,985		
April.....	.....	.....	109,373	53,764	62,327	1,492	60,835	43,668	57,819	41,463	7,820	49,999	3,016	47,046		
May.....	.....	.....	109,458	53,799	63,452	1,469	61,983	43,886	58,694	41,521	8,974	49,720	3,289	46,006		
June.....	.....	.....	109,547	53,837	64,866	1,468	63,398	44,832	59,619	42,233	9,696	49,924	3,778	44,683		
July.....	149,149	147,512	109,664	53,898	65,278	1,463	63,815	45,267	59,720	42,422	9,647	50,073	4,095	44,385		
August.....	.....	.....	109,760	53,939	65,105	1,468	63,637	45,163	59,947	42,644	8,507	51,441	3,689	44,655		
September.....	.....	.....	109,860	53,984	64,222	1,459	62,763	44,319	59,411	42,850	8,158	51,254	3,351	45,638		
October.....	.....	.....	109,975	54,036	64,021	1,445	62,576	43,988	59,001	41,426	7,710	51,290	3,576	45,953		
November.....	.....	.....	110,063	54,075	64,363	1,436	62,927	44,099	59,518	41,783	7,878	51,640	3,409	45,701		
December.....	.....	.....	110,169	54,121	63,475	1,430	62,045	43,765	58,556	41,293	6,773	51,783	3,489	46,694		
Monthly average.....	.....	.....	109,623	53,878	63,571	1,466	62,105	44,075	58,710	41,660	8,026	50,684	3,395	46,051		
1950																
January.....	150,563	148,991	110,256	54,160	62,835	1,408	61,427	43,715	56,947	40,453	6,198	50,749	4,480	47,420		
February.....	.....	.....	110,344	54,196	63,003	1,366	61,637	43,769	56,953	40,343	6,223	50,730	4,684	47,342		
March.....	.....	.....	110,442	54,238	63,021	1,346	61,675	43,879	57,551	40,877	6,675	50,877	4,123	47,422		
April.....	151,132	149,634	110,536	54,279	63,513	1,330	62,183	44,120	58,668	41,492	7,195	51,473	3,515	47,024		
May.....	151,298	149,800	110,608	54,308	64,108	1,320	62,788	44,316	59,731	42,186	8,062	51,669	3,057	46,500		
June.....	151,483	150,001	110,703	54,350	66,177	1,311	64,866	45,429	61,482	43,229	9,046	52,436	3,384	44,526		
July.....	151,689	150,208	110,806	54,395	65,742	1,315	64,427	45,708	61,214	43,582	8,440	52,774	3,213	45,064		
August.....	151,939	150,420	110,924	54,427	66,204	1,337	64,867	45,818	62,367	44,154	8,160	54,207	2,500	44,718		
September.....	152,196	150,547	111,030	54,473	65,020	1,453	63,567	44,726	61,226	43,244	7,811	53,415	2,341	46,010		
October.....	152,438	150,524	111,141	54,522	65,438	1,734	63,704	44,268	61,764	43,096	8,491	53,273	1,940	45,704		
November.....	152,668	150,536	111,234	54,558	65,453	1,941	63,512	44,019	61,271	42,710	7,551	53,721	2,240	45,782		
December.....	152,879	150,563	111,329	54,600	64,674	2,136	62,538	43,535	60,308	42,076	6,234	54,075	2,229	46,657		
Monthly average.....	.....	.....	110,779	54,376	64,599	1,500	63,099	44,692	59,957	42,287	7,507	52,450	3,142	46,181		

For footnotes giving source of data and description of series, see pp. 212, 213.

EMPLOYMENT AND POPULATION—EMPLOYMENT—Continued

YEAR AND MONTH	EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS ¹													
	Unadjusted for seasonal variation (U. S. Department of Labor)													
	Total	Manufacturing ²			Mining ³						Contract construction ⁴	Transportation and public utilities ⁵		
		Total	Durable-goods industries	Nondurable-goods industries	Total	Metal	Anthracite	Bituminous coal	Crude petroleum and natural gas production	Non-metallic mining and quarrying		Total	Inter-state railroads	Local railroads and bus lines
Thousands														
1935 monthly average ..	26,792	8,907	.....	.....	888	.....	.....	.....	.....	.....	912	2,771	.....	.....
1936 monthly average ..	28,802	9,653	.....	.....	937	.....	.....	.....	.....	.....	1,145	2,956	.....	.....
1937 monthly average ..	30,718	10,606	.....	.....	1,006	.....	.....	.....	.....	.....	1,112	3,114	.....	.....
1938 monthly average ..	28,902	9,253	.....	.....	882	.....	.....	.....	.....	.....	1,055	2,840	.....	.....
1939 monthly average ..	30,287	10,078	4,683	5,394	845	103	89	388	189	76	1,150	2,912	.....	.....
1940 monthly average ..	32,031	10,780	5,337	5,443	916	115	92	435	194	81	1,294	3,013	.....	.....
1941 monthly average ..	36,164	12,974	6,945	6,028	947	128	92	431	201	94	1,790	3,248	.....	.....
1942 monthly average ..	39,697	15,051	8,804	6,247	983	132	89	475	187	100	2,170	3,433	.....	.....
1943 monthly average ..	42,042	17,381	11,077	6,304	917	126	83	437	181	90	1,567	3,619	.....	.....
1944 monthly average ..	41,480	17,111	10,858	6,253	883	106	81	419	198	80	1,094	3,798	.....	.....
1945 monthly average ..	40,069	15,302	9,079	6,222	826	89	73	384	206	75	1,132	3,872	.....	.....
1946 monthly average ..	41,412	14,461	7,739	6,722	852	88	82	373	220	90	1,661	4,023	.....	.....
1947														
January.....	42,504	15,244	8,410	6,834	923	100	81	429	225	88	1,702	4,061	1,540	193
February.....	42,504	15,302	8,472	6,830	925	101	81	429	225	90	1,681	4,060	1,530	193
March.....	42,778	15,301	8,496	6,805	926	103	80	426	226	92	1,727	4,085	1,532	193
April.....	42,754	15,180	8,460	6,720	906	104	78	401	228	96	1,842	3,957	1,551	193
May.....	42,841	14,973	8,337	6,636	935	103	79	421	233	99	1,936	4,051	1,569	193
June.....	43,254	15,029	8,373	6,656	950	104	79	427	239	101	2,084	4,176	1,579	193
July.....	43,073	14,887	8,143	6,744	924	103	77	397	245	102	2,129	4,187	1,585	193
August.....	43,513	15,230	8,228	7,002	961	104	80	428	246	103	2,193	4,207	1,584	193
September.....	43,982	15,429	8,315	7,114	960	103	79	430	245	103	2,193	4,185	1,567	185
October.....	44,133	15,439	8,367	7,072	964	103	80	435	245	102	2,166	4,163	1,558	164
November.....	44,203	15,446	8,409	7,037	969	104	80	439	245	101	2,102	4,154	1,541	164
December.....	44,911	15,502	8,461	7,041	976	104	80	446	246	99	2,031	4,179	1,544	164
Monthly average.....	43,371	15,247	8,373	6,874	943	103	79	426	237	98	1,982	4,122	1,557	185
1948														
January.....	43,639	15,406	8,429	6,977	974	105	80	448	246	95	1,929	4,094	1,512	165
February.....	43,350	15,345	8,367	6,978	966	105	80	442	246	93	1,792	4,113	1,505	164
March.....	43,632	15,369	8,414	6,955	980	106	80	449	249	97	1,877	4,117	1,509	164
April.....	43,352	15,028	8,292	6,736	870	107	80	333	250	100	2,019	4,054	1,448	164
May.....	43,704	14,947	8,221	6,726	989	106	79	448	255	101	2,153	4,127	1,509	164
June.....	44,119	15,107	8,196	6,911	1,005	107	82	453	260	103	2,289	4,181	1,540	164
July.....	44,164	15,155	8,232	6,923	974	106	79	421	265	103	2,348	4,212	1,549	163
August.....	44,494	15,400	8,271	7,129	1,006	102	81	453	266	104	2,384	4,213	1,543	164
September.....	44,946	15,617	8,360	7,257	1,007	103	81	454	265	104	2,369	4,189	1,539	163
October.....	44,915	15,514	8,393	7,121	1,000	106	79	451	262	102	2,334	4,188	1,534	162
November.....	44,815	15,368	8,352	7,016	999	103	80	452	263	101	2,287	4,166	1,517	162
December.....	45,282	15,174	8,258	6,916	1,002	105	80	455	264	99	2,200	4,158	1,504	162
Monthly average.....	44,201	15,286	8,315	6,970	981	105	80	438	258	100	2,165	4,151	1,517	163
1949														
January.....	43,449	14,782	8,044	6,738	991	104	81	451	260	94	2,016	4,054	1,440	161
February.....	43,061	14,649	7,923	6,726	986	108	80	448	258	93	1,926	4,024	1,414	161
March.....	42,918	14,475	7,819	6,656	981	109	79	441	257	95	1,947	3,975	1,370	160
April.....	42,966	14,177	7,656	6,521	984	110	78	440	259	97	2,036	3,991	1,387	161
May.....	42,731	13,877	7,441	6,436	974	108	77	432	260	98	2,137	4,021	1,416	159
June.....	42,835	13,884	7,392	6,492	968	107	77	425	262	98	2,205	4,031	1,410	159
July.....	42,573	13,757	7,255	6,502	943	101	76	404	264	99	2,277	4,007	1,381	158
August.....	42,994	14,114	7,302	6,812	956	100	76	418	263	99	2,340	3,992	1,375	157
September.....	43,466	14,312	7,409	6,903	948	98	76	415	261	99	2,341	3,959	1,339	157
October.....	42,601	13,892	6,986	6,906	593	70	76	94	256	96	2,313	3,871	1,257	156
November.....	42,784	13,807	7,050	6,757	917	89	77	401	255	96	2,244	3,892	1,281	155
December.....	43,694	14,031	7,303	6,728	940	97	76	420	253	94	2,088	3,930	1,333	154
Monthly average.....	43,006	14,146	7,465	6,681	932	100	77	399	259	96	2,156	3,979	1,367	158
1950														
January.....	42,125	13,980	7,342	6,638	861	98	76	348	251	89	1,919	3,869	1,316	153
February.....	41,661	13,997	7,324	6,673	595	98	76	83	250	89	1,861	3,841	1,290	152
March.....	42,295	14,103	7,418	6,685	938	98	77	423	249	90	1,907	3,873	1,315	151
April.....	42,926	14,162	7,548	6,614	939	99	75	419	251	95	2,076	3,928	1,356	150
May.....	43,311	14,413	7,809	6,604	940	100	76	413	254	97	2,245	3,885	1,296	149
June.....	43,945	14,666	7,964	6,702	946	102	75	410	259	100	2,414	4,023	1,407	147
July.....	44,096	14,777	7,978	6,799	922	103	74	382	262	101	2,532	4,062	1,414	148
August.....	45,080	15,450	8,294	7,156	950	103	75	408	261	103	2,629	4,120	1,441	146
September.....	45,684	15,685	8,423	7,262	946	103	75	407	259	103	2,626	4,139	1,458	146
October.....	45,898	15,827	8,618	7,209	939	102	74	406	256	102	2,631	4,132	1,462	145
November.....	45,873	15,765	8,664	7,101	938	103	74	404	255	102	2,571	4,123	1,465	145
December.....	46,595	15,789	8,717	7,072	937	104	73	405	257	98	2,403	4,125	1,460	145
Monthly average.....	44,124	14,884	8,008	6,876	904	101	75	376	255	97	2,318	4,010	1,390	148

For footnotes giving source of data and description of series, see pp. 213, 214.

EMPLOYMENT AND POPULATION—EMPLOYMENT—Continued

YEAR AND MONTH	EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS ¹															
	Unadjusted for seasonal variation (U.S. Department of Labor)															
	Transportation and public utilities ²			Trade ³						Finance ⁵	Service ⁶			Government ⁷		
	Tele- phone	Tele- graph	Gas and electric utilities	Total ⁴	Whole- sale	Retail			Total ⁴		Hotels and lodging places	Laun- dries	Cleaning and dyeing plants			
						Total	General mer- chan- dise stores	Food and liquor stores							Auto- mobile and accessories dealers	
Thousands																
1935 monthly average ..				5,692						1,262	2,883					3,477
1936 monthly average ..				6,076						1,313	3,060					3,662
1937 monthly average ..	326			6,543						1,355	3,233					3,749
1938 monthly average ..	318			6,453						1,347	3,196					3,876
1939 monthly average ..	318			6,612						1,382	3,321					3,987
1940 monthly average ..	327			6,940						1,419	3,477					4,192
1941 monthly average ..	363			7,416						1,462	3,705					4,622
1942 monthly average ..	390			7,333						1,440	3,857					5,431
1943 monthly average ..	402			7,189						1,401	3,919					6,049
1944 monthly average ..	407			7,260						1,374	3,934					6,026
1945 monthly average ..	419			7,522						1,394	4,055					5,967
1946 monthly average ..	543			8,602						1,586	4,621					5,607
1947																
January.....	583	64	448	8,898	2,373	6,525	1,328	1,101	555	1,599	4,622	468	362	146	5,455	
February.....	589	63	450	8,844	2,366	6,478	1,279	1,124	554	1,599	4,630	470	359	147	5,463	
March.....	595	63	454	8,949	2,362	6,587	1,317	1,142	556	1,607	4,680	473	358	150	5,503	
April.....	443	65	458	8,992	2,343	6,649	1,327	1,152	560	1,626	4,747	481	360	154	5,504	
May.....	507	64	463	9,003	2,328	6,675	1,317	1,161	566	1,632	4,801	495	365	157	5,510	
June.....	599	64	471	9,057	2,356	6,701	1,309	1,165	570	1,646	4,858	527	373	162	5,454	
July.....	606	64	480	9,054	2,384	6,670	1,273	1,162	589	1,669	4,882	560	375	158	5,341	
August.....	608	63	484	9,064	2,418	6,646	1,266	1,154	594	1,671	4,869	555	369	153	5,318	
September.....	606	63	482	9,272	2,466	6,806	1,354	1,169	594	1,655	4,885	511	368	155	5,403	
October.....	608	62	480	9,472	2,497	6,975	1,446	1,191	601	1,659	4,858	477	365	157	5,412	
November.....	613	62	482	9,651	2,516	7,135	1,567	1,198	611	1,661	4,824	471	362	155	5,396	
December.....	617	62	483	10,092	2,514	7,578	1,887	1,209	623	1,667	4,780	471	361	151	5,684	
Monthly average.....	581	63	470	9,196	2,410	6,785	1,389	1,161	581	1,641	4,786	497	365	154	5,454	
1948																
January.....	617	62	482	9,325	2,502	6,823	1,411	1,182	611	1,674	4,746	458	358	148	5,491	
February.....	621	63	484	9,239	2,501	6,738	1,357	1,193	610	1,683	4,728	457	350	144	5,484	
March.....	625	63	486	9,312	2,491	6,821	1,407	1,198	613	1,696	4,742	459	352	149	5,539	
April.....	626	63	489	9,301	2,475	6,826	1,383	1,202	621	1,708	4,789	467	355	153	5,583	
May.....	629	62	492	9,340	2,474	6,866	1,393	1,208	622	1,717	4,816	476	356	155	5,615	
June.....	633	62	500	9,389	2,493	6,896	1,389	1,206	630	1,736	4,848	502	362	156	5,564	
July.....	643	62	507	9,363	2,518	6,845	1,357	1,192	640	1,742	4,866	527	367	154	5,504	
August.....	647	60	509	9,366	2,557	6,809	1,354	1,181	644	1,742	4,850	520	362	149	5,533	
September.....	643	59	506	9,522	2,581	6,941	1,432	1,181	646	1,725	4,849	489	358	148	5,668	
October.....	640	59	502	9,654	2,601	7,053	1,523	1,196	648	1,720	4,811	464	355	150	5,694	
November.....	643	58	503	9,807	2,612	7,195	1,647	1,197	654	1,721	4,782	458	351	147	5,685	
December.....	644	58	505	10,273	2,595	7,678	1,990	1,208	668	1,724	4,757	461	350	145	5,994	
Monthly average.....	634	61	497	9,491	2,533	6,958	1,470	1,195	634	1,716	4,799	478	356	150	5,613	
1949																
January.....	641	57	503	9,388	2,559	6,829	1,423	1,186	653	1,731	4,723	447	351	144	5,764	
February.....	644	56	504	9,292	2,541	6,751	1,386	1,184	647	1,735	4,712	447	346	142	5,737	
March.....	644	55	505	9,310	2,523	6,787	1,411	1,193	648	1,749	4,720	445	346	144	5,761	
April.....	641	55	507	9,478	2,504	6,974	1,515	1,204	658	1,757	4,768	451	347	150	5,775	
May.....	639	55	509	9,342	2,482	6,860	1,434	1,203	661	1,763	4,804	464	353	153	5,813	
June.....	637	53	515	9,336	2,491	6,845	1,401	1,208	670	1,774	4,834	487	361	154	5,803	
July.....	638	52	520	9,220	2,472	6,748	1,356	1,201	679	1,780	4,851	511	364	151	5,738	
August.....	633	52	521	9,213	2,515	6,698	1,337	1,181	688	1,780	4,836	504	358	144	5,763	
September.....	625	50	519	9,409	2,538	6,871	1,432	1,192	692	1,771	4,833	475	356	147	5,893	
October.....	619	49	514	9,505	2,554	6,951	1,489	1,200	696	1,767	4,794	451	351	147	5,866	
November.....	616	48	514	9,607	2,538	7,069	1,590	1,208	704	1,766	4,768	444	348	145	5,783	
December.....	612	48	513	10,156	2,542	7,614	1,987	1,217	717	1,770	4,738	443	347	143	6,041	
Monthly average.....	632	53	512	9,438	2,522	6,916	1,480	1,198	676	1,763	4,782	464	352	147	5,811	
1950																
January.....	609	47	512	9,246	2,511	6,735	1,392	1,187	701	1,772	4,701	428	347	141	5,777	
February.....	607	46	511	9,152	2,495	6,657	1,360	1,185	700	1,777	4,696	430	345	140	5,742	
March.....	607	46	512	9,206	2,484	6,722	1,392	1,192	699	1,791	4,708	431	346	141	5,769	
April.....	609	47	513	9,346	2,477	6,869	1,466	1,200	706	1,803	4,757	441	347	146	5,915	
May.....	611	47	516	9,326	2,479	6,847	1,412	1,204	714	1,812	4,790	451	354	150	5,900	
June.....	615	47	522	9,411	2,502	6,909	1,411	1,205	733	1,827	4,826	482	362	156	5,832	
July.....	620	47	530	9,390	2,528	6,862	1,372	1,203	746	1,831	4,841	515	363	152	5,741	
August.....	623	47	532	9,474	2,582	6,892	1,387	1,200	749	1,837	4,827	512	359	147	5,793	
September.....	622	48	530	9,641	2,605	7,036	1,474	1,210	743	1,827	4,816	475	358	150	6,004	
October.....	621	48	525	9,752	2,625	7,127	1,539	1,219	741	1,821	4,757	441	356	151	6,039	
November.....	615	48	524	9,896	2,618	7,278	1,654	1,242	746	1,820	4,723	433	353	149	6,037	
December.....	620	49	522	10,443	2,616	7,827	2,052	1,264	753	1,828	4,694	430	353	147	6,376	
Monthly average.....	615	47	521	9,524	2,544	6,980	1,493	1,209	728	1,812	4,761	456	354	148	5,910	

For footnotes giving source of data and description of series, see p. 214.

EMPLOYMENT AND POPULATION—EMPLOYMENT—Continued

YEAR AND MONTH	EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS									PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES (U.S. DEPARTMENT OF LABOR) ²					
	Adjusted for seasonal variation (Federal Reserve) ¹									Durable-goods industries					
	Total	Manu- fac- tur- ing	Mining	Con- tract con- struc- tion	Trans- porta- tion and public utili- ties	Trade ²	Finance	Serv- ice ²	Govern- ment	Manu- fac- tur- ing	Total	Ord- nance	Lumber and wood products (except furniture)		Furniture and fixtures
													Total ⁴	Sawmills and planing mills	
Thousands															
1935 monthly average ..	26,792	8,907	888	912	2,771	5,692	1,262	2,883	3,477	7,269	3,094	.....	.....	.....	.....
1936 monthly average ..	28,802	9,653	937	1,145	2,956	6,076	1,313	3,060	3,662	7,900	3,530	.....	.....	.....	.....
1937 monthly average ..	30,718	10,606	1,006	1,112	3,114	6,543	1,355	3,233	3,749	8,666	4,069	.....	.....	.....	.....
1938 monthly average ..	28,902	9,253	882	1,055	2,840	6,453	1,347	3,196	3,876	7,372	3,133	.....	.....	.....	.....
1939 monthly average ..	30,287	10,078	845	1,150	2,912	6,612	1,382	3,321	3,987	8,192	3,868	9	4726	.....	(u)
1940 monthly average ..	32,031	10,780	916	1,294	3,013	6,940	1,419	3,477	4,192	8,811	4,454	18	4764	.....	(u)
1941 monthly average ..	36,164	12,974	947	1,790	3,248	7,416	1,462	3,705	4,622	10,877	5,928	58	4908	.....	(u)
1942 monthly average ..	39,697	15,051	983	2,170	3,433	7,333	1,440	3,857	5,431	12,854	7,585	284	4940	.....	(u)
1943 monthly average ..	42,042	17,381	917	1,567	3,619	7,189	1,401	3,919	6,049	15,014	9,565	427	4917	.....	(u)
1944 monthly average ..	41,480	17,111	883	1,094	3,798	7,260	1,374	3,934	6,026	14,607	9,217	320	4880	.....	(u)
1945 monthly average ..	40,069	15,302	826	1,132	3,872	7,522	1,394	4,055	5,967	12,864	7,554	209	4842	.....	(u)
1946 monthly average ..	41,412	14,461	852	1,661	4,023	8,602	1,586	4,621	5,607	12,105	6,404	24	4982	.....	(u)
1947															
January.....	42,977	15,294	929	1,870	4,096	9,019	1,607	4,692	5,470	12,815	7,057	22	765	447	293
February.....	43,088	15,316	933	1,889	4,095	9,044	1,607	4,701	5,503	12,870	7,116	22	765	445	301
March.....	43,187	15,333	932	1,898	4,120	9,055	1,607	4,727	5,515	12,867	7,134	23	773	449	299
April.....	43,050	15,307	909	1,919	3,977	9,068	1,618	4,747	5,505	12,748	7,102	23	780	455	294
May.....	43,103	15,182	936	1,917	4,053	9,130	1,624	4,777	5,484	12,539	6,981	23	794	466	291
June.....	43,333	15,171	946	1,985	4,146	9,173	1,630	4,810	5,472	12,574	7,006	23	792	465	291
July.....	43,240	15,079	918	1,990	4,145	9,214	1,644	4,810	5,440	12,429	6,781	23	775	456	283
August.....	43,362	15,111	953	2,031	4,159	9,234	1,654	4,821	5,399	12,768	6,864	19	786	464	295
September.....	43,517	15,181	955	2,050	4,164	9,282	1,663	4,837	5,385	12,957	6,947	23	783	463	302
October.....	43,686	15,234	962	2,063	4,169	9,354	1,676	4,834	5,394	12,966	7,000	23	784	462	310
November.....	43,811	15,318	968	2,061	4,157	9,349	1,678	4,848	5,432	12,968	7,040	23	770	452	317
December.....	44,003	15,406	976	2,072	4,179	9,398	1,684	4,828	5,460	13,024	7,090	23	761	443	321
Monthly average.....	43,371	15,247	943	1,982	4,122	9,196	1,641	4,786	5,454	12,794	7,010	23	777	455	300
1948															
January.....	44,152	15,472	980	2,120	4,129	9,452	1,682	4,818	5,499	12,893	7,046	24	745	435	323
February.....	43,969	15,374	975	2,013	4,149	9,447	1,691	4,800	5,520	12,802	6,961	24	735	426	323
March.....	43,998	15,404	987	2,063	4,152	9,359	1,696	4,790	5,547	12,824	7,061	24	738	433	318
April.....	43,734	15,170	873	2,103	4,074	9,443	1,700	4,789	5,582	12,476	6,885	24	730	429	308
May.....	43,981	15,171	990	2,132	4,130	9,472	1,708	4,792	5,586	12,394	6,820	24	730	429	298
June.....	44,195	15,250	1,001	2,180	4,152	9,510	1,719	4,800	5,583	12,559	6,810	24	748	438	296
July.....	44,335	15,358	967	2,194	4,171	9,528	1,716	4,794	5,607	12,571	6,818	24	779	464	291
August.....	44,365	15,309	998	2,207	4,166	9,541	1,725	4,802	5,617	12,804	6,856	24	790	470	298
September.....	44,416	15,317	1,002	2,214	4,168	9,531	1,734	4,801	5,649	13,017	6,940	24	782	465	304
October.....	44,437	15,289	998	2,223	4,195	9,533	1,737	4,787	5,675	12,913	6,969	24	769	452	307
November.....	44,453	15,243	998	2,242	4,170	9,533	1,738	4,806	5,723	12,775	6,942	24	754	443	305
December.....	44,328	15,083	1,003	2,245	4,158	9,537	1,741	4,805	5,756	12,578	6,845	24	720	420	297
Monthly average.....	44,201	15,286	981	2,165	4,151	9,491	1,716	4,799	5,613	12,717	6,909	24	752	442	306
1949															
January.....	43,968	14,844	997	2,215	4,090	9,514	1,740	4,795	5,773	12,201	6,640	24	667	387	284
February.....	43,695	14,673	995	2,164	4,059	9,501	1,744	4,784	5,775	12,074	6,523	23	655	380	278
March.....	43,426	14,506	987	2,140	4,008	9,497	1,749	4,768	5,771	11,904	6,417	23	659	385	274
April.....	43,206	14,318	987	2,121	4,008	9,481	1,748	4,768	5,775	11,616	6,262	23	659	389	268
May.....	42,997	14,089	975	2,116	4,024	9,475	1,754	4,780	5,784	11,324	6,057	21	672	399	259
June.....	42,906	14,017	965	2,100	4,003	9,456	1,756	4,786	5,823	11,337	6,022	21	686	410	257
July.....	42,728	13,934	936	2,128	3,968	9,383	1,754	4,779	5,846	11,211	5,894	19	676	407	253
August.....	42,808	13,958	949	2,167	3,947	9,385	1,762	4,788	5,852	11,561	5,947	18	686	414	263
September.....	43,014	14,088	943	2,188	3,939	9,419	1,780	4,785	5,872	11,775	6,060	18	684	416	277
October.....	42,135	13,678	591	2,203	3,877	9,386	1,785	4,770	5,845	11,368	5,651	18	689	414	284
November.....	42,431	13,684	917	2,200	3,895	9,339	1,784	4,792	5,820	11,289	5,719	17	692	413	283
December.....	42,758	13,946	940	2,131	3,930	9,426	1,788	4,786	5,811	11,504	5,961	17	682	404	289
Monthly average.....	43,006	14,146	932	2,156	3,977	9,438	1,763	4,782	5,811	11,597	6,096	20	676	401	272
1950															
January.....	42,627	14,040	867	2,109	3,902	9,371	1,781	4,773	5,784	11,449	6,000	17	642	381	289
February.....	42,283	14,023	604	2,091	3,874	9,358	1,786	4,768	5,779	11,460	5,982	17	652	386	297
March.....	42,752	14,135	944	2,096	3,906	9,348	1,791	4,756	5,776	11,549	6,070	18	677	399	301
April.....	43,212	14,302	942	2,163	3,948	9,391	1,794	4,757	5,915	11,597	6,195	18	692	410	303
May.....	43,578	14,629	941	2,223	3,888	9,459	1,803	4,766	5,869	11,841	6,456	19	723	430	302
June.....	44,010	14,802	943	2,299	3,995	9,532	1,809	4,778	5,852	12,066	6,596	19	741	437	303
July.....	44,259	14,977	915	2,366	4,021	9,556	1,804	4,769	5,851	12,151	6,597	19	750	444	303
August.....	44,914	15,333	942	2,434	4,073	9,651	1,819	4,779	5,883	12,802	6,900	20	783	465	319
September.....	45,196	15,444	942	2,454	4,119	9,650	1,836	4,768	5,983	13,016	7,013	22	790	468	327
October.....	45,408	15,606	937	2,506	4,138	9,630	1,839	4,733	6,019	13,133	7,186	22	785	462	329
November.....	45,501	15,635	937	2,521	4,126	9,620	1,838	4,747	6,077	13,044	7,210	23	773	452	327
December.....	45,605	15,692	938	2,452	4,125	9,692	1,846	4,741	6,119	13,056	7,254	24	754	440	326
Monthly average.....	44,124	14,031	940	2,088	3,930	9,524	1,770	4,738	6,041	12,264	6,622	20	730	431	311

For footnotes giving source of data and description of series, see p. 215.

EMPLOYMENT AND POPULATION—EMPLOYMENT—Continued

YEAR AND MONTH	PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES (U. S. DEPARTMENT OF LABOR) ¹																
	Durable-goods industries																
	Stone, clay, and glass products		Primary metal industries			Fabricated metal products (except ordnance, machinery, transportation equipment)		Machinery (except electrical) ³	Electrical machinery ³	Transportation equipment					Instruments and related products ⁴	Miscellaneous manufacturing industries ⁵	
	Total	Glass and glass products	Total ²	Blast furnaces, steel works, and rolling mills ³	Primary smelting and refining of non-ferrous metals	Total ²	Heating apparatus (except electrical) and plumbers' supplies			Total ³	Automobiles	Aircraft and parts ³	Ship and boat building and repairing ³	Railroad equipment			
Thousands																	
1935 monthly average ..	237	.....	.....	.....	.....	.....	.....	450	221	500	408	.....	45	.....	.....	.....	.....
1936 monthly average ..	272	.....	.....	.....	.....	.....	.....	525	251	552	430	.....	57	.....	.....	.....	.....
1937 monthly average ..	306	.....	.....	.....	.....	.....	.....	631	301	655	505	.....	62	.....	.....	.....	.....
1938 monthly average ..	260	.....	.....	.....	.....	.....	.....	485	219	422	306	.....	55	.....	.....	.....	.....
1939 monthly average ..	294	.....	21,171	388	.....	(2)	.....	505	287	350	402	49	69	.....	325	(4)	.....
1940 monthly average ..	309	.....	21,345	451	.....	(2)	.....	613	330	724	465	115	98	.....	352	(4)	.....
1941 monthly average ..	373	.....	21,688	528	.....	(2)	.....	859	465	1,140	571	269	224	.....	438	(4)	.....
1942 monthly average ..	380	.....	21,770	538	.....	(2)	.....	1,137	591	1,969	490	645	739	.....	515	(4)	.....
1943 monthly average ..	376	.....	21,943	517	.....	(2)	.....	1,363	790	3,138	642	1,029	1,225	.....	612	(4)	.....
1944 monthly average ..	346	.....	21,873	483	.....	(2)	.....	1,321	828	3,065	663	958	1,137	.....	585	(4)	.....
1945 monthly average ..	336	.....	21,694	458	.....	(2)	.....	1,138	699	2,097	538	558	666	.....	540	(4)	.....
1946 monthly average ..	413	.....	21,707	441	.....	(2)	.....	1,075	623	1,008	544	156	181	.....	573	(4)	.....
1947																	
January.....	434	132	1,078	504	48	849	148	1,220	741	1,046	627	3179	3162	64	212	397	.....
February.....	433	128	1,085	508	48	850	149	1,229	744	1,073	656	176	160	66	213	401	.....
March.....	435	130	1,083	507	48	855	150	1,236	739	1,074	657	175	162	66	214	403	.....
April.....	439	131	1,084	511	48	848	147	1,238	703	1,085	661	177	167	66	212	396	.....
May.....	432	130	1,069	515	46	833	146	1,229	685	1,030	619	169	163	65	210	385	.....
June.....	438	128	1,078	525	47	827	143	1,215	696	1,059	650	165	164	66	209	378	.....
July.....	427	120	1,056	523	47	806	139	1,180	675	991	642	160	110	65	199	366	.....
August.....	439	124	1,066	528	47	814	143	1,201	679	983	637	160	105	66	203	379	.....
September.....	442	125	1,064	523	46	835	145	1,204	689	1,008	656	159	111	67	203	394	.....
October.....	444	126	1,068	522	46	837	146	1,210	702	1,012	651	162	116	68	204	406	.....
November.....	446	125	1,069	522	46	839	148	1,213	711	1,036	659	163	129	70	203	413	.....
December.....	448	125	1,074	524	46	848	148	1,231	710	1,062	673	163	140	70	205	407	.....
Monthly average.....	438	127	1,073	518	47	837	146	1,217	706	1,038	649	167	141	67	207	394	.....
1948																	
January.....	437	121	1,077	524	46	843	145	1,230	701	1,069	676	162	145	70	203	394	.....
February.....	437	119	1,076	523	46	832	143	1,232	694	1,005	617	163	140	69	204	399	.....
March.....	444	122	1,087	530	47	827	139	1,230	684	1,058	671	163	138	70	204	401	.....
April.....	445	122	1,074	525	47	809	132	1,197	664	1,042	658	164	135	69	201	391	.....
May.....	447	121	1,068	531	48	800	134	1,203	646	1,019	652	153	131	69	199	386	.....
June.....	450	119	1,076	535	48	782	134	1,213	641	999	634	156	125	71	197	384	.....
July.....	443	114	1,068	539	48	791	128	1,195	630	1,028	670	159	117	71	192	377	.....
August.....	453	118	1,082	547	47	805	136	1,188	632	991	642	162	112	61	199	394	.....
September.....	455	121	1,091	545	46	819	139	1,193	642	1,026	661	169	111	71	201	403	.....
October.....	458	122	1,096	545	46	820	143	1,190	647	1,045	672	177	111	70	201	412	.....
November.....	457	120	1,099	547	47	816	140	1,187	650	1,046	669	183	108	72	198	406	.....
December.....	451	117	1,101	551	46	801	131	1,179	643	1,048	670	186	106	72	196	385	.....
Monthly average.....	448	120	1,083	537	47	812	137	1,203	656	1,031	658	167	123	70	200	394	.....
1949																	
January.....	436	112	1,090	550	46	767	117	1,155	623	1,038	665	190	102	72	190	366	.....
February.....	429	110	1,077	553	46	752	112	1,133	607	1,021	649	190	100	72	185	363	.....
March.....	423	107	1,062	552	47	729	108	1,108	585	1,017	646	192	98	72	183	354	.....
April.....	416	105	1,028	545	47	706	103	1,066	560	1,012	649	192	93	69	181	343	.....
May.....	414	106	991	534	45	683	97	1,014	538	955	601	187	92	67	177	333	.....
June.....	409	105	971	523	45	679	94	977	518	995	646	187	88	66	176	333	.....
July.....	400	101	934	506	42	671	92	939	505	1,014	670	192	86	59	170	313	.....
August.....	412	107	932	498	41	688	100	927	507	998	678	185	80	47	169	347	.....
September.....	414	107	938	499	42	708	110	935	531	1,017	686	191	74	56	172	366	.....
October.....	411	108	959	511	39	677	116	922	548	986	666	188	69	53	174	383	.....
November.....	411	108	943	511	38	666	113	908	546	898	582	184	71	51	174	381	.....
December.....	412	107	955	507	41	688	111	929	559	896	585	184	69	50	173	361	.....
Monthly average.....	416	107	940	477	43	701	106	1,001	552	987	644	189	85	61	177	354	.....
1950																	
January.....	403	106	963	511	43	693	107	937	561	978	675	184	66	46	172	345	.....
February.....	408	108	978	512	45	698	112	960	573	872	567	184	68	45	171	356	.....
March.....	410	109	982	507	45	709	114	981	580	879	576	184	67	44	172	361	.....
April.....	419	113	1,007	523	45	722	118	1,003	595	899	595	185	67	44	174	363	.....
May.....	432	116	1,026	529	46	742	119	1,022	606	1,045	736	185	67	48	176	362	.....
June.....	441	118	1,050	538	46	769	122	1,033	615	1,078	765	187	68	49	180	367	.....
July.....	440	114	1,054	542	45	773	120	1,032	620	1,070	757	188	68	48	178	358	.....
August.....	459	122	1,086	550	46	814	132	1,060	655	1,118	781	199	79	48	187	399	.....
September.....	458	117	1,105	552	46	837	137	1,050	673	1,134	788	209	76	49	199	418	.....
October.....	471	127	1,117	552	46	850	137	1,104	710	1,157	795	225	76	50	205	436	.....
November.....	477	129	1,126	554	45	850	135	1,133	721	1,139	760	239	76	52	209	432	.....
December.....	474	128	1,142	556	47	852	133	1,163	724	1,160	767	252	79	52	211	424	.....
Monthly average.....	441	117	1,053	536	45	776	124	1,040	636	1,044	714	202	71	48	186	385	.....

For footnotes giving source of data and description of series, see p. 215.

EMPLOYMENT AND POPULATION—EMPLOYMENT—Continued

YEAR AND MONTH	PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES (U. S. DEPARTMENT OF LABOR) ¹														
	Total	Nondurable-goods industries													
		Food and kindred products						Tobacco manufactures	Textile-mill products			Apparel and other finished textile products			
		Total	Meat products	Dairy products	Canning and preserving ²	Bakery products ²	Beverages		Total	Broad-woven fabric mills	Knitting mills	Total	Men's and boys' suits and coats	Men's and boys' furnishings and work clothing	Women's outerwear
Thousands															
1935 monthly average ..	4,175	780	.....	.....	.....	.....	.....	96	1,121	.....	.....	662	.....	.....	.....
1936 monthly average ..	4,370	820	.....	.....	.....	.....	.....	97	1,145	.....	.....	714	.....	.....	.....
1937 monthly average ..	4,597	869	.....	.....	.....	.....	.....	98	1,194	.....	.....	723	.....	.....	.....
1938 monthly average ..	4,239	835	.....	.....	.....	.....	.....	95	1,025	.....	.....	696	.....	.....	.....
1939 monthly average ..	4,325	855	.....	.....	150	190	.....	93	1,141	.....	.....	793	.....	.....	.....
1940 monthly average ..	4,357	864	.....	.....	149	190	.....	92	1,121	.....	.....	799	.....	.....	.....
1941 monthly average ..	4,949	957	.....	.....	176	196	.....	95	1,282	.....	.....	916	.....	.....	.....
1942 monthly average ..	5,269	1,089	.....	.....	195	206	.....	99	1,293	.....	.....	967	.....	.....	.....
1943 monthly average ..	5,449	1,168	.....	.....	189	211	.....	96	1,254	.....	.....	1,003	.....	.....	.....
1944 monthly average ..	5,390	1,208	.....	.....	196	214	.....	90	1,157	.....	.....	977	.....	.....	.....
1945 monthly average ..	5,309	1,199	.....	.....	207	215	.....	89	1,098	.....	.....	956	.....	.....	.....
1946 monthly average ..	5,701	1,232	.....	.....	234	218	.....	96	1,222	.....	.....	1,028	.....	.....	.....
1947															
January.....	5,758	1,145	228	103	2155	2195	151	103	1,274	595	230	1,032	134	259	315
February.....	5,754	1,104	220	104	134	191	152	100	1,278	598	232	1,054	136	261	326
March.....	5,733	1,098	213	108	127	191	152	95	1,272	595	233	1,050	137	257	327
April.....	5,646	1,102	205	114	133	191	152	88	1,253	591	228	1,001	136	251	296
May.....	5,558	1,110	214	120	135	190	151	83	1,227	582	219	968	136	246	272
June.....	5,568	1,157	219	129	157	191	156	88	1,204	577	214	965	139	244	268
July.....	5,648	1,268	223	131	246	194	163	89	1,183	569	214	960	134	235	280
August.....	5,904	1,397	225	128	353	194	169	98	1,200	573	220	1,031	140	248	311
September.....	6,010	1,432	224	120	384	196	174	104	1,223	586	224	1,052	141	252	317
October.....	5,966	1,309	227	113	236	200	174	105	1,247	596	229	1,075	143	257	320
November.....	5,928	1,252	238	109	170	200	174	103	1,268	606	234	1,065	143	259	310
December.....	5,934	1,215	251	104	149	196	165	97	1,287	614	237	1,083	143	259	324
Monthly average.....	5,784	1,216	224	115	198	194	161	96	1,243	590	226	1,028	138	252	305
1948															
January.....	5,847	1,143	242	101	128	191	155	94	1,291	616	238	1,080	143	256	330
February.....	5,841	1,116	231	101	122	192	154	94	1,304	620	241	1,090	143	259	335
March.....	5,808	1,099	224	103	122	193	154	91	1,311	624	243	1,086	144	260	328
April.....	5,591	1,007	129	111	130	191	155	90	1,299	620	240	1,024	141	257	289
May.....	5,574	1,046	150	117	140	193	152	88	1,290	618	236	1,006	139	255	276
June.....	5,749	1,189	229	126	170	196	164	88	1,292	623	234	1,015	141	254	281
July.....	5,753	1,285	230	125	250	198	172	86	1,245	601	220	986	132	239	283
August.....	5,948	1,328	225	121	297	198	169	96	1,274	618	229	1,061	144	248	316
September.....	6,077	1,438	223	115	408	199	170	99	1,261	615	226	1,072	144	250	321
October.....	5,944	1,311	226	108	258	203	167	100	1,249	610	226	1,072	142	249	316
November.....	5,833	1,226	235	104	173	197	167	97	1,245	610	225	1,058	135	246	315
December.....	5,733	1,171	247	100	147	196	157	93	1,236	607	220	1,040	135	236	315
Monthly average.....	5,808	1,197	216	111	195	196	161	93	1,275	615	231	1,049	140	251	309
1949															
January.....	5,561	1,097	240	99	118	190	146	90	1,200	590	212	1,015	135	225	314
February.....	5,551	1,073	231	100	108	189	145	88	1,190	582	214	1,055	139	241	324
March.....	5,487	1,069	226	103	110	185	149	85	1,150	558	211	1,051	137	242	318
April.....	5,354	1,071	217	108	125	186	140	82	1,100	530	207	1,008	134	241	289
May.....	5,267	1,095	221	115	131	188	148	82	1,087	526	202	956	118	239	257
June.....	5,315	1,153	226	122	169	192	152	84	1,083	525	203	959	122	236	258
July.....	5,317	1,224	227	122	220	191	169	82	1,058	518	200	942	116	221	263
August.....	5,614	1,350	229	116	339	194	165	91	1,092	530	211	1,040	131	235	306
September.....	5,715	1,340	230	110	322	196	157	94	1,132	547	219	1,082	133	246	319
October.....	5,717	1,273	236	104	232	199	149	92	1,168	565	227	1,083	129	252	308
November.....	5,570	1,185	242	99	160	195	146	89	1,184	572	230	1,028	118	251	280
December.....	5,543	1,139	251	96	136	190	141	87	1,187	574	227	1,040	127	247	296
Monthly average.....	5,501	1,172	231	108	181	191	151	87	1,136	551	213	1,022	128	240	294
1950															
January.....	5,449	1,078	244	95	117	186	135	85	1,177	568	223	1,032	130	241	302
February.....	5,478	1,055	232	97	110	188	134	81	1,183	571	223	1,065	135	244	315
March.....	5,479	1,060	228	99	109	190	139	78	1,183	574	221	1,058	136	245	305
April.....	5,402	1,065	223	103	120	191	141	76	1,172	573	218	1,003	132	241	272
May.....	5,385	1,090	227	108	127	193	146	76	1,162	573	213	976	129	239	254
June.....	5,470	1,141	232	114	151	191	157	75	1,174	580	212	976	135	238	248
July.....	5,554	1,231	235	116	223	194	164	75	1,160	571	209	981	127	232	266
August.....	5,902	1,331	236	114	302	192	169	82	1,224	595	227	1,089	138	252	307
September.....	6,003	1,350	236	107	324	194	159	89	1,255	606	233	1,099	137	254	305
October.....	5,947	1,260	240	102	226	196	149	89	1,264	607	236	1,100	138	254	297
November.....	5,834	1,196	244	100	171	193	149	84	1,262	606	234	1,056	137	253	275
December.....	5,802	1,155	254	97	143	190	146	83	1,258	604	234	1,064	137	251	296
Monthly average.....	5,642	1,168	236	104	177	192	149	81	1,206	586	224	1,042	134	245	287

For footnotes giving source of data and description of series, see p. 215.

EMPLOYMENT AND POPULATION—EMPLOYMENT—Continued

YEAR AND MONTH	PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES (U. S. DEPARTMENT OF LABOR) ¹													MANUFACTURING PRODUCTION-WORKER EMPLOYMENT INDEXES		
	Nondurable-goods industries													Unadjusted for seasonal variation (U. S. Dept. of Labor) ³	Adjusted for seasonal variation (Federal Reserve) ⁴	
	Paper and allied products		Printing, publishing, and allied industries			Chemicals and allied products		Products of petroleum and coal		Rubber products		Leather and leather products				
	Total	Pulp, paper, and paperboard mills	Total	News-paper	Commercial printing	Total ²	Industrial organic chemicals	Total ²	Petroleum refining ³	Total ²	Tires and inner tubes ³	Total	Foot-wear (except rubber) ⁴			
Thousands															1939 average = 100	
1935 monthly average ..	230	127	290	.....	.....	261	.....	97	78	112	57	325	.....	88.7	.....	
1936 monthly average ..	240	129	310	.....	.....	271	.....	102	79	119	59	331	.....	96.4	.....	
1937 monthly average ..	261	138	332	.....	.....	299	.....	107	84	127	63	347	.....	105.8	.....	
1938 monthly average ..	244	128	322	.....	.....	267	.....	102	77	102	48	329	.....	90.0	.....	
1939 monthly average ..	265	138	328	.....	.....	277	.....	108	73	118	54	347	231	100.0	.....	
1940 monthly average ..	278	146	329	.....	.....	302	.....	114	74	124	56	335	221	107.5	.....	
1941 monthly average ..	317	161	347	.....	.....	381	.....	124	79	153	66	376	238	132.8	.....	
1942 monthly average ..	326	164	358	.....	.....	471	.....	137	83	152	67	377	232	156.9	.....	
1943 monthly average ..	345	160	379	.....	.....	520	.....	142	83	193	90	349	206	183.3	.....	
1944 monthly average ..	344	158	380	.....	.....	551	.....	154	92	204	101	326	194	178.3	.....	
1945 monthly average ..	344	159	390	.....	.....	555	.....	160	99	195	102	323	193	157.0	.....	
1946 monthly average ..	392	186	457	.....	.....	517	.....	173	107	214	114	370	227	147.8	.....	
1947																
January.....	410	206	489	119	160	531	165	175	135	231	111	368	233	156.4	157.0	
February.....	411	207	491	121	160	535	165	177	136	232	111	372	235	157.1	157.3	
March.....	411	206	492	123	158	535	164	177	137	230	110	373	236	157.1	157.4	
April.....	407	205	493	124	159	529	164	177	137	228	109	368	233	155.6	157.1	
May.....	403	205	493	125	158	521	164	180	139	218	106	355	224	153.1	155.5	
June.....	402	207	495	126	160	504	153	184	142	214	105	355	227	153.5	155.2	
July.....	394	205	493	126	161	506	162	188	145	208	102	359	230	151.7	154.2	
August.....	401	208	496	127	161	509	162	190	146	210	105	372	237	155.9	154.5	
September.....	402	208	500	128	161	518	162	189	145	211	102	379	240	158.2	155.2	
October.....	406	208	506	128	164	529	163	189	145	216	103	384	241	158.3	155.9	
November.....	408	209	508	129	164	530	163	189	145	218	104	387	243	158.3	156.7	
December.....	411	211	510	129	167	532	164	189	146	220	103	390	248	159.0	157.8	
Monthly average.....	406	207	497	125	161	523	163	184	142	220	106	372	236	156.2	.....	
1948																
January.....	407	210	505	128	168	531	163	189	146	220	104	387	249	157.4	158.2	
February.....	405	210	504	129	167	529	163	189	146	219	102	391	251	156.3	156.6	
March.....	404	210	500	130	163	527	162	190	148	215	100	385	247	156.5	156.9	
April.....	401	210	496	131	163	516	164	190	148	208	96	360	229	152.3	154.0	
May.....	399	211	497	133	164	506	162	192	150	203	94	347	219	151.3	153.9	
June.....	401	211	498	134	165	506	164	196	153	205	95	359	230	153.3	155.0	
July.....	398	212	494	134	164	501	166	196	153	201	94	361	233	153.5	156.0	
August.....	405	213	496	134	163	514	166	197	153	205	95	372	239	156.3	155.3	
September.....	408	212	500	136	164	527	166	195	151	207	94	370	235	158.9	155.3	
October.....	411	211	508	137	168	532	165	184	150	208	93	369	233	157.6	155.0	
November.....	412	211	508	138	167	529	166	192	149	209	94	357	224	155.9	154.4	
December.....	409	210	509	139	170	526	165	189	149	206	93	354	228	153.5	152.4	
Monthly average.....	405	211	501	134	166	520	164	192	149	209	96	368	235	155.2	.....	
1949																
January.....	398	208	500	136	169	519	163	187	149	201	91	354	233	148.9	149.7	
February.....	391	204	497	137	166	513	162	188	150	197	89	359	235	147.4	147.6	
March.....	386	201	496	139	164	511	157	187	149	194	89	358	234	145.3	145.6	
April.....	377	196	495	140	163	495	148	188	149	190	89	348	228	141.8	143.4	
May.....	372	194	494	141	162	476	142	188	149	185	87	332	216	138.2	140.7	
June.....	369	192	494	142	163	464	139	189	150	181	86	339	223	138.4	140.0	
July.....	365	188	485	141	162	453	136	189	150	177	82	342	226	136.9	139.1	
August.....	371	191	486	141	161	458	135	190	150	180	81	356	234	141.1	139.4	
September.....	384	197	495	144	162	478	140	189	149	167	64	354	230	143.7	141.1	
October.....	392	200	500	144	166	488	141	185	148	187	81	349	224	138.8	136.3	
November.....	393	201	500	145	165	485	143	188	148	186	81	332	208	137.8	136.3	
December.....	390	200	501	145	168	484	144	185	146	187	82	343	224	140.4	139.3	
Monthly average.....	382	198	495	141	164	485	146	188	149	186	84	347	226	141.6	.....	
1950																
January.....	385	199	493	142	167	480	144	184	145	187	83	348	231	139.8	140.5	
February.....	386	200	495	145	165	485	144	183	144	188	83	357	235	139.9	140.2	
March.....	389	200	496	146	165	487	145	182	143	189	83	357	236	141.0	141.3	
April.....	391	201	497	148	165	490	146	176	136	191	84	341	222	141.6	143.2	
May.....	392	202	498	149	164	485	148	177	136	194	86	335	218	144.5	147.1	
June.....	399	205	500	150	166	482	150	181	138	199	88	343	224	147.3	148.9	
July.....	396	204	499	150	164	479	152	182	139	200	88	351	230	148.3	150.9	
August.....	410	207	504	150	165	491	155	193	147	208	90	370	237	156.3	155.0	
September.....	418	210	510	151	167	506	158	189	145	215	92	372	237	158.9	156.0	
October.....	421	210	514	150	170	523	159	190	147	219	92	367	230	160.3	157.7	
November.....	427	211	515	150	170	521	160	191	148	222	93	360	226	159.2	157.7	
December.....	428	212	518	152	171	524	161	191	147	222	92	359	229	159.4	158.1	
Monthly average.....	404	205	503	149	167	496	152	185	143	203	88	355	229	149.7	.....	

For footnotes giving source of data and description of series, see p. 215.

EMPLOYMENT AND POPULATION—EMPLOYMENT, PAYROLLS, AND LABOR CONDITIONS

YEAR AND MONTH	MISCELLANEOUS EMPLOYMENT								Manufacturing production-worker payroll index, unadjusted (U. S. Department of Labor) ⁴	AVERAGE WEEKLY HOURS PER WORKER IN MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ⁵						
	Federal and State highways ¹			Federal civilian employees ²		Railway employees (class I steam railways) ³				All manufacturing	Durable-goods industries					
	Total	Construction (Federal and State)	Maintenance (State)	United States, total	Washington, D. C., metropolitan area	Total	Indexes				Total	Ordnance and accessories	Lumber and wood products (except furniture)		Furniture and fixtures ⁶	
							Unadjusted for seasonal variation	Adjusted for seasonal variation					Total ^d	Sawmills and planing mills ^e		
Number			Thousands			1935-39 = 100		1939 average = 100	Hours							
1935 monthly average ..	301,660	165,261	136,399	778	105	999	97.4	.....	78.6	36.6	37.3	.....	.....	37.2	.....	
1936 monthly average ..	335,991	190,196	145,795	843	115	1,078	104.5	.....	91.1	39.2	41.0	.....	.....	43.1	.....	
1937 monthly average ..	281,086	136,388	144,698	784 ⁷	112	1,133	109.3	.....	108.9	38.6	40.0	.....	.....	43.3	.....	
1938 monthly average ..	272,679	117,094	155,585	852	116	955	92.1	.....	84.7	35.6	35.0	.....	.....	40.4	.....	
1939 monthly average ..	224,984	104,729	120,254	917	124	1,006	96.8	.....	100.0	37.7	38.0	.....	39.0	38.4	38.5	
1940 monthly average ..	278,094	115,880	123,249	1,025	139	1,047	100.7	.....	113.6	38.1	39.3	.....	38.6	38.0	38.6	
1941 monthly average ..	267,042	108,219	119,108	1,372	182	1,163	111.7	.....	169.4	40.6	42.1	.....	39.7	39.1	40.8	
1942 monthly average ..	209,856	70,173	106,366	2,270	263	1,297	124.6	.....	241.5	42.9	45.1	.....	40.8	40.2	41.6	
1943 monthly average ..	161,334	45,042	92,045	82,906	277	1,382	132.8	.....	331.1	44.9	46.6	.....	43.1	42.5	44.1	
1944 monthly average ..	140,015	24,648	91,260	2,872	263	1,442	138.5	.....	343.7	45.2	46.6	.....	43.2	42.5	44.2	
1945 monthly average ..	137,521	20,738	91,828	2,767	248	1,448	139.2	.....	293.5	43.4	44.1	.....	42.0	41.4	43.3	
1946 monthly average ..	195,002	54,399	105,944	2,252	231	1,387	133.2	.....	271.7	40.4	40.2	.....	40.9	40.4	41.9	
1947																
January.....	186,449	45,094	104,914	1,973	220	1,361	130.5	135.7	312.8	40.7	40.7	41.3	40.4	40.1	41.9	
February.....	188,212	46,048	105,699	1,966	219	1,353	129.7	133.0	314.4	40.4	40.5	41.4	41.9	42.3	41.8	
March.....	199,338	52,330	107,855	1,944	218	1,354	129.9	133.2	317.3	40.4	40.7	41.4	40.7	40.7	41.5	
April.....	213,871	69,239	105,407	1,926	215	1,375	131.9	134.0	314.6	40.2	40.6	41.0	41.3	41.1	41.2	
May.....	240,838	90,595	109,641	1,907	212	1,395	133.8	134.3	315.1	40.2	40.5	41.3	41.9	42.1	41.3	
June.....	266,966	107,192	116,465	1,850	205	1,405	134.8	132.9	322.0	40.3	40.7	41.7	42.5	43.0	41.5	
July.....	285,865	116,116	123,877	1,817	198	1,413	135.5	132.7	316.4	39.9	40.0	41.2	42.0	42.4	40.7	
August.....	295,234	125,999	123,976	1,784	196	1,411	135.3	132.5	326.5	39.9	40.0	40.8	42.9	43.4	41.0	
September.....	282,762	120,546	117,605	1,767	195	1,393	133.6	130.4	339.6	40.5	40.6	41.6	42.2	42.4	41.4	
October.....	271,998	115,565	113,058	1,774	195	1,387	132.9	128.6	342.5	40.6	40.9	41.8	42.0	42.4	42.3	
November.....	246,777	91,065	112,332	1,773	195	1,370	131.3	130.2	345.6	40.6	40.8	41.8	41.6	41.9	42.0	
December.....	218,587	65,336	110,544	1,766	196	1,363	130.4	132.5	355.8	41.3	41.6	43.0	42.4	42.5	42.8	
Monthly average.....	241,408	87,094	112,614	1,854	205	1,382	132.5	.....	326.9	40.4	40.6	41.5	41.8	42.0	41.6	
1948																
January.....	198,438	47,734	108,224	1,769	198	1,348	129.1	134.2	348.1	40.6	40.9	41.3	41.7	41.6	42.1	
February.....	190,678	41,184	106,305	1,781	200	1,340	128.5	131.7	343.8	40.2	40.5	41.3	40.9	40.6	41.8	
March.....	202,090	50,461	108,045	1,794	201	1,346	129.0	132.3	346.6	40.4	40.8	41.8	41.6	41.4	41.7	
April.....	233,105	78,726	109,522	1,811	202	1,287	123.2	125.2	334.9	40.0	40.4	41.4	40.6	40.3	40.8	
May.....	264,290	105,547	112,631	1,826	203	1,350	129.5	130.0	334.4	39.9	40.1	41.7	41.6	41.8	40.7	
June.....	286,258	117,968	118,870	1,860	206	1,381	132.5	130.7	345.6	40.2	40.5	41.6	42.4	42.6	40.6	
July.....	307,451	135,452	121,828	1,877	207	1,391	133.4	130.6	346.5	39.8	39.9	41.7	41.5	41.7	40.1	
August.....	305,031	132,302	122,274	1,895	208	1,385	132.8	130.1	360.1	40.1	40.6	41.5	42.5	42.7	40.6	
September.....	298,569	128,869	120,098	1,899	208	1,380	132.3	129.1	366.8	39.8	40.0	41.9	41.3	41.2	40.7	
October.....	289,056	124,100	117,957	1,880	209	1,376	131.8	127.6	366.7	40.0	40.7	42.1	42.0	42.2	41.6	
November.....	259,338	99,158	114,706	1,896	212	1,360	130.2	129.1	362.8	39.8	40.4	41.9	41.2	41.0	40.7	
December.....	227,808	69,381	112,519	1,899	212	1,339	127.9	129.9	360.7	40.1	40.7	41.4	41.0	40.8	41.2	
Monthly average.....	255,176	94,240	114,415	1,849	206	1,353	130.0	.....	351.4	40.1	40.5	41.6	41.5	41.5	41.1	
1949																
January.....	207,943	52,207	110,216	1,901	212	1,285	123.0	127.9	345.9	39.5	40.1	40.9	40.7	40.8	39.4	
February.....	203,088	48,744	109,014	1,900	213	1,261	120.6	123.6	340.4	39.4	39.9	41.3	39.5	39.3	39.8	
March.....	214,405	59,507	108,618	1,908	214	1,228	117.3	120.3	332.8	39.1	39.5	39.6	40.3	40.2	39.6	
April.....	238,605	80,881	111,169	1,922	215	1,245	119.1	121.0	319.2	38.4	39.0	36.7	40.5	40.6	38.7	
May.....	268,525	106,743	113,965	1,933	216	1,267	121.2	121.7	312.8	38.6	39.0	40.3	41.1	41.1	38.5	
June.....	295,071	124,025	120,469	1,929	217	1,261	120.6	119.0	315.7	38.8	39.2	39.7	40.7	40.7	39.0	
July.....	314,414	137,965	124,931	1,923	217	1,238	118.4	116.0	312.8	38.8	38.8	40.3	39.4	39.3	38.6	
August.....	327,536	146,144	128,631	1,915	214	1,231	117.8	115.4	323.0	39.1	39.3	39.7	40.7	40.8	40.4	
September.....	320,842	143,585	125,032	1,886	213	1,195	114.2	111.5	335.1	39.6	39.6	40.3	40.7	40.6	41.0	
October.....	310,606	137,971	122,022	1,846	211	1,116	106.9	103.4	320.9	39.7	39.9	40.3	41.7	41.6	41.7	
November.....	278,309	107,399	120,798	1,835	211	1,141	109.2	108.2	313.9	39.1	39.0	40.2	41.0	41.0	41.2	
December.....	240,059	72,406	117,596	1,805	213	1,183	112.7	114.5	329.3	39.8	40.1	40.7	41.3	40.8	42.2	
Monthly average.....	268,283	101,465	117,705	1,892	214	1,221	116.7	.....	325.3	39.2	39.5	40.0	40.6	40.6	40.1	
1950																
January.....	220,000	54,603	115,154	1,801	213	1,180	112.8	117.3	329.2	39.7	40.0	40.2	39.2	38.3	41.1	
February.....	217,821	52,854	114,714	1,801	213	1,154	110.3	113.0	330.0	39.7	40.1	40.4	39.8	39.4	41.7	
March.....	228,932	63,347	114,891	1,940	214	1,177	112.5	115.3	333.5	39.7	40.2	40.6	40.4	40.1	41.7	
April.....	250,272	82,362	116,980	1,939	214	1,221	116.7	118.6	337.2	39.7	40.7	40.6	40.7	40.5	41.3	
May.....	282,425	108,956	121,802	1,851	213	1,163	111.0	111.5	348.0	39.9	40.8	40.7	40.7	40.5	41.2	
June.....	312,091	129,051	128,470	1,819	214	1,272	121.6	120.0	362.7	40.5	41.3	40.7	41.6	41.6	41.8	
July.....	327,886	141,983	130,168	1,839	215	1,279	122.3	119.7	367.5	40.5	41.1	42.6	41.1	40.9	41.0	
August.....	336,600	149,185	130,714	1,913	218	1,302	124.5	121.9	394.4	41.2	41.8	42.6	42.0	41.9	42.8	
September.....	327,953	145,988	126,664	1,945	219	1,316	125.8	122.8	403.2	41.0	41.7	43.1	41.2	40.1	42.6	
October.....	317,566	140,543	123,493	1,977	222	1,324	126.6	122.5	415.8	41.3	42.1	43.2	41.9	41.8	42.6	
November.....	291,399	116,639	122,681	2,005	226	1,322	126.3	125.2	414.6	41.1	41.8	43.4	41.0	40.7	42.6	
December.....	250,137	79,857	118,487	2,024	228	1,313	125.1	127.1	426.0	41.4	42.2	42.5	41.4	41.0	42.3	
Monthly average.....	280,257	105,447	122,018	1,905	217	1,252	119.6	.....	371.7	40.5	41.2	41.8	41.0	40.7	41.9	

For footnotes giving source of data and description of series, see pp. 215-217.

EMPLOYMENT AND POPULATION—LABOR CONDITIONS—Continued

YEAR AND MONTH	AVERAGE WEEKLY HOURS PER WORKER, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹															
	Durable-goods industries															
	Stone, clay, and glass products		Primary metal industries			Fabricated metal products (except ordnance, machinery, and transportation equipment)		Machinery (except electrical)	Electrical machinery	Transportation equipment				Instruments and related products	Miscellaneous manufacturing industries	
										Total	Auto-mobiles ²	Aircraft and parts	Ship and boat building and repairing			Railroad equipment
	Total ²	Glass and glass products	Total	Blast furnaces, steel works, and rolling mills	Primary smelting and refining of non-ferrous metals	Total	Heating apparatus (except electrical) and plumbers' supplies	Total	Auto-mobiles ²	Aircraft and parts	Ship and boat building and repairing	Railroad equipment				
Hours																
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	37.1	.....	32.8	.....	.....	.....	
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	38.5	.....	35.7	.....	.....	.....	
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	35.9	.....	37.1	.....	.....	.....	
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.9	.....	36.6	.....	.....	.....	
1939 monthly average ..	37.6	.....	.....	35.3	38.2	.....	.....	39.3	38.6	35.4	.....	38.0	.....	.....	.....	
1940 monthly average ..	37.4	.....	.....	37.0	38.8	.....	.....	41.9	40.4	37.7	.....	39.8	.....	.....	.....	
1941 monthly average ..	39.0	.....	.....	39.0	39.3	.....	.....	45.9	43.7	39.6	.....	44.4	.....	.....	.....	
1942 monthly average ..	40.2	.....	.....	40.2	41.3	.....	.....	49.2	46.2	44.4	.....	48.0	.....	.....	.....	
1943 monthly average ..	42.7	.....	.....	44.3	44.8	.....	.....	49.3	46.9	46.2	.....	47.5	.....	.....	.....	
1944 monthly average ..	43.6	.....	.....	46.3	46.1	.....	.....	48.7	46.4	45.5	.....	47.5	.....	.....	.....	
1945 monthly average ..	43.1	.....	.....	44.1	45.7	.....	.....	45.8	44.1	41.3	.....	45.1	.....	.....	.....	
1946 monthly average ..	40.7	.....	.....	37.4	40.6	.....	.....	41.2	40.3	37.6	.....	38.0	.....	.....	.....	
1947																
January.....	241.3	39.4	39.8	38.3	40.4	41.1	40.9	41.6	40.6	39.7	239.4	40.0	40.2	40.4	40.6	41.5
February.....	40.6	38.9	39.6	38.5	40.6	40.7	40.2	41.5	40.1	39.0	38.6	40.1	38.4	40.7	40.6	41.3
March.....	41.2	39.8	40.1	38.9	40.8	40.9	40.6	41.6	40.5	39.5	39.4	39.8	39.8	39.5	40.8	41.1
April.....	41.1	40.0	40.1	39.3	40.9	40.8	40.6	41.7	40.0	39.1	38.7	39.7	40.0	39.6	40.5	40.9
May.....	40.9	39.5	40.0	39.0	41.6	40.7	40.3	41.4	39.8	39.0	38.2	39.5	40.8	41.0	40.3	40.7
June.....	41.4	40.1	40.2	39.7	41.8	40.6	40.2	41.5	39.9	39.2	38.7	39.2	40.6	40.8	40.4	40.3
July.....	40.7	38.7	38.8	37.7	41.2	40.1	39.7	40.9	39.8	38.5	37.7	39.6	39.8	40.9	39.2	39.3
August.....	40.9	39.2	39.3	39.3	40.3	39.8	38.5	40.4	39.3	38.0	37.1	40.0	39.1	39.6	39.2	39.6
September.....	40.8	39.2	39.6	38.9	41.3	40.8	40.7	41.2	40.5	39.3	39.1	39.3	39.4	40.5	40.0	40.7
October.....	41.3	39.8	40.0	39.2	40.9	41.2	41.5	41.4	40.7	39.8	39.5	40.4	39.7	41.1	40.2	41.2
November.....	41.3	40.6	40.1	39.5	41.2	41.1	41.1	41.4	40.6	39.3	39.8	39.7	35.9	40.2	40.4	41.2
December.....	41.5	39.9	40.5	39.6	41.3	42.0	42.1	42.2	41.3	41.3	41.5	41.0	40.4	41.2	40.7	42.0
Monthly average.....	41.1	39.6	39.8	39.0	41.0	40.8	40.5	41.4	40.3	39.3	39.0	39.9	39.6	40.5	40.3	40.8
1948																
January.....	40.4	38.3	40.3	39.6	41.0	41.1	40.3	41.7	40.6	39.9	39.5	40.2	41.2	40.7	40.4	41.1
February.....	40.2	38.7	40.1	39.5	41.0	40.8	40.6	41.4	40.4	38.8	38.3	40.5	38.7	40.0	40.4	41.5
March.....	41.0	39.9	40.3	39.6	40.5	40.8	40.4	41.7	40.2	39.5	38.9	40.8	40.3	40.8	40.4	41.2
April.....	41.0	39.8	39.4	38.6	40.9	40.6	40.1	41.5	39.9	39.4	38.6	41.3	40.2	40.9	40.3	41.0
May.....	41.2	39.5	40.1	39.9	41.4	40.5	40.0	41.3	39.6	37.0	35.2	41.1	39.3	40.3	39.9	40.7
June.....	41.1	39.2	40.0	39.4	41.4	40.6	39.9	41.5	39.9	38.6	37.7	41.0	39.1	39.9	40.2	40.9
July.....	40.0	37.4	39.5	38.8	40.7	39.8	39.8	40.5	39.4	38.8	38.5	40.5	38.7	38.1	40.1	39.5
August.....	41.4	39.5	40.1	39.7	41.3	40.5	40.3	41.0	39.9	39.3	38.9	41.2	37.7	40.0	40.0	40.7
September.....	40.7	39.3	39.7	39.3	41.2	39.6	39.3	40.7	40.0	37.9	37.2	41.4	36.4	38.1	40.2	40.7
October.....	41.4	40.2	40.6	40.3	41.3	40.8	40.9	41.1	40.2	39.3	39.0	41.2	37.3	39.9	39.8	41.0
November.....	40.6	38.8	40.3	40.0	40.4	40.7	40.0	40.8	40.3	39.0	38.8	41.4	34.7	39.7	39.9	41.0
December.....	41.0	39.7	40.3	39.8	41.0	41.0	40.2	41.1	40.4	40.1	39.7	41.4	39.0	41.5	40.0	41.0
Monthly average.....	40.9	39.2	40.1	39.5	41.0	40.6	40.2	41.2	40.1	39.0	38.4	41.0	38.7	40.0	40.1	40.9
1949																
January.....	40.1	39.3	40.0	40.0	41.0	40.1	38.1	40.5	39.7	39.9	39.8	40.5	39.0	40.8	40.0	40.2
February.....	40.4	39.9	39.8	39.9	40.8	39.7	37.2	40.4	39.6	39.8	39.5	41.2	38.5	40.7	39.8	40.3
March.....	39.9	39.1	39.0	39.5	41.0	39.5	37.6	39.9	39.1	38.6	37.7	40.7	38.9	39.9	39.7	40.2
April.....	39.3	38.2	38.4	39.4	41.3	38.7	36.6	39.1	38.5	38.7	38.6	39.4	38.2	38.6	39.3	39.0
May.....	39.6	39.1	38.0	38.7	40.7	39.0	37.1	39.2	38.8	38.2	37.3	40.5	38.1	39.2	39.5	39.0
June.....	39.4	38.9	37.6	37.7	40.5	39.2	37.3	39.2	39.0	39.5	39.4	40.5	38.4	39.0	39.2	39.4
July.....	38.7	37.9	36.9	36.4	39.1	39.3	37.7	39.0	38.7	39.9	40.3	39.9	38.4	37.7	39.0	39.0
August.....	39.6	39.0	37.6	37.6	39.4	39.6	39.5	39.1	39.1	39.7	39.8	40.2	37.3	38.4	39.0	38.9
September.....	39.6	38.2	37.6	37.1	39.6	40.2	40.3	39.3	40.0	40.1	40.4	40.6	37.7	38.1	39.5	40.2
October.....	40.4	39.5	37.5	34.0	40.7	40.1	41.4	39.2	40.4	39.1	39.0	40.5	36.4	38.5	39.8	40.7
November.....	40.0	39.2	36.4	34.4	39.4	39.2	40.0	38.5	40.0	37.3	36.2	41.5	34.8	38.3	40.0	40.9
December.....	40.3	39.7	39.4	39.3	40.3	40.5	40.5	39.7	40.6	38.9	38.2	41.2	38.4	38.7	40.0	40.9
Monthly average.....	39.8	39.0	38.3	38.3	40.4	39.6	38.7	39.5	39.5	39.2	38.9	40.6	38.0	39.2	39.6	39.9
1950																
January.....	39.8	39.7	39.5	39.3	41.3	40.3	39.7	39.8	40.5	40.5	40.9	40.7	37.8	38.0	39.7	40.2
February.....	40.0	40.0	39.6	39.3	40.4	40.3	39.7	40.3	40.4	39.7	39.6	40.7	37.5	39.4	39.9	40.2
March.....	40.1	40.1	38.9	37.5	40.7	40.3	40.0	40.6	40.5	40.2	40.4	40.5	38.2	39.2	40.0	40.2
April.....	40.4	40.2	40.4	40.0	40.8	40.7	40.0	41.0	40.6	41.3	42.2	40.3	37.9	39.2	40.0	40.2
May.....	40.8	40.5	40.5	39.7	40.8	40.7	40.3	41.3	40.8	41.0	41.4	40.8	38.4	39.8	40.4	40.3
June.....	41.1	40.2	40.8	39.8	40.9	41.5	40.7	41.5	40.4	42.0	42.8	40.7	38.3	39.2	40.7	40.5
July.....	40.9	39.5	40.7	39.9	40.3	41.1	41.2	41.6	40.6	41.5	42.1	41.2	38.1	39.1	40.9	40.3
August.....	41.6	39.8	41.1	40.1	40.9	42.1	41.9	42.3	41.0	42.0	42.3	42.4	39.2	39.5	41.7	41.6
September.....	41.5	39.0	41.4	40.2	41.2	42.1	42.3	42.4	41.4	40.9	40.6	42.7	38.3	40.4	42.5	42.1
October.....	42.5	41.4	41.9	40.8	41.5	42.3	42.4	42.9	42.1	41.0	41.1	41.9	38.3	40.0	42.5	42.3
November.....	42.3	41.3	41.8	40.8	41.0	41.9	41.6	43.0	41.8	40.1	39.5	42.4	38.7	40.2	42.4	42.2
December.....	42.2	41.0	42.3	41.1	41.7	42.4	42.1	43.7	41.9	41.4	40.9	43.3	39.9	40.9	42.6	41.7
Monthly average.....	41.2	40.3	40.8	39.9	41.0	41.4	41.1	41.8	41.1	41.0	41.2	41.6	38.4	39.6	41.2	41.0

For footnotes giving source of data and description of series, see p. 217.

EMPLOYMENT AND POPULATION—LABOR CONDITIONS—Continued

YEAR AND MONTH	AVERAGE WEEKLY HOURS PER WORKER, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹														
	Total	Nondurable-goods industries													
		Food and kindred products						Tobacco manu- fac- tures ²	Textile-mill products			Apparel and other finished textile products			
		Total ²	Meat prod- ucts	Dairy prod- ucts	Canning and pre- serv- ing	Bakery prod- ucts ²	Bev- erages		Total	Broad- woven fabric mills	Knitting mills	Total	Men's and boys' suits and coats	Men's and boys' fur- nishings and work clothing	Women's outerwear
Hours															
1935 monthly average ..	36.1	39.3	.....	.....	35.9	40.5	.....	35.0	35.1	.....	.....	.....	.....	.....	.....
1936 monthly average ..	37.7	41.1	.....	.....	36.5	42.3	.....	36.2	37.0	.....	.....	.....	.....	.....	.....
1937 monthly average ..	37.4	41.3	.....	.....	37.9	42.6	.....	37.1	36.0	.....	.....	.....	.....	.....	.....
1938 monthly average ..	36.1	40.6	.....	.....	36.0	42.0	.....	35.5	34.3	.....	.....	.....	.....	.....	.....
1939 monthly average ..	37.4	40.3	.....	.....	37.0	41.7	.....	35.4	36.6	.....	.....	34.5	.....	.....	.....
1940 monthly average ..	37.0	39.9	.....	.....	36.3	41.4	.....	36.1	35.7	.....	.....	33.8	.....	.....	.....
1941 monthly average ..	38.9	40.4	.....	.....	38.1	41.8	.....	37.0	38.6	.....	.....	35.7	.....	.....	.....
1942 monthly average ..	40.3	41.5	.....	.....	38.6	42.8	.....	38.7	40.2	.....	.....	36.3	.....	.....	.....
1943 monthly average ..	42.5	44.1	.....	.....	38.9	44.6	.....	40.9	41.5	.....	.....	38.0	.....	.....	.....
1944 monthly average ..	43.1	45.4	.....	.....	40.1	45.4	.....	42.4	41.9	.....	.....	38.0	.....	.....	.....
1945 monthly average ..	42.3	44.9	.....	.....	39.9	45.6	.....	41.7	41.1	.....	.....	36.9	.....	.....	.....
1946 monthly average ..	40.5	43.3	.....	.....	41.0	44.7	.....	39.5	40.2	.....	.....	36.9	.....	.....	.....
1947															
January.....	40.6	43.1	46.9	46.0	38.0	43.5	41.6	39.0	40.5	40.9	38.3	36.8	38.6	37.0	35.7
February.....	40.3	42.3	43.9	45.5	37.3	42.8	41.1	37.6	40.5	40.9	38.3	37.0	38.7	36.9	36.3
March.....	40.1	42.0	41.8	45.2	37.9	42.5	41.3	37.2	40.0	40.3	38.1	36.8	38.8	36.4	36.0
April.....	39.6	42.0	42.3	45.6	37.9	42.0	42.0	36.8	39.1	39.6	36.7	35.7	37.4	36.2	34.2
May.....	39.8	42.6	43.9	45.9	38.0	42.6	42.8	37.7	39.0	39.3	36.9	35.8	38.5	36.0	34.0
June.....	39.9	43.1	44.4	46.9	37.6	42.8	43.4	38.0	38.7	39.1	36.6	36.0	38.2	36.2	34.4
July.....	39.9	43.2	44.4	47.0	39.8	42.8	43.8	39.1	38.5	39.1	36.4	35.9	36.5	36.2	34.5
August.....	39.8	43.3	43.1	46.8	42.6	42.1	43.8	39.5	38.4	38.8	37.4	35.5	34.2	36.0	34.6
September.....	40.3	43.3	43.4	45.7	42.8	42.0	43.9	39.9	39.6	39.9	38.2	36.0	36.7	36.5	34.4
October.....	40.3	42.9	43.2	45.2	40.8	42.2	43.2	40.1	39.8	40.1	38.7	37.0	38.4	37.1	35.1
November.....	40.3	42.8	46.5	44.7	36.1	41.7	42.4	39.0	40.1	40.6	39.0	36.5	38.0	37.0	34.4
December.....	40.8	43.2	47.4	44.9	37.9	42.4	41.6	39.8	41.1	41.5	39.4	37.1	38.2	37.3	35.6
Monthly average.....	40.1	42.9	44.3	45.8	39.7	42.4	42.6	38.7	39.6	40.0	37.9	36.3	37.7	36.6	35.0
1948															
January.....	40.1	42.0	44.6	45.0	37.6	41.7	40.5	38.0	40.6	41.1	38.4	36.7	37.1	36.6	36.2
February.....	39.9	41.6	40.9	45.2	38.3	43.5	40.7	36.5	40.3	40.6	38.1	36.7	37.6	36.5	36.0
March.....	39.9	41.5	43.4	44.9	36.6	41.9	40.9	37.6	40.6	41.1	38.9	36.8	37.7	37.0	35.7
April.....	39.6	42.4	47.6	45.1	37.3	42.1	42.1	38.2	39.9	40.4	38.0	36.3	37.4	36.9	34.4
May.....	39.6	42.5	46.4	45.6	36.8	42.6	42.3	37.6	39.7	40.2	37.3	36.0	37.0	36.5	34.6
June.....	39.8	42.6	44.0	46.3	37.9	42.8	42.5	37.7	39.5	40.0	37.3	35.9	36.4	36.0	34.5
July.....	39.6	42.5	42.9	46.2	39.0	42.6	43.5	37.7	38.7	39.0	36.8	35.9	37.1	36.0	34.7
August.....	39.5	41.2	41.3	45.6	36.3	42.4	42.5	39.1	38.6	38.8	37.2	36.5	36.8	36.3	35.8
September.....	39.6	42.4	41.8	45.3	41.6	42.8	42.5	38.6	38.0	38.3	36.5	36.4	36.9	36.2	35.4
October.....	39.1	41.8	42.0	45.0	39.3	42.4	41.1	39.9	37.9	38.3	37.1	35.0	34.5	35.9	32.6
November.....	39.2	41.8	42.9	44.9	35.6	41.9	42.1	37.9	38.0	38.4	37.1	36.0	35.5	35.5	35.2
December.....	39.3	41.9	44.1	44.7	36.5	41.9	41.2	38.3	38.4	38.7	36.5	35.7	35.3	34.8	35.2
Monthly average.....	39.6	42.0	43.3	45.4	38.2	42.4	41.9	38.1	39.2	39.6	37.5	36.2	36.6	36.2	35.1
1949															
January.....	38.7	41.5	42.9	44.8	36.8	40.9	40.2	36.2	37.5	37.7	35.7	35.3	35.4	34.2	35.1
February.....	38.8	41.3	41.2	45.0	38.2	42.1	40.3	35.4	37.7	37.8	36.3	36.2	36.5	35.6	35.8
March.....	38.6	40.9	40.3	44.4	37.2	41.4	40.8	36.1	37.2	36.8	36.5	36.3	36.7	36.4	35.4
April.....	37.6	40.6	39.9	44.6	36.5	42.0	40.9	34.7	35.7	35.2	35.1	34.4	34.5	35.2	33.4
May.....	38.1	41.3	40.7	45.2	37.4	42.1	41.8	35.7	35.4	34.6	35.3	35.5	34.2	36.1	35.0
June.....	38.5	41.6	40.4	45.8	38.3	42.2	42.1	38.0	36.3	35.7	36.2	35.4	33.3	35.8	34.6
July.....	38.7	42.2	41.8	45.7	39.7	42.2	42.7	37.4	36.6	36.3	36.3	35.4	33.4	36.1	33.9
August.....	38.9	41.7	41.0	45.0	40.8	41.5	41.4	38.7	37.6	37.6	37.0	35.7	33.5	36.4	34.4
September.....	39.6	41.8	41.6	44.4	40.1	42.1	40.7	38.9	38.6	38.5	37.8	36.8	35.4	36.9	35.8
October.....	39.6	41.7	41.1	44.2	40.0	41.6	40.5	38.2	39.4	39.6	38.9	36.5	34.3	37.5	34.2
November.....	39.3	41.6	42.9	43.9	37.1	41.4	40.1	38.0	39.5	39.8	38.4	35.7	32.9	36.8	33.6
December.....	39.5	41.4	43.4	44.1	36.6	41.3	39.7	38.0	39.8	40.3	37.6	35.9	34.7	36.8	34.5
Monthly average.....	38.8	41.5	41.5	44.8	38.8	41.7	41.0	37.1	37.7	37.5	36.8	35.8	34.7	36.2	34.7
1950															
January.....	39.4	41.4	42.9	44.5	38.2	41.1	39.7	38.0	39.4	40.0	36.8	36.0	35.4	36.2	35.0
February.....	39.3	40.7	40.4	43.8	37.7	41.6	40.0	36.2	39.6	40.1	37.2	36.7	37.0	36.4	35.9
March.....	39.2	40.7	40.3	43.7	36.8	41.5	40.1	36.7	39.2	39.8	37.0	36.4	37.5	36.2	35.4
April.....	38.5	40.4	39.8	43.9	36.3	41.2	40.7	35.5	37.8	38.4	35.0	35.2	35.5	35.5	34.5
May.....	38.9	41.0	40.7	44.3	37.2	41.6	41.1	36.7	37.9	38.5	35.0	35.7	36.7	35.9	34.6
June.....	39.5	41.8	41.3	45.0	38.9	41.9	42.0	38.3	38.7	39.2	36.2	35.8	36.7	36.2	33.8
July.....	39.8	42.3	41.8	45.3	41.4	41.7	42.3	38.4	39.0	39.5	37.0	36.2	36.9	36.1	34.7
August.....	40.5	41.9	40.7	45.0	40.6	41.8	41.3	39.5	40.5	40.8	39.2	37.6	37.7	38.0	36.2
September.....	40.1	42.0	41.7	44.7	44.1	41.2	41.2	39.2	40.7	41.1	38.9	35.7	35.4	37.4	32.2
October.....	40.3	41.6	40.8	44.5	40.5	41.4	41.0	38.3	40.6	40.9	39.2	37.3	37.9	38.3	34.7
November.....	40.3	41.9	43.4	44.1	38.6	41.3	40.9	37.8	40.7	41.1	38.7	36.9	37.9	37.7	34.6
December.....	40.5	42.3	45.2	44.3	37.4	41.6	40.6	38.9	40.8	41.4	38.1	36.5	37.7	37.0	35.1
Monthly average.....	39.7	41.5	41.6	44.5	39.3	41.5	41.0	37.9	39.6	40.1	37.4	36.4	36.9	36.8	34.7

For footnotes giving source of data and description of series, see p. 217.

EMPLOYMENT AND POPULATION—LABOR CONDITIONS—Continued

YEAR AND MONTH	AVERAGE WEEKLY HOURS PER WORKER, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ²												
	Nondurable-goods industries												
	Paper and allied products		Printing, publishing, and allied industries			Chemicals and allied products		Products of petroleum and coal		Rubber products		Leather and leather products	
	Total	Pulp, paper, and paper-board mills	Total	News-papers	Commercial printing	Total ²	Industrial organic chemicals	Total	Petroleum refining	Total	Tires and inner tubes	Total	Footwear (except rubber)
Hours													
1935 monthly average ..	38.9	38.9	38.9	38.9	38.9	38.8	38.8	35.0	34.7	32.3	36.1	35.5	
1936 monthly average ..	41.6	41.6	41.6	41.6	41.6	40.4	40.4	35.8	37.6	35.4	36.3	35.6	
1937 monthly average ..	41.0	41.0	41.0	41.0	41.0	40.5	40.5	36.0	35.4	31.8	36.7	36.1	
1938 monthly average ..	38.1	38.1	38.1	38.1	38.1	38.3	38.3	35.9	32.9	29.6	34.8	34.3	
1939 monthly average ..	40.1	40.3	37.4	37.4	37.4	39.5	39.5	36.5	36.1	36.9	35.0	36.2	
1940 monthly average ..	39.9	40.5	37.5	37.5	37.5	39.7	39.7	37.0	36.1	36.9	34.8	34.2	
1941 monthly average ..	42.0	42.7	38.4	38.4	38.4	40.8	40.8	37.8	37.0	39.5	37.3	38.3	
1942 monthly average ..	42.1	43.0	38.5	38.5	38.5	42.8	42.8	39.6	39.1	41.6	40.9	38.8	
1943 monthly average ..	45.2	46.3	40.1	40.1	40.1	45.3	45.3	44.5	44.5	45.0	45.3	39.9	
1944 monthly average ..	46.0	48.0	41.0	41.0	41.0	45.7	45.7	46.7	46.6	45.5	46.1	41.3	
1945 monthly average ..	45.9	48.0	41.4	41.4	41.4	44.5	44.5	46.2	45.9	44.0	44.0	41.1	
1946 monthly average ..	43.4	44.3	40.9	40.9	40.9	41.2	41.2	40.4	40.1	40.2	38.6	39.0	
1947													
January.....	43.2	44.1	41.1	37.1	42.5	41.7	40.5	40.3	39.7	40.8	39.5	39.1	
February.....	43.1	44.1	40.2	37.1	41.1	41.7	40.3	40.4	39.9	40.6	39.4	39.3	
March.....	43.1	44.1	40.4	37.3	41.6	41.6	40.1	40.4	39.8	39.9	38.3	38.7	
April.....	42.9	44.0	40.2	37.3	41.3	41.4	40.2	40.7	40.2	39.5	38.2	38.4	
May.....	43.1	44.4	40.1	37.6	41.2	41.5	40.7	41.0	40.5	39.0	37.6	38.1	
June.....	43.0	44.3	39.8	37.7	41.1	41.4	40.5	41.2	40.9	39.2	38.0	38.3	
July.....	42.9	44.5	39.8	37.3	41.2	41.1	40.4	40.9	40.6	38.7	37.8	38.1	
August.....	42.4	44.1	39.5	37.3	40.4	41.2	40.5	40.8	40.3	38.9	37.8	38.1	
September.....	42.8	44.1	40.2	37.5	41.1	41.5	40.3	40.8	40.4	39.8	38.9	39.0	
October.....	43.1	44.2	39.8	37.8	40.4	41.7	40.1	39.7	38.8	40.0	38.6	39.0	
November.....	43.5	44.3	40.0	37.7	40.7	41.7	40.2	41.2	40.8	39.9	38.9	38.3	
December.....	43.7	44.6	40.4	38.8	41.3	42.0	40.4	40.9	40.3	41.0	39.5	39.0	
Monthly average.....	43.1	44.2	40.1	37.5	41.2	41.5	40.3	40.7	40.2	39.8	38.5	38.6	
1948													
January.....	42.9	44.1	39.7	36.8	41.4	41.8	40.2	40.5	40.0	39.6	38.1	38.8	
February.....	43.0	44.3	39.1	37.2	40.0	41.4	40.3	40.8	40.4	38.6	36.1	38.9	
March.....	43.0	44.4	39.4	37.5	40.5	41.4	40.3	40.9	40.4	38.0	34.8	37.8	
April.....	42.5	43.9	39.3	37.6	40.2	41.3	40.3	40.5	40.2	38.0	35.4	36.3	
May.....	42.8	44.4	39.2	37.7	40.3	41.4	40.4	41.3	41.0	38.9	37.6	35.7	
June.....	42.8	44.0	39.1	37.8	40.3	41.5	40.9	40.8	40.3	39.7	38.9	37.0	
July.....	42.5	43.9	39.0	37.5	40.2	41.3	40.9	41.1	40.7	39.7	39.3	37.4	
August.....	43.1	44.4	39.2	37.6	40.2	41.2	40.5	41.5	41.1	40.3	39.5	38.0	
September.....	42.7	43.6	39.4	37.9	40.3	41.5	40.4	38.9	37.9	39.5	37.9	37.4	
October.....	42.8	43.8	38.9	37.7	39.8	41.8	40.1	41.4	40.8	39.2	37.2	36.4	
November.....	42.9	43.9	39.2	37.7	40.1	41.7	40.3	40.4	40.0	38.7	36.2	35.7	
December.....	42.6	43.3	39.6	38.5	40.7	41.8	40.3	40.4	40.4	38.5	35.6	37.1	
Monthly average.....	42.8	44.0	39.3	37.6	40.3	41.5	40.4	40.7	40.3	39.0	37.2	37.2	
1949													
January.....	41.6	42.7	38.6	36.9	40.1	41.1	39.6	41.2	41.5	37.9	35.3	37.2	
February.....	41.2	42.0	38.6	37.1	39.6	41.0	39.9	39.9	39.9	37.7	35.4	37.7	
March.....	41.0	41.7	38.6	37.1	39.6	40.9	39.4	40.0	40.0	37.0	35.8	37.5	
April.....	40.3	41.2	38.4	37.6	39.3	40.6	38.8	40.1	39.8	36.9	35.4	35.8	
May.....	40.4	41.1	38.7	37.8	39.7	40.7	39.2	40.7	40.5	37.7	36.3	35.1	
June.....	40.7	41.1	38.7	37.4	40.0	40.8	39.2	40.2	39.9	38.2	36.6	36.5	
July.....	41.1	41.8	38.6	37.1	39.8	40.6	39.3	40.7	40.4	38.4	36.6	37.0	
August.....	41.8	42.6	38.5	36.8	39.6	40.5	39.2	40.3	39.8	38.3	36.0	37.2	
September.....	42.6	43.0	39.1	37.5	39.9	41.4	39.8	41.1	40.5	40.3	39.1	36.8	
October.....	43.1	43.7	38.6	37.5	39.5	41.7	39.9	41.0	40.3	39.4	37.3	36.5	
November.....	43.0	43.6	38.6	37.2	39.3	41.5	40.0	40.0	40.0	38.4	36.9	35.1	
December.....	42.9	43.6	39.3	38.1	40.3	41.6	40.2	39.8	39.7	39.2	37.3	37.1	
Monthly average.....	41.7	42.4	38.7	37.3	39.7	41.0	39.5	40.4	40.2	38.3	36.4	36.6	
1950													
January.....	42.2	43.0	38.5	36.5	40.0	41.3	40.3	40.7	40.7	39.4	38.4	37.7	
February.....	42.5	43.4	38.2	36.3	39.3	41.1	40.0	39.8	39.6	39.2	38.3	38.1	
March.....	42.6	43.4	38.8	36.8	39.6	41.1	40.0	39.7	39.6	39.3	37.4	37.9	
April.....	42.3	43.2	38.6	37.1	39.4	41.2	40.1	40.8	40.5	40.0	39.0	35.8	
May.....	42.3	43.2	38.7	37.3	39.8	41.2	40.5	40.6	39.9	41.2	41.1	35.4	
June.....	43.0	43.8	38.7	37.2	39.6	41.4	40.8	41.0	40.2	41.4	40.6	37.2	
July.....	43.3	44.0	38.5	36.6	39.6	41.2	40.7	41.6	41.0	41.2	40.4	38.1	
August.....	44.0	44.6	38.9	36.5	40.1	41.6	40.7	40.6	39.4	41.8	40.8	39.2	
September.....	44.0	44.3	39.2	36.9	40.6	41.8	40.8	41.7	41.2	41.9	40.9	38.1	
October.....	44.0	44.5	39.0	36.8	39.9	42.0	40.9	41.6	41.1	41.9	40.2	37.8	
November.....	44.1	44.4	39.2	37.2	40.1	42.0	41.2	41.2	40.7	41.5	40.1	37.5	
December.....	44.5	44.9	39.8	38.1	41.0	42.1	41.2	41.2	40.7	41.6	39.9	38.3	
Monthly average.....	43.3	43.9	38.8	36.9	39.9	41.5	40.6	40.9	40.4	40.9	39.8	37.6	

For footnotes giving source of data and description of series, see p.217.

EMPLOYMENT AND POPULATION—LABOR CONDITIONS—Continued

YEAR AND MONTH	AVERAGE WEEKLY HOURS PER WORKER, NONMANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹															
	Mining					Contract construction			Transportation and public utilities				Trade			
	Metal ²	Anthracite	Bituminous coal	Crude-petroleum and natural-gas production ³	Non-metallic mining and quarrying	Total	Non-building construction	Building construction	Local rail-ways and bus lines	Tele-phone ⁴	Tele-graph ⁵	Gas and electric utilities	Wholesale ⁶	Retail		
														General-merchandise stores	Food and liquor stores	Auto-motive and accessories dealers
Hours																
1935 monthly average ..	38.7	31.7	26.4	36.1	34.9	.....	.....	30.1	.....	.....	.....	.....	.....	39.0	.....	.....
1936 monthly average ..	42.0	30.8	28.8	38.2	41.4	.....	.....	32.8	.....	.....	.....	.....	.....	40.8	.....	.....
1937 monthly average ..	43.8	28.8	27.9	39.7	41.6	.....	.....	33.4	.....	38.8	.....	.....	.....	39.8	.....	.....
1938 monthly average ..	38.8	25.3	23.5	39.7	38.6	.....	.....	32.1	.....	38.9	.....	.....	42.2	39.4	.....	.....
1939 monthly average ..	40.9	27.7	27.1	38.3	39.2	.....	.....	32.6	.....	39.1	.....	.....	41.7	38.8	.....	47.6
1940 monthly average ..	41.4	27.2	28.1	37.8	39.3	.....	.....	33.1	.....	39.5	.....	.....	41.2	38.7	.....	47.4
1941 monthly average ..	41.7	28.1	31.1	37.9	41.8	.....	.....	34.8	.....	40.1	.....	.....	41.0	38.7	.....	47.1
1942 monthly average ..	43.6	33.7	32.9	39.0	43.7	.....	.....	36.4	.....	40.5	.....	.....	41.3	38.0	.....	47.7
1943 monthly average ..	44.3	37.5	36.6	42.6	46.0	.....	.....	38.4	.....	41.9	46.1	.....	42.2	36.7	.....	47.3
1944 monthly average ..	44.2	40.7	43.4	45.4	46.3	.....	.....	39.6	.....	42.3	45.9	.....	42.9	36.6	.....	46.6
1945 monthly average ..	44.0	39.2	42.3	45.2	46.6	.....	.....	39.0	.....	41.7	45.5	.....	42.7	36.5	.....	46.2
1946 monthly average ..	40.5	38.3	41.6	40.5	45.4	^a 38.4	^a 40.5	38.1	.....	39.4	44.2	.....	41.8	36.6	.....	46.3
1947																
January.....	41.3	39.1	46.7	41.0	43.1	37.9	39.0	37.6	47.0	38.4	43.8	41.9	^b 41.0	36.0	40.4	45.5
February.....	41.9	35.1	43.5	40.1	42.9	37.4	39.9	36.9	47.5	38.0	44.0	41.7	40.8	35.9	40.6	45.5
March.....	41.5	39.7	43.7	39.3	43.5	38.3	39.3	38.0	47.2	37.8	43.7	41.0	40.7	35.8	40.5	45.3
April.....	41.7	32.3	36.2	40.5	44.9	37.5	39.0	37.1	47.3	27.8	47.2	42.1	41.0	35.9	40.3	45.4
May.....	42.3	37.2	44.2	40.5	45.9	38.0	39.7	37.6	47.5	31.6	45.9	41.5	41.1	35.9	40.4	45.5
June.....	42.6	39.2	43.6	41.6	45.6	38.2	40.0	37.6	47.2	37.6	44.7	42.1	41.5	37.0	41.2	46.0
July.....	41.5	37.0	32.0	40.6	45.4	38.4	40.3	38.0	46.7	38.4	44.7	41.9	40.8	37.5	41.7	45.2
August.....	41.4	38.5	38.7	40.1	46.0	38.6	40.2	36.2	46.9	28.7	44.7	42.3	41.0	37.1	41.8	45.4
September.....	41.4	38.2	39.1	40.1	46.0	38.3	40.2	37.9	46.2	39.2	44.5	41.9	41.1	36.2	40.8	45.3
October.....	42.1	40.1	39.9	40.1	46.5	38.5	40.3	38.1	45.9	39.3	44.7	42.3	41.1	36.0	40.3	45.7
November.....	41.6	36.2	38.5	40.7	45.0	36.9	38.2	36.6	45.7	39.4	43.9	42.2	41.1	35.6	40.2	45.2
December.....	42.5	38.4	40.9	39.4	44.7	38.0	38.4	37.9	46.6	38.9	43.8	42.2	41.2	36.9	40.4	45.5
Monthly average.....	41.8	37.7	40.7	40.3	45.0	38.0	39.5	37.6	46.8	37.4	44.6	41.9	41.0	36.3	40.7	45.4
1948																
January.....	42.5	41.1	40.8	40.2	42.9	37.3	38.1	37.1	46.0	38.9	44.4	42.5	40.8	36.5	40.3	45.0
February.....	42.9	36.2	38.7	40.9	42.3	36.7	37.8	36.4	46.9	38.6	44.4	42.4	41.0	36.4	40.4	45.4
March.....	42.4	40.3	40.4	39.5	43.6	37.3	38.8	36.9	46.6	38.7	44.3	41.6	40.7	36.1	40.2	45.3
April.....	42.2	32.1	27.4	39.9	44.1	37.7	40.2	36.7	46.1	38.9	44.0	41.7	40.8	36.2	39.9	45.4
May.....	42.9	39.4	40.3	40.1	45.0	37.8	39.8	37.0	46.4	39.4	44.9	41.6	40.9	36.1	39.9	45.4
June.....	42.5	39.9	39.6	39.4	45.1	38.9	41.7	37.9	47.0	39.5	45.0	41.6	40.8	36.7	40.6	45.5
July.....	40.5	31.8	33.4	40.1	44.8	38.9	41.8	37.8	46.5	39.8	45.6	41.6	40.8	37.6	41.3	45.2
August.....	43.1	38.3	39.0	41.5	46.1	39.1	42.3	37.8	46.5	39.4	45.5	41.9	40.9	37.4	41.3	45.8
September.....	41.6	36.6	37.6	39.6	45.0	38.9	42.4	37.6	45.6	39.4	44.8	41.6	40.9	36.3	40.3	45.3
October.....	42.5	38.7	39.2	39.7	45.7	38.6	42.1	37.3	45.7	39.5	44.4	41.7	40.9	36.0	40.0	45.4
November.....	42.4	33.4	37.2	39.6	44.4	37.1	39.1	36.4	45.6	39.4	44.4	41.7	40.9	35.8	39.8	45.2
December.....	43.0	34.0	39.0	40.0	44.3	38.5	40.7	37.8	45.9	38.7	44.1	41.8	41.0	37.5	40.2	45.4
Monthly average.....	42.4	36.8	38.0	40.0	44.5	38.1	40.6	37.3	46.1	39.2	44.7	41.8	40.9	36.6	40.3	45.4
1949																
January.....	42.1	36.0	39.2	41.1	42.7	37.5	39.5	37.0	45.1	38.4	44.3	41.8	40.8	36.5	39.8	45.4
February.....	42.4	26.1	37.9	39.8	42.3	37.3	39.7	36.5	45.1	38.6	44.5	41.4	40.5	36.3	40.0	45.5
March.....	43.3	25.0	36.4	39.6	42.5	36.9	39.5	36.1	45.2	38.3	44.7	41.5	40.6	36.1	39.7	45.7
April.....	42.6	30.6	37.4	39.9	43.3	37.3	40.1	36.4	45.2	38.2	45.3	41.3	40.6	36.6	40.0	45.7
May.....	42.2	34.1	37.5	40.6	44.3	36.5	41.7	37.2	44.9	38.6	45.2	41.3	40.7	36.3	39.7	45.8
June.....	40.6	23.4	30.7	39.7	43.8	38.5	41.9	37.1	46.0	^c 38.4	45.0	41.3	40.6	36.8	40.4	45.5
July.....	39.4	35.0	25.1	40.3	43.4	38.6	42.2	37.1	45.1	38.5	45.4	41.3	40.8	37.2	41.1	45.6
August.....	39.5	23.4	26.1	40.1	44.3	38.7	42.4	37.2	44.7	38.4	45.1	41.4	40.7	37.2	41.0	45.6
September.....	39.6	31.8	27.0	40.4	43.2	37.7	40.9	36.5	44.3	38.6	44.5	41.4	40.7	36.6	40.2	45.5
October.....	40.1	39.2	31.9	41.2	44.2	38.3	41.8	36.9	44.2	38.7	44.5	41.7	40.9	36.4	40.3	45.9
November.....	35.7	35.7	34.1	40.0	42.7	37.1	39.9	36.1	44.1	38.8	43.7	41.5	40.6	36.3	40.1	45.6
December.....	41.6	22.0	25.4	40.0	42.4	36.4	38.3	35.8	44.5	38.4	43.7	41.8	40.9	38.1	40.3	45.8
Monthly average.....	40.9	30.2	32.6	40.2	43.3	37.8	40.9	36.7	44.9	38.5	44.7	41.5	40.7	36.7	40.2	45.6
1950																
January.....	42.0	23.9	24.5	41.8	41.4	35.2	37.4	34.8	44.2	38.5	44.1	41.7	40.6	36.9	40.0	45.8
February.....	41.9	20.6	25.4	40.0	41.4	34.3	37.8	33.7	44.4	38.6	44.1	41.4	40.3	36.8	40.1	45.3
March.....	41.1	41.5	39.2	39.8	41.6	35.1	38.7	34.5	44.4	38.5	44.1	41.2	40.3	36.5	40.0	45.8
April.....	41.6	29.0	36.0	41.2	43.6	36.6	40.9	35.6	44.5	38.7	44.6	41.3	40.1	36.1	40.1	45.8
May.....	41.6	34.7	34.1	40.0	44.4	37.3	40.7	36.5	44.8	38.9	45.4	41.3	40.4	36.4	40.1	45.9
June.....	41.6	32.6	34.7	40.0	44.9	38.0	42.0	37.0	45.3	39.1	44.9	41.5	40.6	37.2	40.8	45.9
July.....	41.1	34.8	34.6	41.6	44.6	37.9	41.5	36.9	45.1	39.4	45.0	41.6	40.9	37.7	41.5	45.7
August.....	41.9	33.2	35.5	40.3	45.2	38.6	42.7	37.6	44.8	39.3	45.0	41.5	40.9	37.4	41.5	45.6
September.....	42.2	34.5	35.5	40.5	45.1	37.7	41.5	36.7	45.1	39.6	44.6	41.6	40.7	36.4	40.4	45.6
October.....	43.9	37.2	36.1	41.4	45.8	38.5	42.5	37.4	45.3	39.4	44.8	41.8	40.9	36.3	40.0	45.9
November.....	43.0	31.0	36.4	40.6	44.9	38.0	40.9	37.3	45.6	38.0	44.4	41.8	40.8	36.0	40.0	45.8
December.....	43.9	32.8	38.5	40.2	43.5	37.3	40.2	36.7	46.3	39.1	44.8	42.0	41.2	38.2	40.3	46.0
Monthly average.....	42.2	32.1	35.0	40.6	44.0	37.2	40.9	36.3	45.0	38.9	44.7	41.6	40.7	36.8	40.4	45.7

For footnotes giving source of data and description of series, see p. 217.

EMPLOYMENT AND POPULATION—LABOR CONDITIONS—Continued

YEAR AND MONTH	AVERAGE WEEKLY HOURS PER WORKER, NONMANUFACTURING INDUSTRIES — U.S. DEPARTMENT OF LABOR ¹			INDUSTRIAL DISPUTES (STRIKES AND LOCK-OUTS) ²							EMPLOYMENT SECURITY OPERATIONS				
	Service			Beginning in month		In effect during month		Man-days idle during month as a percent of available working time	Man-days idle during month as a percent of available working time	U. S. Employment Service, nonagricultural placements ⁴	Unemployment compensation ⁵				
	Hotels, year-round ²	Laundries	Cleaning and dyeing plants ²	Work stoppages	Workers involved	Work stoppages	Workers involved				Initial claims	Continued claims	Benefit payments		
													Beneficiaries, weekly average	Amount of payments	
															Thous. of dollars
Hours	Number	Thousands	Number	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1935 monthly average ..	40.7	41.7	168	93	1,288	0.29	355	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	42.5	42.8	181	66	1,158	.21	404	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	42.9	42.7	395	155	2,369	.43	262	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	46.8	42.0	231	57	762	.15	221	797	3,816	758	32,815	178	.....	.....	.....
1939 monthly average ..	47.1	42.7	218	98	1,484	.28	346	814	4,711	8718	935,775	.....	.....	.....	.....
1940 monthly average ..	46.3	43.0	209	48	558	.10	305	928	5,556	982	1043,225	.....	.....	.....	.....
1941 monthly average ..	45.6	43.3	357	197	1,921	.32	450	711	3,528	621	1128,693	.....	.....	.....	.....
1942 monthly average ..	45.3	43.3	247	70	349	.05	577	527	2,813	541	128,674	.....	.....	.....	.....
1943 monthly average ..	44.7	44.0	313	165	1,125	.15	783	157	639	115	136,637	.....	.....	.....	.....
1944 monthly average ..	44.5	43.8	413	176	727	.09	954	125	457	79	5,199	.....	.....	.....	.....
1945 monthly average ..	44.2	43.4	396	289	3,169	.47	817	504	2,553	467	37,155	.....	.....	.....	.....
1946 monthly average ..	43.9	43.2	415	383	149,667	1.43	460	819	5,611	1,161	91,238	.....	.....	.....	.....
1947															
January.....	44.7	43.3	321	105	1,340	0.19	366	1,011	4,932	964	74,760	.....	.....	.....	.....
February.....	45.9	42.6	296	75	1,230	.19	348	731	4,487	933	65,910	.....	.....	.....	.....
March.....	46.0	42.7	361	96	1,100	.16	391	739	4,684	943	71,545	.....	.....	.....	.....
April.....	45.9	42.9	479	624	706	675	419	1,020	4,833	946	71,569	.....	.....	.....	.....
May.....	46.0	42.8	471	230	781	696	442	1,166	4,802	958	72,295	.....	.....	.....	.....
June.....	46.2	43.1	379	448	701	597	453	878	4,905	974	73,559	.....	.....	.....	.....
July.....	45.0	42.7	315	242	581	615	454	942	5,219	1,011	76,534	.....	.....	.....	.....
August.....	45.0	42.2	336	113	583	259	484	623	4,296	884	66,804	.....	.....	.....	.....
September.....	44.1	42.6	219	79	435	187	546	565	3,742	780	59,258	.....	.....	.....	.....
October.....	44.0	42.4	219	64	393	171	528	617	3,359	688	52,782	.....	.....	.....	.....
November.....	44.6	41.9	178	57	328	139	451	602	2,848	541	41,677	.....	.....	.....	.....
December.....	44.6	42.5	119	32	236	57	397	830	3,700	679	52,203	.....	.....	.....	.....
Monthly average.....	45.2	42.6	308	181	2,883	.41	440	810	4,321	858	64,680	.....	.....	.....	.....
1948															
January.....	43.9	42.2	221	78	1,050	0.14	374	947	4,042	774	59,209	.....	.....	.....	.....
February.....	44.9	41.8	256	93	913	.13	344	883	4,244	846	60,730	.....	.....	.....	.....
March.....	44.2	42.0	271	494	552	.80	413	878	4,865	979	76,573	.....	.....	.....	.....
April.....	44.4	42.4	319	174	496	621	458	1,046	4,637	930	73,574	.....	.....	.....	.....
May.....	44.4	42.0	339	168	553	344	482	1,015	4,259	838	66,432	.....	.....	.....	.....
June.....	44.3	42.2	349	169	565	243	524	923	4,614	893	71,940	.....	.....	.....	.....
July.....	44.2	42.2	394	218	614	307	478	839	4,294	823	67,630	.....	.....	.....	.....
August.....	44.8	41.1	355	143	603	232	509	706	4,002	786	64,562	.....	.....	.....	.....
September.....	43.9	41.8	299	158	553	267	551	680	3,591	721	59,797	.....	.....	.....	.....
October.....	44.1	41.5	256	110	468	194	422	724	3,306	659	55,435	.....	.....	.....	.....
November.....	44.2	41.7	216	111	388	189	492	956	3,953	731	62,151	.....	.....	.....	.....
December.....	44.2	42.0	144	41	283	93	339	1,323	5,175	939	79,966	.....	.....	.....	.....
Monthly average.....	44.3	41.9	285	163	2,842	.37	449	910	4,248	821	66,080	.....	.....	.....	.....
1949															
January.....	44.1	42.1	274	7	726	0.10	308	1,554	6,543	1,213	103,011	.....	.....	.....	.....
February.....	44.0	41.5	239	78	675	.10	276	1,300	7,111	1,468	115,268	.....	.....	.....	.....
March.....	44.5	41.5	289	490	436	.45	327	1,458	8,754	1,786	152,204	.....	.....	.....	.....
April.....	44.2	41.8	360	160	531	208	363	1,800	7,886	1,598	136,558	.....	.....	.....	.....
May.....	44.7	42.4	449	231	678	309	403	1,662	8,366	1,718	146,712	.....	.....	.....	.....
June.....	44.1	41.6	377	572	632	673	400	1,522	8,778	1,809	154,695	.....	.....	.....	.....
July.....	44.1	41.5	343	110	603	249	369	1,383	7,467	1,717	148,767	.....	.....	.....	.....
August.....	44.2	40.8	365	134	643	232	452	1,252	8,353	1,952	170,629	.....	.....	.....	.....
September.....	44.1	41.2	287	507	536	603	466	1,013	7,084	1,744	154,079	.....	.....	.....	.....
October.....	44.2	41.1	256	570	475	977	416	1,363	8,363	1,527	135,707	.....	.....	.....	.....
November.....	44.0	40.9	197	57	388	914	350	1,545	7,584	1,698	152,170	.....	.....	.....	.....
December.....	43.8	41.2	170	46	323	417	312	1,630	8,259	1,889	170,580	.....	.....	.....	.....
Monthly average.....	44.2	41.5	301	253	4,208	.59	370	1,457	7,879	1,677	145,032	.....	.....	.....	.....
1950															
January.....	43.9	41.5	248	170	2,730	0.40	305	1,725	9,000	2,078	186,383	.....	.....	.....	.....
February.....	43.8	40.8	206	57	8,590	1.39	289	1,240	8,068	2,027	167,212	.....	.....	.....	.....
March.....	43.8	41.0	298	85	3,870	.51	368	1,294	8,261	2,098	187,215	.....	.....	.....	.....
April.....	44.0	41.0	407	159	2,280	.49	406	1,543	6,656	1,559	138,969	.....	.....	.....	.....
May.....	44.1	41.7	485	354	3,270	.44	489	1,367	6,702	1,567	136,778	.....	.....	.....	.....
June.....	43.8	42.0	483	278	2,630	.34	494	1,104	5,827	1,388	119,430	.....	.....	.....	.....
July.....	43.8	41.5	463	224	2,750	.39	486	971	5,115	1,158	99,714	.....	.....	.....	.....
August.....	44.0	40.6	635	346	2,666	.32	624	641	4,424	1,983	89,681	.....	.....	.....	.....
September.....	43.8	41.3	521	270	3,510	.48	618	558	3,293	806	64,458	.....	.....	.....	.....
October.....	44.0	41.0	550	197	2,590	.32	612	720	3,141	652	57,533	.....	.....	.....	.....
November.....	43.6	40.8	329	200	2,050	.27	515	907	3,520	734	62,389	.....	.....	.....	.....
December.....	43.9	41.2	218	61	912	.12	421	1,051	3,873	832	66,969	.....	.....	.....	.....
Monthly average.....	43.9	41.2	404	201	3,233	.44	469	1,093	5,657	1,305	114,452	.....	.....	.....	.....

For footnotes giving source of data and description of series, see pp. 217, 218.

EMPLOYMENT AND POPULATION—LABOR CONDITIONS AND WEEKLY EARNINGS

YEAR AND MONTH	EMPLOYMENT SECURITY OPERATIONS				LABOR TURN-OVER IN MANUFACTURING ESTABLISHMENTS ²							AVERAGE WEEKLY EARNINGS, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ³					
	Veterans' unemployment allowances ¹				Accession rate	Separation rate					All manufacturing	Durable-goods industries					
	Initial claims	Continued claims		Amount of payments		Total	Discharge	Lay-off	Quit	Miscellaneous, including military		Total	Ordinance	Lumber and wood products (except furniture) ⁴		Furniture and fixtures ⁵	
		Total	Filed during last week of month ²											Total	Sawmills and planing mills		
Thousands				Thous. of dollars	Monthly rate per 100 employees						Dollars						
1935 monthly average ..	.....	.....	.....	.....	4.2	3.6	0.2	2.5	0.9	(0)	20.13	21.52	.....	.....	14.41	.....	
1936 monthly average ..	.....	.....	.....	.....	4.4	3.4	.2	2.1	0.1	(0)	21.78	24.04	.....	.....	17.18	.....	
1937 monthly average ..	.....	.....	.....	.....	3.5	4.4	.2	3.0	0.3	(0)	24.05	26.91	.....	.....	18.97	.....	
1938 monthly average ..	.....	.....	.....	.....	3.9	4.1	.1	3.4	0.6	(0)	22.30	24.01	.....	.....	18.01	.....	
1939 monthly average ..	.....	.....	.....	.....	4.1	3.1	.1	2.2	0.8	(0)	23.86	26.50	.....	.....	19.06	19.95	
1940 monthly average ..	.....	.....	.....	.....	4.4	3.4	.2	2.2	.9	0.1	25.20	28.44	.....	.....	19.69	20.67	
1941 monthly average ..	.....	.....	.....	.....	5.4	3.9	.3	1.3	2.0	.4	29.58	34.04	.....	22.22	21.48	23.78	
1942 monthly average ..	.....	.....	.....	.....	7.6	6.5	.4	1.1	3.8	1.3	36.65	42.73	.....	26.47	25.58	27.36	
1943 monthly average ..	.....	.....	.....	.....	7.5	7.3	.6	.6	5.2	.9	43.14	49.30	.....	31.73	30.68	32.75	
1944 monthly average ..	716	758	.....	71,028	6.1	6.8	.6	.6	5.1	.5	46.08	52.07	.....	34.19	33.18	36.05	
1945 monthly average ..	135	524	.....	19,580	6.3	8.3	.6	2.3	5.1	.3	44.39	49.05	.....	33.80	32.61	36.68	
1946 monthly average ..	657	6,187	1,379	124,274	6.7	6.1	.4	1.2	4.3	.2	43.82	46.49	.....	36.53	35.21	39.22	
1947																	
January.....	638	5,242	1,168	106,683	6.0	4.9	.4	.9	3.5	.1	47.78	49.74	51.75	542.26	542.15	543.87	
February.....	444	4,504	1,149	88,401	5.0	4.5	.4	.8	3.2	.1	47.83	49.69	52.00	44.54	44.80	44.14	
March.....	397	4,424	1,001	89,100	5.1	4.9	.4	.9	3.5	.1	48.28	50.31	52.16	44.04	44.28	44.16	
April.....	373	3,913	850	78,868	5.1	5.2	.4	1.0	3.7	.1	48.32	50.55	51.70	45.18	45.25	44.04	
May.....	354	3,173	677	63,763	4.8	5.4	.4	1.4	3.5	.1	49.20	51.72	53.24	47.31	47.95	44.60	
June.....	493	3,021	733	58,542	5.5	4.7	.4	1.1	3.1	.1	50.13	53.03	53.88	49.30	50.48	45.28	
July.....	476	3,446	739	66,239	4.9	4.6	.4	1.0	3.1	.1	49.84	52.32	53.77	48.17	48.80	44.12	
August.....	386	3,023	715	59,521	5.3	5.3	.4	.8	4.0	.1	50.07	52.60	52.80	50.24	51.43	44.94	
September.....	315	2,663	528	53,336	5.9	5.9	.4	.9	4.5	.1	51.31	54.08	55.16	49.80	50.16	46.58	
October.....	289	1,939	419	38,153	5.5	5.0	.4	.9	3.6	.1	51.72	54.68	55.39	49.22	49.74	48.18	
November.....	290	1,609	395	29,554	4.8	4.0	.4	.8	2.7	.1	52.17	54.96	55.55	49.05	49.69	48.13	
December.....	398	2,241	443	40,209	3.6	3.7	.4	.9	2.3	.1	53.48	56.37	57.88	49.48	49.73	49.35	
Monthly average.....	404	3,268	661	64,364	5.1	4.8	.4	1.0	3.4	.1	49.97	52.46	53.74	47.36	47.88	45.64	
1948																	
January.....	437	2,553	628	48,933	4.6	4.3	.4	1.2	2.6	.1	52.86	55.46	54.60	48.41	48.76	48.75	
February.....	374	2,637	651	49,466	3.9	4.2	.4	1.2	2.5	.1	52.58	55.04	54.72	48.88	49.13	48.53	
March.....	355	2,930	604	55,782	4.0	4.5	.4	1.2	2.8	.1	52.92	55.53	56.22	49.30	49.39	48.58	
April.....	299	2,323	522	46,940	4.0	4.7	.4	1.2	3.0	.1	52.56	55.15	56.14	48.19	48.24	47.74	
May.....	244	1,727	390	33,535	4.1	4.3	.3	1.1	2.8	.1	52.83	55.10	56.75	50.54	51.54	47.82	
June.....	358	1,716	385	30,676	5.7	4.5	.4	1.1	2.9	.1	53.87	56.54	57.20	52.49	53.29	48.07	
July.....	303	1,720	398	31,626	4.7	4.4	.4	1.0	2.9	.1	53.97	56.54	57.96	52.54	53.17	47.72	
August.....	302	1,741	396	32,732	5.0	5.1	.4	1.2	3.4	.1	55.06	58.50	57.44	54.78	55.68	48.64	
September.....	227	1,477	310	29,435	5.1	5.4	.4	1.0	3.9	.1	55.16	58.28	58.83	53.57	53.89	49.69	
October.....	192	1,017	239	19,258	4.5	4.5	.4	1.2	2.8	.1	55.60	59.50	59.28	54.01	54.56	50.92	
November.....	256	1,124	259	20,088	3.9	4.1	.4	1.4	2.2	.1	55.60	59.11	59.50	52.53	52.52	50.02	
December.....	383	1,578	355	27,997	2.7	4.3	.3	2.2	1.7	.1	56.14	59.67	58.62	51.13	51.24	50.76	
Monthly average.....	311	1,879	428	35,539	4.4	4.5	.4	1.3	2.8	.1	54.14	57.11	57.20	51.38	51.83	48.99	
1949																	
January.....	450	2,206	571	39,849	3.2	4.6	.3	2.5	1.7	.1	55.50	58.83	58.08	49.82	50.59	48.34	
February.....	372	2,551	647	47,103	2.9	4.1	.3	2.3	1.4	.1	55.20	58.49	59.22	48.03	48.73	48.99	
March.....	376	3,130	678	60,766	3.0	4.8	.3	2.8	1.6	.1	54.74	57.83	57.90	50.21	50.85	48.87	
April.....	299	2,608	592	50,423	2.9	4.8	.2	2.8	1.7	.1	53.80	57.21	54.13	51.52	52.29	47.60	
May.....	331	2,358	539	44,618	3.5	5.2	.2	3.3	1.6	.1	54.08	57.21	59.32	52.94	53.76	47.59	
June.....	446	2,486	586	45,797	4.4	4.3	.2	2.6	1.5	.1	54.51	57.82	58.72	52.91	53.56	48.36	
July.....	279	2,569	582	48,938	3.5	3.8	.2	2.1	1.4	.1	54.63	57.31	59.64	50.75	51.25	47.86	
August.....	52	936	113	24,135	4.4	4.0	.3	1.8	1.8	.1	54.70	57.89	58.44	52.87	53.53	49.69	
September.....	31	385	83	8,775	4.1	4.2	.2	1.8	2.1	.1	55.72	58.69	58.76	52.83	53.35	50.72	
October.....	31	265	62	5,467	3.7	4.1	.2	2.3	1.5	.1	55.26	58.17	59.97	54.17	54.54	51.42	
November.....	29	268	60	5,291	3.3	4.0	.2	2.5	1.2	.1	54.43	56.82	59.82	52.48	52.89	50.72	
December.....	29	280	61	5,474	3.2	3.2	.2	2.0	.9	.1	56.04	59.19	60.85	52.66	52.31	52.60	
Monthly average.....	227	1,670	381	32,219	3.5	4.2	.2	2.4	1.5	.1	54.92	58.03	58.76	51.72	52.37	49.48	
1950																	
January.....	29	289	66	5,753	3.6	3.1	.2	1.7	1.1	.1	56.29	59.40	60.70	48.02	47.38	51.13	
February.....	23	258	63	5,069	3.2	3.0	.2	1.7	1.0	.1	56.37	59.47	60.88	50.55	50.59	52.29	
March.....	20	275	58	5,712	3.6	2.9	.2	1.4	1.2	.1	56.53	59.74	61.31	52.24	51.85	52.17	
April.....	14	187	43	3,838	3.5	2.8	.2	1.2	1.3	.1	56.93	61.01	61.43	53.36	53.10	51.67	
May.....	14	160	33	3,185	4.4	3.1	.3	1.1	1.6	.1	57.54	61.57	61.66	54.38	54.19	51.50	
June.....	18	128	27	2,526	4.8	3.0	.3	.9	1.7	.1	58.85	62.86	61.90	56.28	56.08	52.50	
July.....	13	112	25	2,209	4.7	2.9	.3	.6	1.8	.2	59.21	63.01	64.92	56.27	55.95	52.03	
August.....	9	92	19	1,988	6.6	4.2	.4	.6	2.9	.3	60.32	64.33	66.12	58.30	57.95	54.87	
September.....	5	55	10	1,126	5.7	4.9	.4	.7	3.4	.4	60.64	65.14	67.41	57.84	57.69	55.42	
October.....	4	30	6	629	5.2	4.3	.4	.8	2.7	.4	61.99	66.39	68.64	58.83	58.56	56.27	
November.....	5	24	5	487	4.0	3.8	.3	1.1	2.1	.3	62.23	66.34	70.53	57.03	56.53	56.87	
December.....	5	25	6	464	3.0	3.6	.3	1.3	1.7	.3	63.88	68.32	68.34	57.59	56.83	56.77	
Monthly average.....	13	136	30	2,749	4.4	3.5	.3	1.1	1.9	.2	59.33	63.32	64.79	55.31	54.95	53.67	

For footnotes giving source of data and description of series, see pp. 218, 219.

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EMPLOYMENT AND POPULATION—WEEKLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE WEEKLY EARNINGS, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹															
	Durable-goods industries															
	Stone, clay, and glass products		Primary metal industries			Fabricated metal products (except ordnance, machinery, and transportation equipment)		Machinery (except electrical)	Electrical machinery	Transportation equipment					Instruments and related products	Miscellaneous manufacturing industries
										Total	Auto-mobiles ²	Air-craft and parts	Ship and boat building and repairing	Rail-road equipment		
Total ²	Glass and glass products	Total	Blast furnaces, steel works, and rolling mills	Primary smelting and refining of non-ferrous metals ²	Total	Heating apparatus (except electrical) and plumbers' supplies			Total							
Dollars																
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.41	.....	24.77	.....	.....	.....	
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.75	.....	27.35	.....	.....	.....	
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	31.94	.....	30.51	.....	.....	.....	
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.45	.....	30.91	.....	.....	.....	
1939 monthly average ..	23.94	.....	.....	29.88	26.67	.....	.....	29.27	27.09	32.91	.....	31.91	.....	.....	.....	
1940 monthly average ..	24.45	.....	.....	31.49	27.98	.....	.....	31.87	29.38	35.76	.....	34.81	.....	.....	.....	
1941 monthly average ..	27.44	.....	.....	37.18	31.67	.....	.....	38.34	35.04	41.25	.....	44.59	.....	.....	.....	
1942 monthly average ..	31.29	.....	.....	41.67	37.90	.....	.....	47.28	41.94	51.94	.....	55.99	.....	.....	.....	
1943 monthly average ..	36.25	.....	.....	49.77	46.07	.....	.....	52.37	45.53	56.94	.....	60.84	.....	.....	.....	
1944 monthly average ..	39.07	.....	.....	54.02	48.80	.....	.....	54.63	47.76	57.82	.....	63.84	.....	.....	.....	
1945 monthly average ..	39.98	.....	.....	52.44	48.98	.....	.....	52.24	46.43	51.99	.....	61.72	.....	.....	.....	
1946 monthly average ..	42.32	.....	.....	48.25	47.49	.....	.....	50.12	45.64	50.22	.....	52.34	.....	.....	.....	
1947																
January.....	46.67	47.83	51.82	50.90	49.45	49.69	50.92	53.21	48.52	54.98	54.96	53.60	57.24	54.30	47.10	45.57
February.....	46.12	47.19	51.40	50.70	49.69	49.33	50.05	53.41	48.04	54.37	54.19	53.97	55.33	54.86	47.14	45.60
March.....	47.26	48.68	52.45	51.70	50.31	49.90	50.95	53.83	48.92	54.75	55.00	53.73	56.32	53.13	48.47	45.79
April.....	47.39	49.08	52.89	52.94	50.72	50.06	51.40	54.46	48.36	54.47	54.45	53.20	57.04	53.34	48.56	45.77
May.....	47.85	48.62	55.28	56.51	52.37	51.16	51.58	55.27	49.95	55.54	55.81	53.09	57.28	56.50	48.44	46.07
June.....	49.43	50.08	56.80	58.44	53.84	52.01	52.34	56.48	51.47	56.64	57.24	53.43	57.65	57.36	49.33	45.82
July.....	48.96	48.99	54.98	55.83	53.35	51.89	52.09	55.95	51.90	56.25	56.29	55.12	56.87	58.12	48.33	44.88
August.....	49.73	50.10	55.96	58.40	53.12	51.58	50.32	55.51	51.44	55.71	55.46	56.00	56.77	56.11	48.45	45.50
September.....	50.31	51.31	57.26	58.82	55.55	53.65	54.42	57.35	53.34	58.24	59.04	55.41	57.52	58.93	50.04	47.37
October.....	51.17	52.18	57.76	58.80	54.32	54.59	56.27	57.84	53.89	59.50	60.16	57.17	59.19	59.88	50.69	48.25
November.....	51.75	54.61	58.19	59.57	55.41	54.87	56.43	58.08	54.00	59.46	61.25	56.41	59.34	51.23	48.78	45.90
December.....	51.88	53.31	59.09	60.07	55.18	56.49	58.31	59.54	55.22	63.11	64.74	58.43	61.69	61.76	51.81	50.27
Monthly average.....	49.07	50.13	55.24	56.12	52.73	52.06	52.85	55.89	51.26	56.87	57.45	54.98	57.34	57.06	49.17	46.63
1948																
January.....	50.54	51.40	59.12	60.55	55.56	55.44	55.49	58.96	54.40	60.45	60.47	57.37	64.48	60.72	52.04	49.20
February.....	50.57	52.32	58.55	59.68	55.47	54.84	56.52	58.71	54.18	58.98	58.91	57.83	61.11	59.84	52.08	49.84
March.....	51.74	53.94	58.88	59.72	55.04	55.00	56.24	59.30	54.03	59.84	59.75	58.51	61.94	61.44	52.32	49.36
April.....	52.11	53.41	57.68	58.32	55.91	54.93	56.06	59.30	53.63	59.61	59.02	59.64	61.75	61.96	52.39	49.28
May.....	52.90	53.13	58.91	60.41	56.72	55.20	56.24	59.43	53.46	56.39	54.38	59.84	60.17	61.42	52.27	49.41
June.....	53.14	52.92	59.48	60.56	57.46	55.87	56.82	60.71	54.50	60.68	60.96	60.19	59.67	61.45	53.67	49.90
July.....	52.40	50.79	59.61	60.33	58.20	55.84	56.99	59.66	55.24	61.92	63.22	60.18	59.44	59.40	53.81	48.27
August.....	54.98	54.79	62.84	65.07	60.79	57.83	58.11	61.42	56.94	63.43	64.57	61.88	59.08	63.12	54.24	49.94
September.....	54.82	55.61	63.48	65.83	61.88	57.02	57.34	61.54	57.40	61.97	62.42	63.55	58.57	59.97	54.79	50.55
October.....	56.01	56.92	64.51	66.66	61.08	59.20	60.82	62.43	57.93	64.85	65.75	64.40	60.61	63.92	54.49	51.05
November.....	55.18	55.91	64.08	66.16	59.95	59.10	59.36	62.02	57.91	64.27	65.22	65.04	56.11	64.51	54.90	51.33
December.....	55.72	57.45	64.12	65.87	61.01	59.57	59.58	62.80	58.10	66.21	66.82	64.79	63.34	68.89	55.24	51.78
Monthly average.....	53.46	54.06	61.03	62.41	58.22	56.68	57.53	60.52	55.66	61.58	61.86	61.21	60.68	62.24	53.45	50.06
1949																
January.....	54.50	57.30	63.72	66.24	61.91	58.23	55.97	61.72	57.01	66.23	67.74	63.18	63.30	66.50	55.36	50.77
February.....	55.02	58.53	63.16	65.64	61.16	57.72	54.94	61.57	57.02	65.79	66.91	64.52	61.99	65.53	55.28	50.86
March.....	54.18	56.97	61.70	64.90	61.09	57.35	55.57	60.85	56.50	63.19	62.96	63.41	62.98	64.76	55.18	50.17
April.....	53.37	55.39	60.83	64.69	61.95	56.19	53.99	59.55	55.59	63.58	64.77	60.99	62.50	62.42	54.51	48.95
May.....	53.90	56.81	60.08	63.24	61.05	56.67	54.61	59.70	55.99	63.03	63.22	62.98	61.61	63.39	54.83	48.83
June.....	53.58	55.98	59.82	62.21	60.71	57.39	54.72	59.94	56.16	65.49	66.94	62.94	62.82	62.71	54.61	49.72
July.....	52.94	55.22	58.63	59.88	59.00	57.61	54.85	59.67	56.00	66.27	68.67	62.08	61.94	60.32	54.37	48.75
August.....	54.17	56.08	59.45	61.33	58.39	58.13	57.63	59.86	56.73	65.90	67.78	62.07	60.05	62.05	54.25	48.51
September.....	54.73	55.89	60.42	62.07	59.24	59.25	59.56	60.44	57.88	67.13	69.33	63.58	61.00	61.84	55.26	50.57
October.....	55.51	57.04	58.35	55.90	59.87	58.51	61.23	60.21	57.97	64.75	65.87	63.67	59.11	62.49	56.08	51.44
November.....	55.28	57.19	57.48	56.48	58.43	56.88	59.32	59.21	57.36	61.92	61.03	66.69	56.97	63.16	56.52	51.70
December.....	55.65	58.16	62.92	64.65	59.60	59.66	60.39	61.30	58.63	65.31	65.44	66.41	62.86	63.39	56.84	52.23
Monthly average.....	54.45	56.71	60.78	63.04	60.36	57.82	57.04	60.44	56.96	64.95	65.97	63.62	61.67	63.54	55.28	50.23
1950																
January.....	55.32	59.31	63.79	65.83	62.07	59.93	59.23	61.57	58.44	68.12	70.14	65.20	61.46	61.60	56.49	51.78
February.....	55.56	59.36	63.48	64.81	60.24	59.68	59.59	62.55	58.26	66.58	67.64	65.69	61.16	64.89	56.89	51.62
March.....	55.70	59.35	62.40	61.84	61.13	59.64	60.20	63.34	58.44	67.46	69.08	65.29	62.53	64.21	57.40	51.82
April.....	56.56	59.58	65.00	66.08	61.61	60.56	60.76	64.33	58.71	70.46	73.77	64.96	62.08	64.52	57.52	51.94
May.....	57.28	59.78	65.57	65.86	61.98	60.89	61.30	65.09	59.28	69.62	71.66	65.61	63.21	64.99	58.34	52.47
June.....	58.12	59.74	66.50	66.63	62.54	62.87	62.11	65.69	58.62	72.53	75.76	65.32	62.39	64.56	58.93	52.69
July.....	58.57	60.24	66.95	67.83	62.83	62.55	63.28	66.35	59.44	71.71	74.35	66.54	64.20	64.40	58.98	52.47
August.....	59.40	59.10	67.36	67.37	63.15	64.79	65.53	67.98	60.15	72.87	75.21	68.94	64.84	65.29	61.13	54.87
September.....	60.88	61.31	69.10	69.30	64.44	65.72	66.83	68.94	61.48	72.39	73.81	71.18	62.89	68.72	63.58	64.04
October.....	63.11	65.66	69.81	68.87	66.40	66.66	68.09	71.00	64.12	73.02	75.21	70.18	62.89	69.04	64.77	56.98
November.....	63.66	67.03	70.14	69.03	67.73	66.20	67.27	72.03	64.33	71.78	72.76	71.78	64.47	69.51	65.47	57.01
December.....	63.60	65.89	74.36	75.21	69.47	68.26	68.88	74.20	65.15	75.18	76.28	75.08	66.67	72.52	66.75	57.50
Monthly average.....	59.20	61.58	67.24	67.47	63.71	63.42	63.91	67.21	60.83	71.18	73.25	68.39	63.28	66.33	60.81	54.04

For footnotes giving source of data and description of series, see p. 219.

EMPLOYMENT AND POPULATION—WEEKLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE WEEKLY EARNINGS, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹														
	Nondurable-goods industries														
	Food and kindred products							Textile-mill products			Apparel and other finished textile products				
	Total	Total ²	Meat products	Dairy products	Canning and pre-serving ²	Bakery products ²	Beverages	To-bacco manu-fac-tures ²	Total ²	Broad-woven fabric mills	Knitting mills	Total ²	Men's and boys' suits and coats	Men's and boys' furnishings and work clothing	Women's outer-wear
Dollars															
1935 monthly average ..	19.11	.....	.....	.....	13.72	21.70	.....	14.12	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	19.94	.....	.....	.....	14.14	22.98	.....	14.95	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	21.53	.....	.....	.....	16.76	24.98	.....	16.60	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	21.05	.....	.....	.....	15.86	25.47	.....	16.46	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ..	21.78	24.43	.....	.....	16.77	25.70	.....	16.84	16.84	.....	.....	18.17	.....	.....	.....
1940 monthly average ..	22.27	24.58	.....	.....	16.61	26.32	.....	17.84	17.20	.....	.....	18.37	.....	.....	.....
1941 monthly average ..	24.92	26.30	.....	.....	19.60	27.73	.....	19.27	20.30	.....	.....	20.64	.....	.....	.....
1942 monthly average ..	29.13	30.04	.....	.....	23.62	31.04	.....	22.46	24.31	.....	.....	22.92	.....	.....	.....
1943 monthly average ..	34.12	35.24	.....	.....	27.50	35.46	.....	26.32	27.61	.....	.....	26.97	.....	.....	.....
1944 monthly average ..	37.12	38.48	.....	.....	30.57	38.04	.....	29.94	29.63	.....	.....	30.33	.....	.....	.....
1945 monthly average ..	38.29	39.51	.....	.....	32.07	39.50	.....	31.79	31.08	.....	.....	31.67	.....	.....	.....
1946 monthly average ..	41.02	42.67	.....	.....	37.92	43.35	.....	34.25	35.89	.....	.....	35.62	.....	.....	.....
1947															
January.....	45.23	46.94	56.00	45.72	27.09	44.98	52.58	24.98	29.57	39.35	37.00	41.55	49.79	31.75	52.16
February.....	45.54	46.36	51.89	45.96	37.41	44.34	52.07	33.76	40.66	40.86	37.23	42.22	49.96	31.59	53.76
March.....	45.79	46.12	49.16	45.92	37.90	44.16	52.99	33.63	41.20	41.71	37.45	41.88	49.97	31.45	52.34
April.....	45.42	46.41	50.17	46.28	38.73	43.55	54.39	33.67	40.47	41.03	35.89	38.95	47.42	31.28	46.03
May.....	45.97	47.67	52.55	46.86	39.56	44.90	56.20	34.72	40.29	40.44	36.20	38.70	48.78	31.28	44.40
June.....	46.60	48.96	53.68	48.40	39.63	45.54	58.85	35.04	39.94	40.16	35.61	39.28	48.32	31.39	45.89
July.....	47.00	49.25	56.17	49.02	39.96	45.71	60.62	36.09	39.85	40.23	35.93	40.06	45.99	31.53	48.58
August.....	47.20	50.05	54.00	49.42	46.05	45.68	61.54	35.83	39.94	40.12	37.10	40.26	43.19	31.00	50.52
September.....	48.04	49.75	54.77	48.53	43.66	46.24	62.29	35.79	41.82	41.74	38.47	41.22	46.98	32.08	50.19
October.....	48.36	50.24	54.30	47.69	44.59	46.72	60.44	36.25	42.27	42.15	39.55	42.59	49.46	32.91	50.97
November.....	48.80	50.80	60.08	47.69	38.23	46.25	59.66	35.57	43.95	44.54	40.64	40.70	48.79	32.78	47.16
December.....	49.86	51.28	60.77	48.31	41.31	47.23	57.70	37.29	45.46	45.86	41.29	42.74	50.16	34.35	50.87
Monthly average.....	46.96	48.82	54.58	47.54	41.33	45.41	57.60	35.26	41.26	41.52	37.78	40.84	48.26	31.99	49.60
1948															
January.....	49.56	50.15	56.46	49.28	41.47	46.95	56.94	35.76	45.51	46.11	40.47	43.56	51.12	33.27	54.01
February.....	49.76	49.96	51.78	50.67	42.93	49.20	57.47	33.95	46.10	46.81	40.46	43.60	51.81	33.07	53.96
March.....	49.80	50.01	56.03	50.15	41.25	47.39	57.63	35.42	46.53	47.47	41.58	43.46	52.48	33.82	52.76
April.....	49.50	51.81	66.26	50.83	42.34	47.87	60.20	36.21	45.65	46.46	40.66	41.16	51.46	33.69	46.44
May.....	49.98	52.23	65.33	51.94	41.66	48.82	60.32	35.98	45.62	46.35	40.06	41.00	50.62	33.40	46.50
June.....	50.67	52.70	59.97	52.60	41.61	49.86	62.22	36.76	45.58	46.08	40.69	41.36	49.98	32.83	47.96
July.....	50.85	52.53	58.30	53.41	42.43	49.71	64.73	37.32	44.66	44.85	40.11	42.36	50.01	32.98	51.08
August.....	51.07	50.88	55.47	53.03	40.00	49.61	63.54	37.65	45.36	45.67	41.33	43.98	50.53	33.14	54.42
September.....	51.64	52.41	57.18	53.82	46.05	50.93	64.18	36.75	45.37	45.77	41.39	44.34	50.52	33.49	54.55
October.....	50.91	52.29	56.91	53.42	45.16	50.67	61.24	37.94	45.25	45.58	42.29	41.48	46.68	32.99	48.15
November.....	51.63	53.25	60.19	53.39	39.41	50.24	64.33	37.07	45.49	45.81	42.48	43.24	48.03	33.02	52.98
December.....	51.84	53.84	61.52	53.37	42.45	50.74	62.34	37.50	45.93	46.13	41.65	42.95	48.01	32.50	52.52
Monthly average.....	50.61	51.87	58.37	52.26	42.63	49.35	61.43	36.50	45.59	46.13	41.14	42.79	50.11	33.20	51.49
1949															
January.....	51.35	53.62	59.59	54.34	42.61	49.82	60.90	35.69	44.89	44.79	40.88	43.10	48.07	32.05	53.81
February.....	51.33	53.07	55.70	54.59	43.89	51.28	61.54	34.94	45.01	44.83	41.09	43.87	49.42	32.89	53.84
March.....	51.07	52.80	55.25	53.77	42.89	50.34	62.75	36.21	44.19	43.28	41.39	43.41	50.13	33.82	51.68
April.....	49.67	52.33	54.98	54.10	43.07	51.07	62.29	35.15	42.20	41.08	39.87	39.53	46.30	32.49	45.42
May.....	50.41	53.44	56.17	54.47	43.65	51.61	64.54	36.27	41.91	40.52	40.07	39.94	46.00	33.36	45.61
June.....	50.97	53.62	55.87	55.23	42.63	52.29	65.59	38.67	42.98	42.09	40.73	40.11	43.86	32.76	46.33
July.....	51.55	54.69	58.02	55.71	43.59	52.62	68.79	38.19	43.26	42.87	40.44	41.03	44.93	33.03	48.51
August.....	51.31	53.00	56.87	54.72	44.27	51.83	66.24	38.58	44.37	44.41	41.11	41.95	44.96	32.80	50.40
September.....	52.59	53.63	57.78	55.28	44.79	52.88	64.92	38.39	45.82	45.74	42.22	44.01	47.90	33.87	53.13
October.....	52.47	53.83	56.51	54.76	45.92	52.29	64.40	37.86	47.04	47.52	43.68	42.63	46.20	34.35	49.49
November.....	52.07	54.16	60.23	53.95	41.29	52.12	63.60	38.46	47.20	47.76	43.28	40.38	44.48	33.82	45.80
December.....	52.69	54.57	60.98	54.29	43.26	52.16	63.12	38.76	47.64	48.40	42.34	41.82	46.64	33.82	49.13
Monthly average.....	51.41	53.58	57.44	54.61	43.77	51.67	64.21	37.25	44.83	44.48	41.47	41.89	46.67	33.30	49.69
1950															
January.....	52.91	54.94	60.19	55.67	45.15	52.07	63.52	39.25	47.36	48.16	41.73	42.70	47.72	33.63	50.86
February.....	53.06	54.05	55.99	54.88	44.94	52.96	64.52	38.48	47.88	48.16	43.38	44.48	49.88	35.64	52.63
March.....	53.04	54.42	56.14	54.63	44.79	52.75	65.16	39.49	47.39	47.72	43.55	43.50	50.81	35.62	49.67
April.....	52.17	54.14	55.64	54.79	44.32	52.37	66.38	38.59	45.51	45.81	40.60	40.80	47.46	35.00	46.06
May.....	52.83	54.90	47.10	55.02	45.01	53.12	66.71	39.67	45.63	45.82	40.67	41.27	48.82	35.29	45.57
June.....	53.92	56.01	58.11	55.85	45.94	53.21	68.96	41.59	46.75	46.92	41.85	41.89	48.99	35.55	45.87
July.....	54.73	56.94	59.31	57.21	47.73	53.88	71.11	42.12	47.27	47.52	42.77	43.22	49.22	35.34	49.62
August.....	55.65	56.19	57.92	56.57	47.91	54.34	68.39	43.37	49.33	49.29	45.67	46.06	51.08	37.43	54.01
September.....	55.30	56.36	62.59	56.81	47.18	53.85	67.86	42.02	49.98	49.90	45.63	43.09	47.75	37.18	46.43
October.....	56.58	56.83	61.24	56.74	49.05	54.19	68.14	41.21	52.58	53.17	47.67	45.51	51.77	38.38	50.94
November.....	57.19	58.08	65.49	56.62	48.06	54.47	67.81	42.45	53.19	53.68	47.91	44.50	52.57	38.53	48.37
December.....	58.44	59.85	69.92	57.68	46.82	55.04	68.78	43.72	53.57	54.36	47.24	45.88	55.57	38.59	51.84
Monthly average.....	54.71	56.07	60.07	56.11	46.81	53.54	67.49	41.08	48.95	49.28	44.13	43.68	50.22	36.43	49.41

For footnotes giving source of data and description of series, see p. 219.

EMPLOYMENT AND POPULATION—WEEKLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE WEEKLY EARNINGS, MANUFACTURING INDUSTRIES—U.S. DEPARTMENT OF LABOR ¹												
	Nondurable-goods industries												
	Paper and allied products		Printing, publishing, and allied industries			Chemicals and allied products		Products of petroleum and coal		Rubber products		Leather and leather products	
	Total	Pulp, paper, and paper-board mills	Total ²	News-papers	Commercial printing	Total ²	Industrial organic chemicals	Total ²	Petroleum refining ²	Total ²	Tires and inner tubes	Total ²	Footwear (except rubber) ²
Dollars													
1935 monthly average ..	.....	20.56	.....	.....	.....	.....	.....	.....	27.81	.....	27.01	18.71	17.90
1936 monthly average ..	.....	22.33	.....	.....	.....	.....	.....	.....	29.36	.....	30.72	18.49	17.47
1937 monthly average ..	.....	24.75	.....	.....	.....	.....	.....	.....	33.72	.....	30.08	19.48	18.38
1938 monthly average ..	.....	23.57	.....	.....	.....	.....	.....	.....	34.91	.....	28.11	18.22	17.02
1939 monthly average ..	23.72	24.92	32.42	.....	.....	25.59	.....	32.62	34.97	27.84	33.36	19.13	17.83
1940 monthly average ..	24.48	26.13	33.11	.....	.....	26.80	.....	32.82	34.98	28.24	33.55	19.07	17.85
1941 monthly average ..	27.75	30.08	34.60	.....	.....	30.15	.....	35.96	38.02	32.49	38.28	22.95	21.72
1942 monthly average ..	31.29	34.21	36.67	.....	.....	36.36	.....	41.56	43.99	38.37	45.01	26.49	25.25
1943 monthly average ..	36.02	39.36	40.25	.....	.....	41.53	.....	50.17	53.49	45.94	53.68	29.83	28.18
1944 monthly average ..	38.95	42.41	44.13	.....	.....	43.58	.....	55.19	58.18	49.80	57.84	33.07	31.15
1945 monthly average ..	40.50	43.85	47.22	.....	.....	43.99	.....	55.86	58.39	49.54	56.32	35.05	33.43
1946 monthly average ..	43.47	46.54	52.43	.....	.....	44.34	.....	53.79	56.75	50.32	55.31	37.27	36.16
1947													
January.....	46.92	49.88	57.58	60.44	57.80	248.08	49.82	256.06	257.80	253.53	59.57	239.88	239.06
February.....	47.50	50.80	57.61	61.36	57.54	48.96	51.26	56.64	58.37	53.31	59.65	40.05	38.85
March.....	47.75	50.94	59.11	62.70	59.57	49.50	51.65	57.81	59.78	52.39	57.76	39.74	38.44
April.....	48.05	51.39	59.70	63.52	60.13	49.85	52.18	59.14	61.35	54.55	61.39	39.55	38.11
May.....	48.96	52.57	60.51	65.61	60.11	50.71	52.99	60.43	62.61	54.64	60.95	39.43	37.85
June.....	50.22	54.58	60.58	66.47	60.33	51.42	53.34	61.43	63.72	55.00	61.22	40.25	38.59
July.....	51.22	56.34	60.73	65.76	61.02	51.50	53.33	62.41	64.84	55.03	61.84	40.16	38.56
August.....	50.75	55.87	60.75	66.47	59.71	51.95	53.26	62.30	64.28	55.47	61.95	40.23	38.35
September.....	51.75	56.32	62.67	67.13	61.94	52.71	53.56	63.20	65.53	57.11	64.57	41.65	40.20
October.....	52.28	56.49	62.13	68.30	61.04	52.54	53.57	61.30	62.74	57.12	63.57	42.04	40.52
November.....	53.03	56.79	63.32	69.10	62.96	53.17	54.35	64.19	66.42	57.34	64.61	41.71	40.00
December.....	53.58	57.49	64.48	72.71	64.72	53.89	55.11	64.74	66.90	58.88	65.53	42.39	40.91
Monthly average.....	50.21	54.10	60.75	65.78	60.65	51.13	52.79	60.89	62.95	55.32	61.75	40.61	39.14
1948													
January.....	52.98	57.20	63.64	68.15	64.96	54.34	55.19	65.25	67.68	56.63	62.60	42.45	41.22
February.....	53.41	57.63	64.08	69.56	64.64	54.19	55.29	65.77	68.28	54.35	58.19	42.71	41.40
March.....	53.62	57.99	65.09	71.96	65.00	54.15	55.41	66.18	68.48	53.09	55.61	41.62	40.13
April.....	53.08	57.29	65.79	72.98	65.53	54.52	55.61	66.06	68.66	53.24	56.64	40.29	38.27
May.....	54.27	58.96	66.44	73.78	66.50	55.43	56.24	68.68	71.59	55.28	61.24	39.81	36.91
June.....	55.34	60.16	66.74	74.62	66.62	56.36	57.18	68.58	71.21	57.33	64.15	41.44	39.31
July.....	55.93	61.28	66.65	73.65	66.49	56.79	58.36	71.47	74.64	58.32	66.10	41.55	39.63
August.....	56.76	61.89	67.15	74.22	66.37	57.39	59.58	72.42	75.30	60.33	68.26	42.71	40.77
September.....	56.96	61.82	68.79	76.60	67.82	57.81	60.07	69.13	70.99	59.25	65.57	42.75	41.00
October.....	56.84	61.41	67.76	75.15	66.90	57.56	59.23	73.15	76.13	58.96	64.50	41.50	39.15
November.....	57.27	61.94	68.36	76.76	67.37	57.92	59.93	72.60	75.92	62.66	62.66	40.88	37.87
December.....	56.66	60.79	69.30	79.39	68.58	58.35	60.05	71.59	75.02	57.67	61.20	42.41	40.22
Monthly average.....	55.25	59.88	66.73	74.00	66.33	56.23	57.69	69.23	72.06	56.78	62.16	41.66	39.71
1949													
January.....	55.54	59.91	67.59	74.83	67.77	57.70	59.36	73.29	77.02	56.89	60.72	42.30	40.63
February.....	54.84	58.72	68.32	75.65	67.91	57.81	60.37	70.82	73.89	56.55	60.99	42.83	41.07
March.....	54.45	58.17	69.56	76.72	69.26	57.51	59.69	70.92	74.00	55.43	61.50	42.56	40.96
April.....	53.48	57.35	69.39	78.43	68.42	57.45	59.17	71.26	73.95	55.50	60.92	40.74	38.68
May.....	53.73	57.58	70.40	80.02	69.51	58.20	60.09	72.12	75.21	57.08	63.20	40.05	37.37
June.....	54.54	57.95	70.47	78.73	70.80	59.08	60.56	71.84	74.73	58.29	64.09	41.46	39.24
July.....	55.57	59.65	70.45	78.02	70.05	59.44	61.50	73.59	76.60	58.37	64.45	51.74	39.93
August.....	56.26	60.32	70.69	77.80	69.66	58.77	60.68	72.38	75.10	57.72	62.32	42.00	40.04
September.....	57.64	61.06	72.02	80.14	70.22	59.66	62.33	74.47	77.11	61.01	69.95	41.99	39.74
October.....	58.36	62.10	71.22	80.06	69.84	59.51	62.20	74.09	76.13	59.57	64.83	41.72	38.61
November.....	58.31	62.09	70.91	79.05	69.36	59.43	62.44	72.12	75.44	57.91	63.91	40.08	36.40
December.....	58.09	62.09	72.27	81.50	71.17	59.78	62.75	71.74	74.83	59.04	64.79	42.03	39.20
Monthly average.....	55.96	59.83	70.28	78.37	69.44	58.63	60.83	72.36	75.33	57.79	63.26	41.61	39.35
1950													
January.....	57.56	61.62	70.49	76.43	70.80	60.05	63.63	73.79	77.41	60.52	67.70	42.90	40.77
February.....	57.80	61.71	70.75	76.38	70.70	59.96	62.64	71.64	74.84	59.90	67.22	44.08	42.22
March.....	58.06	61.89	72.14	78.42	71.56	60.09	62.56	71.54	74.88	59.70	65.26	44.15	42.15
April.....	58.20	62.42	72.18	79.88	70.88	60.56	63.12	73.85	77.11	61.76	69.23	41.96	39.18
May.....	58.08	61.82	72.64	81.05	71.68	61.18	63.91	73.28	75.73	64.52	74.60	41.56	38.48
June.....	60.03	64.21	72.72	80.76	71.79	62.39	65.16	74.37	76.82	65.08	74.05	43.60	40.84
July.....	61.36	65.74	72.30	79.20	71.95	62.99	66.02	76.09	78.93	65.59	75.22	44.73	42.53
August.....	62.74	66.99	73.17	78.84	72.38	63.48	65.85	73.73	75.29	66.25	76.01	46.49	44.39
September.....	63.10	66.89	74.48	81.11	73.61	64.16	67.52	76.77	79.72	66.58	75.46	45.72	43.32
October.....	63.27	67.20	74.22	81.07	73.78	64.55	67.98	77.71	80.93	66.29	73.12	46.04	42.76
November.....	64.92	69.00	74.52	82.29	73.42	65.52	69.34	78.32	81.64	66.52	73.70	45.94	42.23
December.....	66.44	70.63	76.42	85.42	75.60	66.43	69.75	78.32	81.03	68.76	76.21	47.26	44.02
Monthly average.....	61.14	65.06	72.98	80.00	72.34	62.67	65.69	75.01	77.93	64.42	72.48	44.56	41.99

For footnotes giving source of data and description of series, see p. 219.

EMPLOYMENT AND POPULATION—WEEKLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE WEEKLY EARNINGS, NONMANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹												
	Mining					Contract construction			Transportation and public utilities				Wholesale trade ⁶
	Metal ²	Anthracite	Bituminous	Crude petroleum and natural gas production ³	Non-metallic mining and quarrying	Total	Non-building construction	Building construction	Local railways and bus-lines	Telephone ⁴	Telegraph ⁵	Gas and electric utilities	
Dollars													
1935 monthly average ..	23.33	25.98	19.58	28.88	16.68	.....	.....	24.51	.....	.....	.....	.....	.....
1936 monthly average ..	25.45	25.63	22.71	29.93	19.69	.....	.....	27.01	.....	.....	.....	.....	.....
1937 monthly average ..	30.59	25.19	23.84	33.24	22.20	.....	.....	30.14	.....	29.81	.....	.....	.....
1938 monthly average ..	26.19	23.76	20.80	34.12	21.00	.....	.....	29.19	.....	31.53	.....	.....	29.48
1939 monthly average ..	28.93	25.67	23.88	34.09	21.61	.....	.....	30.39	.....	31.94	.....	.....	29.85
1940 monthly average ..	30.24	24.94	24.71	34.03	22.33	.....	.....	31.70	.....	32.44	.....	.....	30.39
1941 monthly average ..	33.24	27.41	30.86	36.37	26.25	.....	.....	35.14	.....	32.74	.....	.....	32.32
1942 monthly average ..	38.72	33.85	35.02	40.35	31.34	.....	.....	41.80	.....	33.97	.....	.....	35.56
1943 monthly average ..	43.27	40.04	41.62	47.85	36.23	.....	.....	48.13	.....	36.30	736.30	.....	39.40
1944 monthly average ..	44.55	47.93	51.27	53.27	39.55	.....	.....	52.18	.....	38.39	36.89	.....	42.29
1945 monthly average ..	45.86	48.98	52.25	54.24	41.26	.....	.....	53.73	.....	40.02	37.98	.....	44.07
1946 monthly average ..	46.86	57.15	58.03	52.96	45.06	\$56.19	\$55.16	56.24	.....	44.04	40.87	.....	48.06
1947													
January.....	50.59	62.29	69.54	56.13	45.94	59.38	56.67	59.97	54.85	43.32	47.00	53.84	\$49.69
February.....	51.87	57.49	64.77	56.18	45.77	58.67	57.49	58.92	56.00	43.28	47.34	55.29	50.18
March.....	51.54	64.75	64.81	56.00	46.72	60.63	57.82	61.23	55.79	42.49	47.02	54.16	50.67
April.....	51.67	49.90	53.68	58.85	48.99	60.14	58.28	60.57	55.96	32.53	59.19	55.45	50.80
May.....	53.72	59.19	64.80	58.93	50.44	61.87	60.22	62.26	56.67	37.78	57.10	55.57	51.54
June.....	56.49	62.41	65.49	61.73	51.16	62.25	60.17	62.71	57.30	45.50	55.38	57.34	53.04
July.....	54.61	58.24	55.78	60.33	51.12	63.26	61.76	63.60	57.63	46.35	54.89	56.61	51.98
August.....	55.89	68.53	69.23	59.63	52.49	64.36	62.82	64.71	58.30	47.06	55.03	57.70	52.15
September.....	56.68	67.38	70.93	60.55	52.99	65.09	63.85	65.36	58.30	48.33	55.05	57.74	52.65
October.....	57.17	71.50	71.62	59.95	54.08	66.03	64.53	66.36	57.97	48.77	54.98	58.29	53.14
November.....	57.49	63.49	70.88	63.21	52.74	64.02	61.67	64.55	58.08	49.41	55.14	59.63	54.01
December.....	58.18	67.43	74.27	60.83	52.34	66.47	62.83	67.31	59.32	47.85	55.19	58.62	53.93
Monthly average.....	54.63	62.77	66.59	59.36	50.54	62.85	60.87	63.30	57.14	44.77	53.56	56.69	51.99
1948													
January.....	58.52	72.66	75.15	64.72	50.75	64.29	60.48	65.51	59.16	48.20	55.90	60.01	53.90
February.....	59.07	65.78	70.55	66.34	50.46	64.45	61.96	65.16	61.16	47.71	56.25	60.42	55.02
March.....	58.17	71.49	74.54	62.57	51.93	65.22	63.09	65.87	60.81	47.45	56.22	58.28	54.21
April.....	58.19	54.83	49.79	63.84	53.23	65.91	64.30	66.45	59.84	47.77	59.44	59.21	54.88
May.....	59.67	69.82	74.27	66.00	55.31	66.28	63.69	67.22	60.83	48.93	62.10	59.95	55.79
June.....	59.20	69.67	73.38	64.77	55.47	68.88	67.28	69.53	62.18	48.82	61.61	60.11	55.45
July.....	58.08	55.14	64.70	67.57	56.31	69.84	68.33	70.47	62.18	49.23	62.97	60.99	55.77
August.....	62.88	72.77	76.48	70.18	58.69	70.47	69.40	70.91	62.31	48.42	62.56	61.17	55.87
September.....	62.44	69.32	74.11	67.83	57.42	71.07	70.56	71.29	62.29	49.21	61.87	61.44	55.83
October.....	64.09	73.68	76.24	68.28	58.68	70.51	70.40	70.59	63.29	49.85	61.32	62.38	56.28
November.....	64.02	60.89	72.73	68.82	57.05	68.28	65.31	69.39	63.25	51.42	61.41	62.38	56.48
December.....	65.36	63.27	76.28	69.52	56.79	71.65	69.64	72.33	63.85	49.85	61.17	62.41	56.87
Monthly average.....	60.80	66.57	72.12	66.68	55.31	68.25	66.61	68.85	61.73	48.92	60.26	60.74	55.58
1949													
January.....	64.75	67.39	76.32	73.32	54.91	70.14	67.54	70.88	63.82	49.84	61.58	63.08	57.24
February.....	64.74	47.97	73.56	70.37	54.36	69.96	68.06	70.53	64.18	50.84	61.94	62.60	56.82
March.....	66.16	46.15	70.54	69.54	54.40	69.22	67.25	69.83	64.18	50.82	62.31	62.54	56.88
April.....	64.71	56.82	72.33	70.30	56.38	69.86	68.47	70.33	64.64	50.58	63.37	62.82	57.12
May.....	63.72	63.63	72.98	71.78	58.17	71.70	71.42	71.81	64.48	51.84	63.69	63.40	57.83
June.....	60.53	45.28	59.90	70.59	57.82	71.41	71.34	71.44	66.01	50.149	62.96	63.64	57.49
July.....	58.75	66.08	47.94	72.54	56.77	71.55	72.20	71.28	65.21	51.90	63.97	64.02	58.18
August.....	58.18	42.80	49.51	70.74	57.86	72.13	72.56	71.95	64.46	51.57	63.64	63.92	57.10
September.....	58.96	59.24	52.46	72.40	56.68	70.73	70.82	70.69	64.55	52.61	62.83	64.75	57.35
October.....	59.63	75.81	63.10	73.87	57.77	72.06	72.71	71.80	64.31	53.29	62.97	65.72	58.36
November.....	52.73	67.94	68.17	71.20	55.77	70.12	69.90	70.21	64.17	54.40	62.05	65.03	57.86
December.....	62.32	42.22	48.74	71.52	55.08	69.75	68.15	70.26	65.10	52.49	62.23	66.04	58.20
Monthly average.....	61.55	56.78	63.28	71.48	56.38	70.81	70.44	70.95	64.61	51.78	62.85	63.99	57.55
1950													
January.....	63.71	44.60	47.36	76.24	53.36	68.01	65.56	68.76	65.11	53.13	62.84	66.09	58.14
February.....	62.81	40.23	49.83	71.88	54.36	66.89	66.94	67.00	65.22	53.69	62.97	65.08	58.27
March.....	61.81	80.01	78.75	70.88	55.37	68.59	68.34	68.83	65.53	52.98	62.93	64.81	58.56
April.....	62.90	57.25	72.79	74.41	58.03	70.93	71.41	70.70	65.90	53.44	64.13	65.17	58.79
May.....	63.11	68.81	68.37	70.88	59.45	72.74	71.71	72.93	66.56	53.72	65.38	65.17	59.11
June.....	63.40	64.94	69.92	71.08	60.39	73.76	73.75	73.82	67.41	54.19	64.21	65.99	59.93
July.....	63.17	68.59	69.68	75.59	60.92	74.06	73.70	74.02	67.47	54.96	64.13	66.52	61.10
August.....	64.48	65.77	71.04	71.01	61.74	75.96	76.48	75.99	66.84	54.71	63.99	65.65	60.90
September.....	66.38	68.45	71.92	73.47	62.51	75.89	75.86	75.86	67.42	55.80	64.49	67.35	60.93
October.....	69.84	75.59	72.99	77.67	64.03	77.92	77.65	77.87	67.77	56.18	64.74	67.93	61.68
November.....	69.92	60.85	73.27	76.21	63.31	77.52	75.42	78.07	68.26	54.04	64.25	68.68	61.98
December.....	73.53	65.14	77.77	75.58	62.12	77.36	75.58	77.80	69.96	56.30	65.05	71.31	63.49
Monthly average.....	65.58	63.24	70.35	73.69	59.88	73.73	73.46	73.73	66.96	54.38	64.19	66.60	60.36

For footnotes giving source of data and description of series, see p. 220.

EMPLOYMENT AND POPULATION—EARNINGS—Continued

YEAR AND MONTH	AVERAGE WEEKLY EARNINGS, NONMANUFACTURING INDUSTRIES— U. S. DEPARTMENT OF LABOR ¹								AVERAGE HOURLY EARNINGS, MANUFACTURING INDUSTRIES— U. S. DEPARTMENT OF LABOR ²							
	Retail trade			Finance	Service			All manu- facturing	Durable-goods industries							
	General mer- chan- dise stores ²	Food and liquor stores	Auto- motive and acces- sories dealers ²	Banks and trust com- panies	Hotels, year- round ²	Laun- dries	Clean- ing and dyeing plants ²		Total	Ord- nance and acces- sories	Lumber and wood products (except furniture)		Furni- ture and fix- tures ²	Stone, clay, and glass products		
											Total ²	Saw- mills and planing mills ²		Total	Glass and glass prod- ucts	
Dollars																
1935 monthly average ..	17.02	.....	.....	.....	.....	15.55	18.27	0.550	0.577	.....	.....	0.387	.....	.....	.....	.....
1936 monthly average ..	17.51	.....	.....	.....	.....	16.06	18.65	.556	.586	.....	.....	.398	.....	.....	.....	.....
1937 monthly average ..	18.49	.....	.....	.....	.....	16.82	19.72	.624	.674	.....	.....	.438	.....	.....	.....	.....
1938 monthly average ..	17.82	.....	.....	.....	.....	14.93	17.15	.627	.686	.....	.....	.446	.....	.....	.....	.....
1939 monthly average ..	17.80	.....	27.07	.....	.....	15.25	17.69	.633	.698	.....	0.489	.476	0.518	0.637	.....	.....
1940 monthly average ..	17.81	.....	28.17	.....	.....	15.52	18.10	.661	.724	.....	.511	.501	.536	.654	.....	.....
1941 monthly average ..	18.58	.....	30.40	.....	.....	16.09	19.00	.729	.808	.....	.559	.550	.582	.704	.....	.....
1942 monthly average ..	19.67	.....	32.07	.....	.....	17.62	20.90	.853	.947	.....	.648	.635	.657	.777	.....	.....
1943 monthly average ..	20.67	.....	37.14	.....	.....	20.21	23.90	.961	1.059	.....	.736	.722	.743	.849	.....	.....
1944 monthly average ..	21.89	.....	41.15	.....	.....	22.65	27.00	1.019	1.117	.....	.791	.779	.815	.897	.....	.....
1945 monthly average ..	23.38	.....	43.67	.....	.....	24.53	28.61	1.023	1.111	.....	.805	.787	.848	.929	.....	.....
1946 monthly average ..	27.26	.....	47.65	.....	.....	26.95	30.30	1.086	1.156	.....	.894	.872	.936	1.041	.....	.....
1947																
January.....	² 29.38	41.69	² 49.50	38.84	² 28.61	32.43	² 37.70	1.174	1.222	1.253	² 1.046	² 1.051	² 1.047	1.130	1.214	.....
February.....	29.37	42.35	50.10	39.11	28.73	31.82	36.69	1.184	1.227	1.256	1.063	1.059	1.056	1.136	1.213	.....
March.....	29.43	42.36	50.15	39.27	28.66	32.11	38.21	1.195	1.236	1.260	1.082	1.088	1.064	1.147	1.223	.....
April.....	30.08	41.95	50.85	38.85	28.87	32.48	37.91	1.202	1.245	1.261	1.094	1.101	1.069	1.153	1.227	.....
May.....	30.84	42.62	51.23	38.55	29.12	32.61	38.76	1.224	1.277	1.289	1.129	1.139	1.080	1.170	1.231	.....
June.....	32.12	44.00	52.67	40.63	29.38	33.10	39.37	1.244	1.303	1.292	1.160	1.174	1.091	1.194	1.249	.....
July.....	32.70	44.79	52.07	39.96	29.30	32.71	38.38	1.249	1.308	1.305	1.147	1.151	1.084	1.203	1.266	.....
August.....	32.35	44.89	52.39	39.34	29.39	32.37	37.22	1.255	1.315	1.294	1.171	1.185	1.096	1.216	1.278	.....
September.....	31.24	44.19	52.82	39.70	29.50	33.19	38.76	1.267	1.332	1.326	1.180	1.183	1.125	1.233	1.308	.....
October.....	31.21	43.97	53.10	39.19	29.88	33.11	38.46	1.274	1.337	1.325	1.172	1.173	1.139	1.239	1.311	.....
November.....	30.79	44.74	53.29	40.87	30.46	32.81	38.32	1.285	1.347	1.329	1.179	1.186	1.146	1.253	1.345	.....
December.....	32.03	44.72	53.74	39.20	30.46	33.70	39.02	1.295	1.355	1.346	1.167	1.170	1.153	1.250	1.336	.....
Monthly average.....	30.96	43.51	51.80	39.46	29.36	32.71	38.30	1.237	1.292	1.295	1.133	1.140	1.097	1.194	1.266	.....
1948																
January.....	32.59	45.50	53.33	40.32	30.29	33.72	38.96	1.302	1.356	1.322	1.161	1.172	1.158	1.251	1.342	.....
February.....	32.21	46.26	54.03	41.81	30.89	33.48	37.90	1.308	1.359	1.325	1.195	1.210	1.161	1.258	1.352	.....
March.....	31.80	46.15	54.36	40.69	30.50	33.89	38.97	1.310	1.361	1.345	1.185	1.193	1.165	1.262	1.352	.....
April.....	32.62	46.04	55.48	41.18	30.86	34.43	39.73	1.314	1.365	1.356	1.187	1.197	1.170	1.271	1.342	.....
May.....	32.92	46.24	55.48	41.73	31.12	34.36	39.93	1.324	1.374	1.361	1.215	1.233	1.175	1.284	1.345	.....
June.....	33.76	47.46	55.74	40.81	31.19	34.69	40.66	1.340	1.396	1.375	1.238	1.251	1.184	1.293	1.350	.....
July.....	34.44	48.57	56.36	41.43	31.38	34.60	39.67	1.356	1.417	1.390	1.266	1.275	1.190	1.310	1.358	.....
August.....	34.30	48.57	58.12	42.36	31.85	33.58	38.62	1.373	1.441	1.384	1.289	1.304	1.198	1.328	1.387	.....
September.....	33.50	48.04	57.30	41.62	31.78	34.44	40.40	1.386	1.457	1.404	1.297	1.308	1.221	1.347	1.415	.....
October.....	33.19	47.52	57.11	41.90	32.06	34.20	40.51	1.390	1.462	1.408	1.286	1.293	1.224	1.353	1.416	.....
November.....	32.86	47.84	57.22	42.19	32.35	34.74	39.76	1.397	1.463	1.420	1.275	1.281	1.229	1.359	1.441	.....
December.....	34.46	48.48	57.07	42.04	32.35	34.99	40.62	1.400	1.466	1.416	1.247	1.256	1.232	1.359	1.447	.....
Monthly average.....	33.31	47.15	56.07	41.51	31.41	34.23	39.50	1.350	1.410	1.375	1.238	1.249	1.192	1.307	1.379	.....
1949																
January.....	34.42	49.07	57.25	43.92	32.41	35.49	40.37	1.405	1.467	1.420	1.224	1.240	1.227	1.359	1.458	.....
February.....	34.01	49.12	57.15	43.55	32.47	34.90	39.32	1.401	1.466	1.434	1.216	1.240	1.231	1.362	1.467	.....
March.....	33.68	48.87	58.18	43.24	32.53	35.07	39.93	1.400	1.464	1.462	1.246	1.265	1.234	1.358	1.457	.....
April.....	34.26	49.08	59.50	43.49	32.35	35.24	42.15	1.401	1.467	1.475	1.272	1.288	1.230	1.358	1.450	.....
May.....	34.85	48.99	60.00	44.05	32.99	36.04	43.17	1.401	1.467	1.472	1.288	1.308	1.236	1.361	1.453	.....
June.....	35.62	50.26	59.70	43.10	32.85	35.32	42.17	1.405	1.475	1.479	1.300	1.316	1.240	1.360	1.439	.....
July.....	35.86	51.13	59.83	43.80	32.90	35.03	40.43	1.408	1.477	1.480	1.288	1.304	1.240	1.368	1.457	.....
August.....	35.75	51.00	59.55	43.10	32.93	34.27	38.63	1.399	1.473	1.472	1.299	1.312	1.230	1.368	1.438	.....
September.....	35.17	50.57	59.51	43.62	32.90	34.69	41.28	1.407	1.482	1.483	1.298	1.314	1.237	1.382	1.463	.....
October.....	34.65	50.25	59.39	43.94	32.84	34.57	40.15	1.392	1.458	1.488	1.299	1.311	1.233	1.374	1.444	.....
November.....	34.30	50.37	58.78	43.96	33.13	34.23	39.96	1.392	1.457	1.488	1.280	1.290	1.231	1.382	1.459	.....
December.....	36.12	50.54	58.26	43.95	33.24	34.77	40.47	1.408	1.476	1.495	1.275	1.282	1.244	1.381	1.465	.....
Monthly average.....	34.87	49.93	58.92	43.64	32.84	34.98	40.71	1.401	1.469	1.469	1.274	1.290	1.234	1.368	1.454	.....
1950																
January.....	35.68	50.68	58.72	45.29	33.06	35.15	40.75	1.418	1.485	1.510	1.225	1.237	1.244	1.390	1.494	.....
February.....	35.44	50.85	57.76	45.52	33.51	34.39	39.26	1.420	1.483	1.507	1.270	1.284	1.254	1.389	1.484	.....
March.....	35.04	50.76	59.22	45.37	33.07	34.56	40.40	1.424	1.486	1.510	1.293	1.293	1.251	1.389	1.480	.....
April.....	34.66	50.93	60.36	45.83	33.26	34.85	40.48	1.434	1.499	1.513	1.311	1.311	1.251	1.400	1.482	.....
May.....	35.49	50.81	60.50	45.54	33.34	35.74	43.69	1.442	1.509	1.515	1.336	1.338	1.250	1.404	1.476	.....
June.....	36.60	51.82	62.29	45.42	33.33	36.33	44.03	1.453	1.522	1.521	1.353	1.348	1.256	1.414	1.486	.....
July.....	37.32	53.37	63.71	46.34	33.51	35.61	42.02	1.462	1.533	1.524	1.369	1.368	1.269	1.432	1.525	.....
August.....	37.06	53.04	63.66	46.36	33.92	34.83	40.16	1.464	1.539	1.552	1.388	1.383	1.282	1.428	1.485	.....
September.....	36.11	52.12	63.52	46.75	34.30	35.93	42.56	1.479	1.562	1.564	1.404	1.407	1.301	1.467	1.572	.....
October.....	36.01	51.80	63.94	47.78	34.67	35.79	42.15	1.501	1.577	1.589	1.404	1.401	1.321	1.485	1.586	.....
November.....	35.24	52.40	63.07	48.18	34.74	35.86	42.23	1.514	1.587	1.625	1.391	1.389	1.335	1.505	1.623	.....
December.....	37.02	52.91	63.53	48.66	35.16	36.38	42.29	1.543	1.619	1.608	1.391	1.386	1.342	1.507	1.607	.....
Monthly average.....	35.95	51.79	61.65	46.44												

EMPLOYMENT AND POPULATION—HOURLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE HOURLY EARNINGS, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹													
	Durable-goods industries													
	Primary metal industries			Fabricated metal products, (except ordnance, machinery, transportation equipment)		Machinery (except electrical)	Electrical machinery	Transportation equipment					Instruments and related products	Miscellaneous manufacturing industries
	Total	Blast furnaces, steel works, and rolling mills	Primary smelting and refining of non-ferrous metals ²	Total	Heating apparatus (except electrical) and plumbers' supplies			Total	Automobiles	Aircraft and parts	Ship and boat building and repairing	Railroad equipment		
Dollars														
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	0.739	.....	0.750	.....	.....	
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.774	.....	.760	.....	.....	
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.891	.....	.814	.....	.....	
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.925	.....	.837	.....	.....	
1939 monthly average ..	.....	0.845	0.699	.....	.....	0.746	0.702	.....	.929	.....	.835	.....	.....	
1940 monthly average ..	.....	.851	.721	.....	.....	.761	.728	.....	.948	.....	.870	.....	.....	
1941 monthly average ..	.....	.953	.805	.....	.....	.834	.802	.....	1.042	.....	1.002	.....	.....	
1942 monthly average ..	.....	1.030	.909	.....	.....	.961	.907	.....	1.169	.....	1.165	.....	.....	
1943 monthly average ..	.....	1.124	1.029	.....	.....	1.063	.971	.....	1.234	.....	1.280	.....	.....	
1944 monthly average ..	.....	1.167	1.060	.....	.....	1.123	1.029	.....	1.270	.....	1.344	.....	.....	
1945 monthly average ..	.....	1.188	1.073	.....	.....	1.140	1.053	.....	1.256	.....	1.370	.....	.....	
1946 monthly average ..	.....	1.291	1.169	.....	.....	1.218	1.131	.....	1.333	.....	1.378	.....	.....	
1947														
January.....	1.302	1.329	21.224	1.209	1.245	1.279	1.195	1.385	1.395	1.340	1.424	1.344	1.160	
February.....	1.298	1.317	1.224	1.212	1.245	1.287	1.198	1.394	1.404	1.346	1.441	1.348	1.161	
March.....	1.308	1.329	1.233	1.220	1.255	1.294	1.208	1.386	1.396	1.350	1.415	1.345	1.188	
April.....	1.319	1.347	1.240	1.227	1.266	1.306	1.209	1.393	1.407	1.340	1.426	1.347	1.199	
May.....	1.382	1.449	1.259	1.257	1.280	1.335	1.255	1.424	1.461	1.344	1.404	1.378	1.202	
June.....	1.413	1.472	1.288	1.281	1.302	1.361	1.290	1.445	1.479	1.363	1.420	1.406	1.221	
July.....	1.417	1.481	1.295	1.294	1.312	1.368	1.304	1.461	1.493	1.392	1.429	1.421	1.233	
August.....	1.424	1.486	1.318	1.296	1.337	1.374	1.309	1.466	1.495	1.400	1.452	1.417	1.236	
September.....	1.446	1.512	1.345	1.315	1.337	1.392	1.317	1.482	1.510	1.410	1.460	1.455	1.251	
October.....	1.444	1.500	1.328	1.325	1.356	1.397	1.324	1.495	1.523	1.415	1.491	1.457	1.261	
November.....	1.451	1.508	1.345	1.335	1.373	1.403	1.330	1.513	1.539	1.421	1.534	1.476	1.268	
December.....	1.459	1.517	1.336	1.345	1.385	1.411	1.337	1.528	1.560	1.425	1.527	1.499	1.273	
Monthly average.....	1.388	1.439	1.286	1.276	1.305	1.350	1.272	1.447	1.473	1.378	1.448	1.409	1.220	
1948														
January.....	1.467	1.529	1.355	1.349	1.377	1.414	1.340	1.515	1.531	1.427	1.565	1.492	1.288	
February.....	1.460	1.511	1.353	1.344	1.392	1.418	1.341	1.520	1.538	1.428	1.579	1.496	1.289	
March.....	1.461	1.508	1.359	1.348	1.392	1.422	1.344	1.515	1.536	1.434	1.537	1.506	1.295	
April.....	1.464	1.511	1.367	1.353	1.398	1.429	1.344	1.513	1.529	1.444	1.536	1.515	1.300	
May.....	1.469	1.514	1.370	1.363	1.406	1.439	1.350	1.524	1.545	1.456	1.531	1.524	1.310	
June.....	1.487	1.537	1.388	1.376	1.424	1.463	1.366	1.572	1.617	1.468	1.526	1.540	1.335	
July.....	1.509	1.555	1.430	1.403	1.432	1.473	1.402	1.596	1.642	1.486	1.536	1.559	1.342	
August.....	1.567	1.639	1.472	1.428	1.442	1.498	1.427	1.614	1.660	1.502	1.567	1.578	1.356	
September.....	1.599	1.675	1.502	1.440	1.459	1.512	1.435	1.635	1.678	1.535	1.609	1.574	1.363	
October.....	1.589	1.654	1.479	1.451	1.487	1.519	1.441	1.650	1.686	1.563	1.625	1.602	1.369	
November.....	1.590	1.654	1.484	1.452	1.484	1.520	1.437	1.648	1.681	1.571	1.617	1.625	1.376	
December.....	1.591	1.655	1.488	1.453	1.482	1.528	1.438	1.651	1.683	1.565	1.624	1.660	1.381	
Monthly average.....	1.522	1.580	1.420	1.396	1.431	1.469	1.388	1.579	1.611	1.493	1.568	1.556	1.333	
1949														
January.....	1.593	1.656	1.510	1.452	1.469	1.524	1.436	1.660	1.702	1.560	1.623	1.630	1.384	
February.....	1.587	1.645	1.499	1.454	1.477	1.524	1.440	1.653	1.694	1.566	1.610	1.610	1.389	
March.....	1.582	1.643	1.490	1.452	1.478	1.525	1.445	1.637	1.670	1.558	1.619	1.623	1.390	
April.....	1.584	1.642	1.500	1.452	1.475	1.523	1.444	1.643	1.678	1.548	1.636	1.617	1.387	
May.....	1.581	1.634	1.500	1.453	1.472	1.523	1.443	1.650	1.695	1.555	1.617	1.617	1.388	
June.....	1.591	1.650	1.499	1.464	1.467	1.529	1.440	1.658	1.699	1.554	1.636	1.608	1.393	
July.....	1.589	1.645	1.509	1.466	1.455	1.530	1.447	1.661	1.704	1.556	1.613	1.600	1.394	
August.....	1.581	1.631	1.482	1.468	1.459	1.531	1.451	1.660	1.703	1.544	1.610	1.616	1.391	
September.....	1.607	1.673	1.496	1.474	1.478	1.538	1.447	1.674	1.716	1.566	1.618	1.623	1.399	
October.....	1.556	1.644	1.471	1.459	1.479	1.536	1.435	1.656	1.689	1.572	1.624	1.623	1.409	
November.....	1.579	1.642	1.483	1.451	1.483	1.538	1.434	1.660	1.686	1.607	1.637	1.649	1.413	
December.....	1.597	1.645	1.479	1.473	1.491	1.544	1.444	1.679	1.713	1.612	1.637	1.638	1.421	
Monthly average.....	1.587	1.646	1.494	1.460	1.474	1.530	1.442	1.657	1.696	1.567	1.623	1.621	1.396	
1950														
January.....	1.615	1.675	1.503	1.487	1.492	1.547	1.443	1.682	1.715	1.602	1.626	1.621	1.423	
February.....	1.603	1.649	1.491	1.481	1.501	1.552	1.442	1.677	1.708	1.614	1.631	1.647	1.425	
March.....	1.604	1.649	1.502	1.480	1.505	1.560	1.443	1.678	1.710	1.612	1.637	1.638	1.435	
April.....	1.609	1.652	1.510	1.488	1.519	1.569	1.446	1.706	1.748	1.612	1.638	1.646	1.438	
May.....	1.619	1.659	1.519	1.496	1.521	1.576	1.453	1.698	1.731	1.608	1.646	1.633	1.444	
June.....	1.630	1.674	1.529	1.515	1.526	1.583	1.451	1.727	1.770	1.605	1.629	1.647	1.448	
July.....	1.645	1.700	1.539	1.522	1.536	1.595	1.464	1.728	1.766	1.615	1.685	1.647	1.442	
August.....	1.639	1.680	1.544	1.539	1.564	1.607	1.467	1.735	1.778	1.626	1.654	1.653	1.466	
September.....	1.669	1.724	1.564	1.561	1.580	1.626	1.485	1.770	1.818	1.667	1.642	1.701	1.496	
October.....	1.666	1.683	1.600	1.576	1.606	1.655	1.523	1.781	1.830	1.675	1.642	1.726	1.524	
November.....	1.678	1.692	1.652	1.580	1.617	1.675	1.539	1.790	1.842	1.693	1.666	1.729	1.544	
December.....	1.758	1.830	1.666	1.610	1.636	1.698	1.555	1.816	1.865	1.734	1.671	1.773	1.567	
Monthly average.....	1.648	1.691	1.554	1.532	1.555	1.608	1.480	1.736	1.778	1.644	1.648	1.675	1.476	

For footnotes giving source of data and description of series, see p. 220.

EMPLOYMENT AND POPULATION—HOURLY EARNINGS—Continued

AVERAGE HOURLY EARNINGS, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹															
YEAR AND MONTH	Nondurable-goods industries														
	Total	Food and kindred products						To-bacco manu-fac-tures ²	Textile-mill products			Apparel and other finished textile products			
		Total ²	Meat prod-ucts	Dairy prod-ucts	Canning and preserv-ing	Bakery prod-ucts ²	Bev-erages		Total	Broad-woven fabric mills	Knitting mills	Total ²	Men's and boys' suits and coats	Men's and boys' furnishings and work clothing	Women's outer-wear
Dollars															
1935 monthly average ..	0.530	.....	.....	.....	0.383	0.534	.....	0.399	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	.529	.....	.....	.....	.393	.544	.....	.410	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	.577	.....	.....	.....	.457	.590	.....	.445	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	.584	.....	.....	.....	.454	.611	.....	.463	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ..	.582	0.607	.....	.....	.464	.621	.....	.476	0.460	.....	.....	0.527	.....	.....	.....
1940 monthly average ..	.602	.616	.....	.....	.465	.638	.....	.494	.482	.....	.....	.544	.....	.....	.....
1941 monthly average ..	.640	.651	.....	.....	.524	.665	.....	.520	.526	.....	.....	.578	.....	.....	.....
1942 monthly average ..	.723	.724	.....	.....	.620	.726	.....	.580	.605	.....	.....	.630	.....	.....	.....
1943 monthly average ..	.803	.799	.....	.....	.715	.797	.....	.643	.665	.....	.....	.710	.....	.....	.....
1944 monthly average ..	.861	.849	.....	.....	.769	.839	.....	.706	.708	.....	.....	.797	.....	.....	.....
1945 monthly average ..	.904	.881	.....	.....	.808	.867	.....	.764	.757	.....	.....	.858	.....	.....	.....
1946 monthly average ..	1.012	.986	.....	.....	.929	.972	.....	.868	.893	.....	.....	.967	.....	.....	.....
1947															
January.....	1.114	21.089	1.194	0.994	.976	21.034	1.264	2.887	.977	0.962	0.966	21.129	1.290	0.858	1.461
February.....	1.130	1.096	1.182	1.010	1.003	1.036	1.267	.898	1.004	.972	1.141	1.291	.856	1.481	1.481
March.....	1.142	1.098	1.176	1.016	1.000	1.039	1.283	.904	1.030	1.035	.983	1.138	1.288	.864	1.454
April.....	1.147	1.105	1.186	1.015	1.022	1.037	1.295	.915	1.035	1.036	.978	1.091	1.268	.864	1.346
May.....	1.155	1.119	1.197	1.021	1.041	1.054	1.313	.921	1.033	1.029	.981	1.081	1.267	.869	1.306
June.....	1.168	1.136	1.209	1.032	1.054	1.064	1.356	.922	1.032	1.027	.973	1.091	1.265	.867	1.334
July.....	1.178	1.140	1.265	1.043	1.004	1.068	1.384	.923	1.035	1.029	.987	1.116	1.260	.871	1.408
August.....	1.186	1.156	1.253	1.056	1.081	1.085	1.405	.907	1.040	1.034	.992	1.134	1.263	.861	1.460
September.....	1.192	1.149	1.262	1.062	1.020	1.101	1.419	.897	1.056	1.046	1.007	1.145	1.280	.879	1.459
October.....	1.200	1.171	1.257	1.055	1.093	1.107	1.399	.904	1.062	1.051	1.022	1.151	1.288	.887	1.452
November.....	1.211	1.187	1.292	1.067	1.059	1.109	1.407	.912	1.096	1.097	1.042	1.115	1.284	.886	1.371
December.....	1.222	1.187	1.282	1.076	1.090	1.114	1.387	.937	1.106	1.105	1.048	1.152	1.313	.921	1.429
Monthly average.....	1.171	1.138	1.232	1.038	1.041	1.071	1.352	.911	1.042	1.038	.997	1.125	1.280	.874	1.417
1948															
January.....	1.236	1.194	1.266	1.095	1.103	1.126	1.406	.941	1.121	1.122	1.054	1.187	1.378	.909	1.492
February.....	1.247	1.201	1.266	1.121	1.121	1.131	1.412	.930	1.144	1.153	1.062	1.188	1.378	.906	1.499
March.....	1.248	1.205	1.291	1.117	1.127	1.131	1.409	.942	1.146	1.155	1.069	1.181	1.392	.914	1.478
April.....	1.250	1.222	1.392	1.127	1.135	1.137	1.430	.948	1.144	1.150	1.070	1.134	1.376	.913	1.350
May.....	1.262	1.229	1.408	1.139	1.132	1.146	1.426	.957	1.149	1.153	1.074	1.139	1.368	.915	1.344
June.....	1.273	1.237	1.363	1.136	1.098	1.165	1.464	.975	1.154	1.152	1.091	1.152	1.373	.912	1.390
July.....	1.284	1.236	1.359	1.156	1.088	1.167	1.488	.990	1.154	1.150	1.090	1.180	1.348	.916	1.472
August.....	1.293	1.235	1.343	1.163	1.102	1.170	1.495	.963	1.175	1.177	1.111	1.205	1.373	.913	1.520
September.....	1.304	1.236	1.368	1.188	1.107	1.190	1.510	.952	1.194	1.195	1.134	1.218	1.369	.925	1.541
October.....	1.302	1.251	1.355	1.187	1.149	1.195	1.490	.951	1.194	1.190	1.140	1.185	1.353	.919	1.477
November.....	1.317	1.274	1.403	1.189	1.107	1.199	1.528	.978	1.193	1.193	1.145	1.201	1.353	.930	1.505
December.....	1.319	1.285	1.395	1.194	1.163	1.211	1.513	.979	1.196	1.192	1.141	1.203	1.360	.934	1.492
Monthly average.....	1.278	1.235	1.348	1.151	1.116	1.164	1.466	.958	1.163	1.165	1.097	1.182	1.369	.917	1.467
1949															
January.....	1.327	1.292	1.389	1.213	1.158	1.218	1.515	.986	1.197	1.188	1.145	1.221	1.358	.937	1.533
February.....	1.323	1.285	1.352	1.213	1.149	1.218	1.527	.987	1.194	1.186	1.132	1.212	1.354	.924	1.504
March.....	1.323	1.291	1.371	1.211	1.153	1.216	1.538	1.003	1.188	1.176	1.134	1.196	1.366	.929	1.460
April.....	1.321	1.289	1.378	1.213	1.180	1.216	1.523	1.013	1.182	1.167	1.136	1.149	1.342	.923	1.360
May.....	1.323	1.294	1.380	1.205	1.167	1.226	1.544	1.016	1.184	1.171	1.135	1.125	1.345	.924	1.303
June.....	1.324	1.289	1.383	1.206	1.113	1.239	1.558	1.015	1.184	1.179	1.125	1.133	1.317	.915	1.339
July.....	1.332	1.296	1.388	1.219	1.098	1.247	1.611	1.021	1.182	1.181	1.114	1.159	1.306	.915	1.431
August.....	1.319	1.271	1.387	1.216	1.085	1.249	1.600	.997	1.180	1.181	1.111	1.175	1.342	.901	1.465
September.....	1.328	1.283	1.389	1.245	1.117	1.256	1.595	.987	1.187	1.188	1.117	1.196	1.353	.918	1.484
October.....	1.325	1.291	1.375	1.239	1.148	1.257	1.690	.991	1.194	1.200	1.123	1.168	1.347	.916	1.447
November.....	1.325	1.302	1.404	1.229	1.113	1.259	1.586	1.012	1.195	1.200	1.127	1.131	1.352	.919	1.363
December.....	1.334	1.318	1.405	1.231	1.182	1.263	1.590	1.020	1.197	1.201	1.126	1.165	1.344	.919	1.424
Monthly average.....	1.325	1.291	1.384	1.219	1.128	1.239	1.566	1.004	1.189	1.186	1.127	1.170	1.345	.920	1.432
1950															
January.....	1.343	1.327	1.403	1.251	1.182	1.267	1.600	1.033	1.202	1.204	1.134	1.186	1.348	.929	1.453
February.....	1.350	1.328	1.386	1.253	1.192	1.273	1.613	1.063	1.209	1.201	1.166	1.212	1.348	.979	1.466
March.....	1.353	1.337	1.393	1.250	1.217	1.271	1.625	1.076	1.209	1.199	1.177	1.195	1.355	.984	1.403
April.....	1.355	1.340	1.398	1.248	1.221	1.271	1.631	1.087	1.204	1.193	1.160	1.159	1.337	.986	1.335
May.....	1.358	1.339	1.403	1.242	1.210	1.277	1.623	1.081	1.204	1.190	1.162	1.156	1.333	.983	1.317
June.....	1.365	1.340	1.407	1.241	1.181	1.270	1.642	1.086	1.208	1.197	1.156	1.170	1.335	.982	1.357
July.....	1.375	1.346	1.419	1.263	1.153	1.292	1.681	1.095	1.212	1.203	1.156	1.194	1.334	.979	1.430
August.....	1.374	1.341	1.423	1.257	1.180	1.300	1.656	1.098	1.218	1.208	1.165	1.225	1.355	.985	1.492
September.....	1.379	1.342	1.501	1.271	1.148	1.307	1.647	1.102	1.228	1.214	1.173	1.207	1.349	.994	1.442
October.....	1.404	1.366	1.501	1.275	1.211	1.309	1.662	1.076	1.295	1.300	1.216	1.220	1.366	1.002	1.468
November.....	1.419	1.386	1.509	1.284	1.245	1.319	1.658	1.123	1.307	1.306	1.238	1.206	1.387	1.022	1.398
December.....	1.443	1.415	1.547	1.302	1.252	1.323	1.694	1.124	1.313	1.313	1.240	1.257	1.474	1.043	1.477
Monthly average.....	1.378	1.351	1.444	1.261	1.191	1.290	1.646	1.084	1.236	1.229	1.180	1.200	1.361	.990	1.424

For footnotes giving source of data and description of series, see p. 220.

EMPLOYMENT AND POPULATION—HOURLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE HOURLY EARNINGS, MANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹												
	Nondurable-goods industries												
	Paper and allied products		Printing, publishing, and allied industries			Chemical and allied products		Products of petroleum and coal		Rubber products		Leather and leather products	
	Total	Pulp, paper, and paper-board mills	Total ²	News-papers	Commercial printing	Total ²	Industrial organic chemicals	Total ²	Petroleum refining ²	Total ²	Tires and inner tubes	Total	Foot-wear (except rubber)
Dollars													
1935 monthly average ..	.....	0.529	.....	.....	.....	.....	.....	.....	0.801	.....	0.842	0.522	0.512
1936 monthly average ..	.....	.537	.....	.....	.....	.....	.....	.....	.827	.....	.873	.511	.498
1937 monthly average ..	.....	.604	.....	.....	.....	.....	.....	.....	.945	.....	.950	.535	.515
1938 monthly average ..	.....	.619	.....	.....	.....	.....	.....	.....	.978	.....	.948	.521	.497
1939 monthly average ..	0.592	.620	0.866	.....	.....	0.649	.....	0.894	.974	0.754	.957	.528	.503
1940 monthly average ..	.613	.646	.882	.....	.....	.676	.....	.887	.974	.766	.967	.549	.526
1941 monthly average ..	.660	.705	.900	.....	.....	.739	.....	.950	1.034	.822	1.028	.600	.578
1942 monthly average ..	.743	.797	.952	.....	.....	.848	.....	1.049	1.128	.921	1.104	.682	.656
1943 monthly average ..	.798	.850	1.004	.....	.....	.916	.....	1.127	1.201	1.021	1.187	.748	.717
1944 monthly average ..	.846	.883	1.076	.....	.....	.953	.....	1.181	1.250	1.095	1.256	.801	.768
1945 monthly average ..	.883	.913	1.140	.....	.....	.989	.....	1.210	1.276	1.125	1.279	.853	.823
1946 monthly average ..	1.001	1.049	1.283	.....	.....	1.077	.....	1.333	1.415	1.254	1.426	.955	.930
1947													
January.....	1.086	1.131	1.401	1.629	1.360	1.153	1.230	1.391	1.456	1.312	1.508	1.020	.999
February.....	1.102	1.152	1.433	1.654	1.400	1.174	1.272	1.402	1.463	1.313	1.514	1.019	.991
March.....	1.108	1.155	1.463	1.681	1.432	1.190	1.288	1.431	1.502	1.313	1.508	1.027	1.001
April.....	1.120	1.168	1.485	1.703	1.456	1.204	1.298	1.453	1.526	1.381	1.607	1.030	1.003
May.....	1.136	1.184	1.509	1.745	1.459	1.222	1.302	1.474	1.546	1.401	1.621	1.035	1.004
June.....	1.168	1.232	1.522	1.763	1.468	1.242	1.317	1.491	1.558	1.403	1.611	1.051	1.021
July.....	1.194	1.266	1.526	1.763	1.481	1.253	1.320	1.526	1.597	1.422	1.636	1.054	1.020
August.....	1.197	1.267	1.538	1.782	1.478	1.261	1.315	1.527	1.595	1.426	1.639	1.056	1.020
September.....	1.209	1.277	1.559	1.790	1.507	1.270	1.329	1.549	1.622	1.435	1.660	1.068	1.036
October.....	1.213	1.278	1.561	1.807	1.511	1.260	1.336	1.544	1.617	1.428	1.647	1.078	1.047
November.....	1.219	1.282	1.583	1.833	1.547	1.275	1.352	1.558	1.628	1.437	1.661	1.089	1.061
December.....	1.226	1.289	1.596	1.874	1.567	1.283	1.364	1.583	1.660	1.436	1.659	1.087	1.057
Monthly average.....	1.165	1.224	1.515	1.754	1.472	1.232	1.310	1.496	1.566	1.390	1.604	1.052	1.022
1948													
January.....	1.235	1.297	1.603	1.852	1.569	1.300	1.373	1.611	1.692	1.430	1.643	1.094	1.065
February.....	1.242	1.301	1.639	1.870	1.616	1.309	1.372	1.612	1.690	1.408	1.612	1.098	1.067
March.....	1.247	1.306	1.652	1.919	1.605	1.308	1.375	1.618	1.695	1.397	1.598	1.101	1.073
April.....	1.249	1.305	1.674	1.941	1.630	1.320	1.380	1.631	1.708	1.401	1.600	1.110	1.081
May.....	1.268	1.328	1.695	1.957	1.650	1.339	1.392	1.663	1.746	1.421	1.633	1.115	1.076
June.....	1.293	1.368	1.707	1.974	1.653	1.358	1.398	1.681	1.767	1.444	1.649	1.120	1.080
July.....	1.316	1.396	1.709	1.964	1.654	1.375	1.427	1.739	1.834	1.469	1.682	1.111	1.071
August.....	1.318	1.394	1.713	1.974	1.651	1.393	1.471	1.745	1.832	1.497	1.728	1.124	1.090
September.....	1.334	1.418	1.746	2.021	1.683	1.393	1.487	1.777	1.873	1.500	1.730	1.143	1.114
October.....	1.328	1.402	1.742	2.020	1.681	1.377	1.477	1.767	1.866	1.504	1.734	1.140	1.106
November.....	1.335	1.411	1.744	2.036	1.680	1.389	1.487	1.797	1.898	1.504	1.731	1.145	1.104
December.....	1.330	1.404	1.750	2.062	1.685	1.396	1.490	1.772	1.857	1.498	1.719	1.143	1.102
Monthly average.....	1.291	1.361	1.698	1.968	1.646	1.355	1.428	1.701	1.788	1.456	1.671	1.120	1.085
1949													
January.....	1.335	1.403	1.751	2.028	1.690	1.404	1.499	1.779	1.856	1.501	1.720	1.137	1.101
February.....	1.331	1.398	1.770	2.039	1.715	1.410	1.513	1.775	1.862	1.500	1.723	1.136	1.101
March.....	1.328	1.395	1.802	2.068	1.749	1.406	1.515	1.773	1.850	1.498	1.718	1.135	1.101
April.....	1.327	1.392	1.807	2.086	1.741	1.415	1.525	1.777	1.858	1.504	1.721	1.138	1.102
May.....	1.330	1.401	1.819	2.117	1.751	1.430	1.533	1.772	1.857	1.514	1.741	1.141	1.099
June.....	1.340	1.410	1.821	2.105	1.770	1.448	1.545	1.787	1.873	1.526	1.751	1.136	1.090
July.....	1.352	1.427	1.825	2.103	1.760	1.464	1.565	1.808	1.896	1.520	1.761	1.128	1.085
August.....	1.346	1.416	1.836	2.114	1.759	1.451	1.548	1.796	1.887	1.507	1.731	1.129	1.091
September.....	1.353	1.420	1.842	2.137	1.760	1.441	1.566	1.812	1.904	1.514	1.789	1.141	1.104
October.....	1.354	1.421	1.845	2.135	1.768	1.427	1.559	1.807	1.889	1.512	1.738	1.143	1.100
November.....	1.356	1.424	1.837	2.125	1.765	1.432	1.561	1.803	1.886	1.508	1.732	1.142	1.093
December.....	1.354	1.424	1.839	2.139	1.766	1.437	1.561	1.798	1.885	1.506	1.737	1.133	1.083
Monthly average.....	1.342	1.411	1.816	2.101	1.749	1.430	1.540	1.791	1.874	1.509	1.738	1.137	1.096
1950													
January.....	1.364	1.433	1.831	2.094	1.770	1.454	1.579	1.813	1.902	1.536	1.763	1.138	1.090
February.....	1.360	1.422	1.852	2.104	1.799	1.459	1.566	1.800	1.890	1.528	1.755	1.137	1.117
March.....	1.363	1.426	1.869	2.131	1.807	1.462	1.564	1.802	1.891	1.519	1.745	1.165	1.127
April.....	1.376	1.445	1.870	2.153	1.799	1.470	1.574	1.810	1.904	1.544	1.775	1.172	1.129
May.....	1.373	1.431	1.877	2.173	1.801	1.485	1.578	1.805	1.898	1.566	1.815	1.174	1.125
June.....	1.396	1.466	1.879	2.171	1.813	1.507	1.597	1.814	1.911	1.572	1.824	1.172	1.122
July.....	1.417	1.494	1.878	2.164	1.817	1.529	1.622	1.829	1.925	1.592	1.862	1.174	1.128
August.....	1.426	1.502	1.881	2.160	1.805	1.526	1.618	1.816	1.911	1.585	1.863	1.186	1.144
September.....	1.434	1.510	1.900	2.198	1.813	1.535	1.655	1.841	1.935	1.589	1.845	1.200	1.152
October.....	1.438	1.510	1.903	2.203	1.849	1.537	1.662	1.868	1.969	1.582	1.819	1.218	1.165
November.....	1.472	1.554	1.901	2.212	1.831	1.560	1.683	1.901	2.006	1.603	1.838	1.225	1.173
December.....	1.493	1.573	1.920	2.242	1.844	1.578	1.693	1.901	1.991	1.653	1.910	1.234	1.177
Monthly average.....	1.412	1.482	1.881	2.168	1.813	1.510	1.618	1.834	1.929	1.575	1.821	1.185	1.138

For footnotes giving source of data and description of series, see p. 220.

EMPLOYMENT AND POPULATION—HOURLY EARNINGS—Continued

YEAR AND MONTH	AVERAGE HOURLY EARNINGS, NONMANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹											
	Mining					Contract construction			Transportation and public utilities			
	Metal ²	Anthracite	Bituminous coal	Crude petroleum and natural gas production ³	Non-metallic mining and quarrying	Total	Non-building construction	Building construction	Local railways and bus lines	Telephone ⁴	Telegraph ⁵	Gas and public utilities
Dollars												
1935 monthly average ..	0.593	0.823	0.745	0.785	0.475	.....	.....	0.817	.....	.....	.....	.....
1936 monthly average ..	.605	.833	.794	.768	.475	.....	.....	.824	.....	.....	.....	.....
1937 monthly average ..	.700	.873	.856	.827	.533	.....	.....	.903	.....	0.774	.....	.....
1938 monthly average ..	.677	.922	.878	.844	.543	.....	.....	.932	.....	.816	.....	.....
1939 monthly average ..	.708	.923	.886	.873	.550	.....	.....	.932	.....	.822	.....	.....
1940 monthly average ..	.730	.924	.883	.881	.568	.....	.....	.958	.....	.827	.....	.....
1941 monthly average ..	.798	.971	.993	.934	.628	.....	.....	1.010	.....	.820	.....	.....
1942 monthly average ..	.888	.989	1.059	1.014	.717	.....	.....	1.148	.....	.843	.....	.....
1943 monthly average ..	.976	1.069	1.139	1.100	.789	.....	.....	1.252	.....	.870	0.730	.....
1944 monthly average ..	1.007	1.178	1.186	1.151	.856	.....	.....	1.319	.....	.911	.804	.....
1945 monthly average ..	1.042	1.252	1.240	1.197	.886	.....	.....	1.379	.....	.962	.834	.....
1946 monthly average ..	1.156	1.494	1.401	1.307	.993	81.461	81.361	1.478	.....	1.124	.939	.....
1947												
January.....	1.225	1.593	1.489	1.369	1.066	1.568	1.451	1.594	1.167	1.128	1.073	1.285
February.....	1.238	1.638	1.489	1.401	1.067	1.569	1.441	1.598	1.179	1.139	1.076	1.326
March.....	1.242	1.631	1.483	1.425	1.074	1.585	1.473	1.610	1.182	1.124	1.076	1.321
April.....	1.239	1.545	1.483	1.453	1.091	1.605	1.495	1.632	1.183	1.170	1.254	1.317
May.....	1.270	1.591	1.466	1.455	1.099	1.627	1.515	1.655	1.193	1.188	1.244	1.339
June.....	1.326	1.592	1.502	1.484	1.122	1.631	1.504	1.661	1.214	1.210	1.239	1.362
July.....	1.316	1.574	1.743	1.486	1.126	1.648	1.533	1.676	1.234	1.207	1.228	1.351
August.....	1.350	1.780	1.789	1.487	1.141	1.668	1.562	1.694	1.243	1.216	1.231	1.364
September.....	1.369	1.764	1.814	1.510	1.152	1.697	1.587	1.723	1.262	1.233	1.237	1.378
October.....	1.358	1.783	1.795	1.495	1.163	1.716	1.602	1.743	1.263	1.241	1.230	1.378
November.....	1.382	1.754	1.841	1.553	1.172	1.736	1.615	1.765	1.271	1.254	1.256	1.413
December.....	1.369	1.756	1.816	1.544	1.171	1.748	1.638	1.774	1.273	1.230	1.260	1.389
Monthly average.....	1.307	1.665	1.636	1.473	1.123	1.654	1.539	1.681	1.221	1.197	1.201	1.353
1948												
January.....	1.377	1.768	1.842	1.610	1.183	1.722	1.587	1.766	1.286	1.239	1.259	1.412
February.....	1.377	1.817	1.823	1.622	1.193	1.757	1.638	1.791	1.304	1.236	1.267	1.425
March.....	1.372	1.774	1.845	1.584	1.191	1.749	1.628	1.786	1.305	1.226	1.269	1.401
April.....	1.379	1.708	1.817	1.600	1.207	1.751	1.600	1.804	1.298	1.228	1.351	1.420
May.....	1.391	1.772	1.843	1.646	1.229	1.756	1.600	1.815	1.311	1.242	1.383	1.441
June.....	1.393	1.746	1.853	1.644	1.230	1.770	1.614	1.836	1.323	1.236	1.369	1.445
July.....	1.434	1.734	1.937	1.685	1.257	1.793	1.634	1.862	1.338	1.237	1.381	1.466
August.....	1.459	1.900	1.961	1.691	1.273	1.803	1.639	1.874	1.340	1.229	1.375	1.460
September.....	1.501	1.894	1.971	1.713	1.276	1.827	1.663	1.895	1.366	1.249	1.381	1.477
October.....	1.508	1.904	1.945	1.720	1.284	1.826	1.672	1.892	1.385	1.262	1.381	1.496
November.....	1.510	1.823	1.955	1.738	1.285	1.840	1.671	1.906	1.387	1.265	1.383	1.496
December.....	1.520	1.861	1.956	1.738	1.282	1.862	1.712	1.915	1.391	1.288	1.387	1.493
Monthly average.....	1.434	1.809	1.898	1.667	1.243	1.790	1.639	1.848	1.339	1.248	1.348	1.453
1949												
January.....	1.538	1.872	1.947	1.784	1.286	1.869	1.710	1.918	1.415	1.298	1.390	1.509
February.....	1.527	1.838	1.941	1.768	1.285	1.877	1.714	1.930	1.423	1.317	1.392	1.512
March.....	1.528	1.846	1.938	1.756	1.280	1.875	1.703	1.933	1.420	1.327	1.394	1.507
April.....	1.519	1.857	1.934	1.762	1.302	1.872	1.709	1.934	1.430	1.324	1.399	1.521
May.....	1.510	1.866	1.946	1.768	1.313	1.864	1.712	1.930	1.436	1.343	1.409	1.535
June.....	1.491	1.935	1.951	1.778	1.320	1.856	1.704	1.924	1.435	1.340	1.399	1.541
July.....	1.491	1.888	1.910	1.800	1.308	1.856	1.712	1.922	1.446	1.348	1.409	1.550
August.....	1.473	1.829	1.897	1.764	1.306	1.862	1.712	1.932	1.442	1.343	1.411	1.544
September.....	1.489	1.863	1.943	1.792	1.312	1.874	1.730	1.938	1.457	1.363	1.412	1.564
October.....	1.487	1.934	1.978	1.793	1.307	1.881	1.741	1.944	1.455	1.377	1.415	1.576
November.....	1.477	1.903	1.999	1.780	1.306	1.891	1.754	1.947	1.455	1.402	1.420	1.567
December.....	1.498	1.919	1.919	1.788	1.299	1.917	1.777	1.964	1.463	1.367	1.424	1.580
Monthly average.....	1.505	1.880	1.941	1.778	1.302	1.874	1.723	1.935	1.439	1.345	1.406	1.542
1950												
January.....	1.517	1.866	1.933	1.824	1.289	1.932	1.753	1.976	1.473	1.380	1.425	1.585
February.....	1.499	1.953	1.962	1.797	1.313	1.950	1.771	1.988	1.469	1.391	1.428	1.572
March.....	1.504	1.928	2.009	1.781	1.331	1.954	1.766	1.995	1.476	1.376	1.427	1.573
April.....	1.512	1.974	2.022	1.806	1.331	1.938	1.746	1.986	1.481	1.381	1.438	1.578
May.....	1.517	1.983	2.005	1.772	1.339	1.950	1.762	1.998	1.486	1.381	1.440	1.578
June.....	1.524	1.992	2.015	1.777	1.345	1.941	1.756	1.995	1.488	1.386	1.430	1.590
July.....	1.537	1.971	2.014	1.817	1.366	1.954	1.776	2.006	1.496	1.395	1.425	1.599
August.....	1.539	1.981	2.001	1.762	1.366	1.968	1.791	2.021	1.492	1.392	1.422	1.603
September.....	1.573	1.984	2.026	1.814	1.385	2.013	1.828	2.067	1.495	1.409	1.446	1.619
October.....	1.591	2.032	2.022	1.876	1.398	2.024	1.827	2.082	1.496	1.426	1.445	1.625
November.....	1.626	1.963	2.013	1.877	1.410	2.040	1.844	2.093	1.497	1.422	1.447	1.643
December.....	1.675	1.986	2.020	1.880	1.428	2.074	1.880	2.120	1.511	1.440	1.452	1.670
Monthly average.....	1.554	1.970	2.010	1.815	1.361	1.982	1.796	2.031	1.488	1.398	1.436	1.601

For footnotes giving source of data and description of series, see p. 220.

EMPLOYMENT AND POPULATION—EARNINGS AND MISCELLANEOUS WAGE DATA

YEAR AND MONTH	AVERAGE HOURLY EARNINGS, NONMANUFACTURING INDUSTRIES—U. S. DEPARTMENT OF LABOR ¹							MISCELLANEOUS WAGE DATA				
	Trade				Services			Construction wage rates (E.N.R.) ³		Farm wage rates without board or room (quarterly) ⁴	Railway wages (average, class 1) ⁵	Road-building wages, common labor ⁶
	Wholesale	Retail			Hotels, year-round ²	Laundries	Cleaning and dyeing plants ²	Common labor	Skilled labor			
		General-merchandise stores ²	Food and liquor stores	Auto-motive and accessories dealers								
Dollars							Dollars per hour					
1935 monthly average ..	.....	0.466	.....	.....	.....	0.366	0.437	0.528	1.09	.....	0.668	0.41
1936 monthly average ..	.....	.460	.....	.....	.....	.374	.442	.564	1.15	.....	.674	.40
1937 monthly average ..	.....	.503	.....	.....	.....	.391	.470	.645	1.32	.....	.692	.40
1938 monthly average ..	0.700	.481	.....	.....	0.315	.411	.483	.678	1.41	.....	.729	.40
1939 monthly average ..	.715	.454	.....	0.571	.324	.417	.490	.683	1.44	.....	.730	.42
1940 monthly average ..	.739	.458	.....	.593	.332	.422	.489	.699	1.47	.....	.733	.45
1941 monthly average ..	.793	.473	.....	.655	.348	.441	.509	.743	1.50	.....	.766	.48
1942 monthly average ..	.860	.512	.....	.681	.386	.486	.573	.804	1.56	.....	.838	.58
1943 monthly average ..	.933	.553	.....	.795	.451	.549	.649	.853	1.62	.....	.909	.71
1944 monthly average ..	.985	.595	.....	.899	.505	.620	.724	.879	1.63	.....	.951	.74
1945 monthly average ..	1.029	.635	.....	.956	.550	.660	.770	.910	1.66	.....	.956	.78
1946 monthly average ..	1.144	.730	.....	1.046	.612	.700	.831	1.033	1.80	.....	1.132	.83
1947												
January.....	21.212	2.816	1.032	1.088	2.640	.749	2.883	1.110	1.89	.....	1.146	.84
February.....	1.230	.818	1.043	1.101	.626	.747	.882	1.118	1.92	.....	1.173	.81
March.....	1.245	.822	1.046	1.107	.623	.752	.899	1.118	1.92	.....	1.146	.84
April.....	1.239	.938	1.041	1.120	.629	.757	.909	1.133	1.93	.....	1.136	.86
May.....	1.254	.859	1.055	1.126	.633	.762	.912	1.140	1.94	.....	1.136	.88
June.....	1.278	.868	1.058	1.145	.636	.768	.922	1.185	2.02	.....	1.140	.89
July.....	1.274	.872	1.074	1.152	.651	.766	.916	1.233	2.07	.....	1.133	.92
August.....	1.272	.872	1.074	1.154	.653	.767	.910	1.237	2.09	.....	1.137	.....
September.....	1.281	.863	1.083	1.166	.669	.779	.925	1.237	2.10	.....	1.264	.....
October.....	1.293	.867	1.091	1.162	.679	.781	.929	1.263	2.12	.....	1.250	1.01
November.....	1.314	.865	1.113	1.179	.683	.783	.937	1.265	2.12	.....	1.305	.....
December.....	1.309	.868	1.107	1.181	.683	.793	.938	1.272	2.12	.....	1.290	.....
Monthly average.....	1.268	.853	1.069	1.141	.650	.767	.914	1.193	2.02	.....	1.188	2.91
1948												
January.....	1.321	.893	1.129	1.185	.690	.799	.941	1.272	2.14	0.77	1.297	.91
February.....	1.342	.886	1.145	1.190	.688	.801	.938	1.272	2.15	.....	1.326	.....
March.....	1.332	.881	1.148	1.200	.690	.807	.939	1.283	2.15	.....	1.279	.....
April.....	1.345	.901	1.154	1.222	.695	.812	.946	1.287	2.17	.74	1.279	.95
May.....	1.364	.912	1.159	1.222	.701	.818	.953	1.315	2.18	.....	1.292	.....
June.....	1.359	.920	1.169	1.225	.704	.822	.959	1.352	2.25	.....	1.278	.....
July.....	1.367	.916	1.176	1.247	.710	.820	.956	1.386	2.29	.78	1.281	1.04
August.....	1.366	.917	1.176	1.269	.711	.817	.968	1.394	2.30	.....	1.295	.....
September.....	1.365	.923	1.192	1.265	.724	.824	.983	1.401	2.32	.....	1.313	.....
October.....	1.376	.922	1.188	1.258	.727	.824	.988	1.413	2.33	.69	1.314	1.08
November.....	1.381	.918	1.202	1.266	.732	.833	.977	1.413	2.34	.....	1.341	.....
December.....	1.387	.919	1.206	1.257	.732	.833	.986	1.413	2.35	.....	1.338	.....
Monthly average.....	1.359	.910	1.170	1.235	.709	.817	.961	1.349	2.25	.73	1.328	1.02
1949												
January.....	1.403	.943	1.233	1.261	.735	.843	.987	1.417	2.35	.77	1.352	1.00
February.....	1.403	.937	1.228	1.256	.738	.841	.983	1.417	2.35	.....	1.370	.....
March.....	1.401	.933	1.231	1.273	.731	.845	.986	1.424	2.38	.....	1.337	.....
April.....	1.407	.936	1.227	1.302	.732	.843	.994	1.428	2.38	.71	1.380	1.06
May.....	1.421	.960	1.234	1.310	.738	.850	1.011	1.431	2.38	.....	1.389	.....
June.....	1.416	.968	1.244	1.312	.745	.849	.997	1.441	2.39	.....	1.375	.....
July.....	1.425	.964	1.244	1.312	.746	.844	.986	1.465	2.41	.74	1.392	1.16
August.....	1.403	.961	1.244	1.306	.745	.840	.978	1.470	2.44	.....	1.373	.....
September.....	1.409	.961	1.258	1.308	.746	.842	.990	1.478	2.45	.....	1.565	.....
October.....	1.427	.952	1.247	1.294	.743	.841	.977	1.478	2.46	.64	1.562	1.17
November.....	1.425	.945	1.256	1.289	.753	.837	.977	1.478	2.46	.....	1.569	.....
December.....	1.423	.948	1.254	1.272	.759	.844	.987	1.478	2.46	.....	1.572	.....
Monthly average.....	1.414	.950	1.242	1.292	.743	.843	.988	1.450	2.41	.72	1.442	1.13
1950												
January.....	1.432	.967	1.267	1.282	.753	.847	.989	1.485	2.46	.75	1.574	1.17
February.....	1.446	.963	1.268	1.275	.765	.843	.984	1.485	2.47	.....	1.601	.....
March.....	1.453	.960	1.269	1.293	.755	.843	.995	1.486	2.47	.....	1.552	.....
April.....	1.466	.960	1.270	1.318	.756	.850	1.002	1.493	2.48	.70	1.574	1.13
May.....	1.463	.975	1.267	1.318	.756	.857	1.016	1.511	2.49	.....	1.558	.....
June.....	1.476	.984	1.270	1.357	.761	.865	1.024	1.528	2.52	.....	1.555	.....
July.....	1.494	.990	1.286	1.354	.765	.858	1.015	1.538	2.52	.73	1.579	1.20
August.....	1.489	.991	1.278	1.396	.771	.858	1.004	1.561	2.54	.....	1.552	.....
September.....	1.497	.992	1.290	1.393	.783	.870	1.023	1.561	2.55	.....	1.586	.....
October.....	1.508	.992	1.295	1.393	.788	.873	1.028	1.568	2.57	.66	1.566	1.23
November.....	1.519	.979	1.310	1.377	.795	.879	1.025	1.574	2.57	.....	1.587	.....
December.....	1.541	.969	1.313	1.381	.801	.883	1.029	1.574	2.58	.....	1.603	.....
Monthly average.....	1.483	.977	1.282	1.349	.771	.861	1.012	1.530	2.52	.69	1.574	1.19

For footnotes giving source of data and description of series, see pp. 220, 221.

FINANCE—BANKING

YEAR AND MONTH	ACCEPTANCES AND COMMERCIAL PAPER OUTSTANDING		AGRICULTURAL LOANS OUTSTANDING OF AGENCIES SUPERVISED BY THE FARM CREDIT ADMINISTRATION ³							BANK DEBITS ⁶			CONDITION OF BANKS				
	Bankers' acceptances ¹	Commer- cial pa- per ²	Total	Farm mortgage loans			Loans to coop- era- tives ⁴	Short- term cred- it ⁵	Total (141 centers)	New York City	Outside New York City	Federal Reserve Banks, end of year or month ⁷					
				Total	Fedral land banks	Land Bank Com- mis- sion- er						Assets				Gold certi- ficate re- serves	
												Total	Reserve bank credit outstanding				
												Total	Dis- counts and advances	U.S. Govt. secur- ities ⁸			
Millions of dollars																	
1935 monthly average ⁹ ..	397	171	3,148	2,867	2,072	795	97	184	31,181	15,334	15,847	11,026	2,486	5	2,431	7,571	
1936 monthly average ⁹ ..	373	215	3,197	2,901	2,064	837	125	172	35,717	17,411	18,306	12,525	2,500	3	2,430	8,865	
1937 monthly average ⁹ ..	343	279	3,162	2,848	2,035	813	120	194	36,087	16,486	19,601	12,880	2,612	10	2,564	9,129	
1938 monthly average ⁹ ..	270	187	3,037	2,735	1,982	753	112	193	31,127	14,065	17,062	15,581	2,601	4	2,564	11,798	
1939 monthly average ⁹ ..	233	210	2,889	2,596	1,905	691	99	196	32,473	14,282	18,192	19,027	2,593	7	2,484	15,209	
1940 monthly average ⁹ ..	209	218	2,804	2,500	1,851	648	93	212	34,045	14,299	19,746	23,262	2,274	3	2,184	19,760	
1941 monthly average ⁹ ..	194	375	2,726	2,361	1,764	597	133	232	40,971	16,477	24,494	24,353	2,361	3	2,254	20,504	
1942 monthly average ⁹ ..	118	230	2,502	2,115	1,603	512	159	228	47,892	18,905	28,986	29,019	6,679	6	6,189	20,554	
1943 monthly average ⁹ ..	117	202	2,275	1,764	1,358	406	245	267	59,648	24,697	34,951	33,955	12,239	5	11,543	19,766	
1944 monthly average ⁹ ..	129	166	1,918	1,467	1,137	330	217	235	67,328	28,799	38,530	40,269	19,745	80	18,846	18,444	
1945 monthly average ⁹ ..	154	159	1,651	1,256	1,028	228	162	233	73,692	33,712	39,980	45,063	25,091	249	24,262	17,863	
1946 monthly average ⁹ ..	227	228	1,543	1,085	944	140	188	271	78,734	34,790	43,945	45,006	24,093	163	23,350	18,381	
1947																	
January.....	241	236	1,545	1,068	932	135	195	283	83,445	34,305	49,140	45,957	24,754	308	23,941	18,627	
February.....	230	243	1,555	1,060	928	133	194	300	72,944	29,745	43,199	46,547	24,846	356	24,117	19,113	
March.....	228	266	1,559	1,048	919	129	182	329	83,502	33,547	49,955	44,931	23,431	538	22,593	19,222	
April.....	215	256	1,557	1,040	913	126	158	359	78,295	31,391	46,904	44,236	22,205	125	21,857	19,537	
May.....	189	250	1,570	1,034	910	124	152	383	78,359	30,895	47,464	44,882	22,738	179	22,088	19,689	
June.....	183	234	1,595	1,033	910	123	159	403	84,897	35,632	49,267	44,425	22,170	70	21,872	20,039	
July.....	187	244	1,620	1,028	907	121	180	412	83,957	34,779	49,178	44,626	21,875	137	21,549	20,296	
August.....	206	244	1,635	1,018	900	118	205	412	75,048	28,331	46,720	45,615	22,759	185	22,192	20,534	
September.....	219	242	1,636	1,007	891	115	240	390	81,799	31,837	49,962	46,353	22,730	92	22,329	20,723	
October.....	237	283	1,630	993	882	111	284	354	94,058	37,504	56,554	46,583	22,906	296	22,168	21,044	
November.....	245	287	1,605	982	875	107	288	336	82,740	31,738	51,002	47,205	22,975	331	22,209	21,363	
December.....	261	287	1,592	973	869	103	281	338	106,520	46,225	60,295	47,712	23,181	85	22,559	21,497	
Monthly average.....									83,797	33,827	49,970						
1948																	
January.....	262	290	1,602	962	862	100	278	361	93,970	37,615	56,355	47,327	22,782	327	21,925	21,701	
February.....	253	301	1,619	958	860	98	270	391	80,778	32,271	48,507	46,991	22,109	431	21,024	21,776	
March.....	241	311	1,640	955	860	95	249	436	96,487	39,587	56,900	46,589	21,607	430	20,887	21,878	
April.....	242	275	1,662	954	861	93	237	473	91,640	37,955	53,685	45,499	20,858	249	20,340	21,910	
May.....	256	254	1,678	954	864	90	223	501	87,236	35,429	51,807	46,270	21,576	306	20,662	22,036	
June.....	253	270	1,710	952	864	88	234	524	97,300	40,633	56,667	47,067	21,900	266	21,366	22,258	
July.....	235	284					251	537	91,804	35,832	55,972	47,072	22,035	318	21,325	22,407	
August.....	221	309					262	539	87,149	33,031	54,118	47,246	22,107	323	21,577	22,465	
September.....	214	305	1,739	943	861	82	278	517	93,511	37,531	55,980	49,632	24,071	325	23,413	22,603	
October.....	221	285					301	480	95,582	38,169	57,413	49,514	23,875	339	23,042	22,726	
November.....	239	287					314	449	91,569	34,754	56,815	49,803	23,881	337	23,209	22,889	
December.....	259	269	1,677	932	857	75	311	435	109,908	46,194	63,714	50,043	24,097	223	23,333	22,966	
Monthly average.....									93,078	37,417	55,661						
1949																	
January.....	262	268					299	444	94,080	38,429	55,651	48,585	22,914	456	22,109	23,025	
February.....	228	268					289	466	80,180	31,982	48,198	48,448	22,855	251	22,342	23,045	
March.....	215	257	1,710	936	866	70	270	504	98,335	39,698	58,637	48,051	22,267	246	21,688	23,077	
April.....	204	249					262	537	89,206	35,832	53,374	47,396	21,737	303	21,094	23,099	
May.....	195	219					252	565	88,969	36,974	51,995	45,483	20,092	247	19,704	23,116	
June.....	198	199	1,786	946	880	65	250	591	98,286	42,890	55,396	45,502	19,696	103	19,343	23,245	
July.....	194	211					258	600	88,362	36,467	51,895	44,937	19,238	317	18,529	23,285	
August.....	189	230					261	590	88,546	36,070	52,476	44,192	18,225	531	17,524	23,362	
September.....	207	265	1,791	951	890	62	281	559	90,266	37,191	53,075	44,323	18,415	109	18,010	23,350	
October.....	215	278					306	506	90,759	36,334	54,425	43,513	17,860	283	17,316	23,320	
November.....	251	278					313	471	88,599	35,249	53,350	44,272	18,267	322	17,682	23,232	
December.....	272	257	1,712	956	899	57	306	450	106,284	45,781	60,503	45,643	19,499	78	18,885	23,176	
Monthly average.....									91,823	37,741	54,081						
1950																	
January.....	280	258					294	453	95,359	38,962	56,397	44,194	18,326	145	17,827	23,168	
February.....	256	257					279	476	86,292	35,727	50,565	44,097	18,226	130	17,746	23,120	
March.....	245	258	1,744	969	916	53	265	510	104,033	43,112	60,923	43,568	18,070	225	17,592	23,020	
April.....	237	257					255	540	91,682	37,025	54,657	43,895	18,301	113	17,796	23,035	
May.....	231	250					247	564	100,301	41,463	58,838	43,525	17,935	306	17,389	22,998	
June.....	279	240	1,816	980	931	49	246	589	107,113	43,781	63,332	44,284	18,703	43	18,331	22,982	
July.....	335	259					246	606	98,509	38,757	59,752	43,804	18,466	219	17,969	22,886	
August.....	374	286					251	606	115,490	50,067	65,423	44,049	18,820	82	18,386	22,389	
September.....	397	308	1,838	988	941	47	269	582	110,106	44,910	65,196	45,604	20,340	72	19,572	22,235	
October.....	383	312					305	546	111,974	43,837	68,137	44,826	19,798	116	19,252	22,045	
November.....	383	325					331	519	110,132	43,740	66,392	45,448	20,638	161	19,693	21,798	
December.....	394	333	1,861	989	946	43	350	522	125,435	52,590	72,845	47,172	22,216	67	20,778	21,458	
Monthly average.....									104,702	42,831	61,872						

For footnotes giving source of data and description of series, see pp. 221, 222.

FINANCE—BANKING—Continued

YEAR AND MONTH	CONDITION OF BANKS													
	Federal Reserve Banks, end of year or month ¹						Federal Reserve weekly reporting member banks in leading cities, Wednesday nearest end of year or month ²							
	Liabilities					Reserve ratio	Deposits							
	Total	Deposits			Federal Reserve notes in circulation		Demand, adjusted (excl. U. S. Govt. and inter-bank) ³	Demand, except interbank			Time, except interbank			Inter-bank (demand and time)
		Total	Member bank reserve balances	Excess reserves (estimated)				Individuals, partnerships, and corporations	States and political subdivisions	U. S. Government	Total ⁴	Individuals, partnerships, and corporations	States and political subdivisions	
Millions of dollars						Percent	Millions of dollars							
1935 monthly average ⁵ ..	11,026	6,386	5,587	2,844	3,709	77.6	13,887	.....	.....	701	4,911	.....	.....	5,793
1936 monthly average ⁵ ..	12,525	7,109	6,606	1,984	4,284	80.1	15,571	.....	.....	702	5,067	.....	.....	6,436
1937 monthly average ⁵ ..	12,880	7,577	7,027	1,212	4,284	79.9	14,431	.....	.....	691	5,205	.....	.....	5,532
1938 monthly average ⁵ ..	15,581	10,088	8,724	3,205	4,452	83.7	15,986	.....	.....	637	5,160	.....	.....	6,580
1939 monthly average ⁵ ..	19,027	12,941	11,653	5,209	4,959	86.7	18,566	18,474	1,227	574	5,288	5,072	199	8,713
1940 monthly average ⁵ ..	23,262	16,127	14,026	6,615	5,931	90.8	22,299	22,324	1,595	451	5,455	5,234	196	9,757
1941 monthly average ⁵ ..	24,353	14,678	12,450	3,085	8,192	90.8	23,650	23,993	1,721	1,475	5,368	5,172	173	9,696
1942 monthly average ⁵ ..	29,019	15,194	13,117	1,988	12,193	76.3	28,257	28,709	1,759	6,757	5,256	5,130	100	9,876
1943 monthly average ⁵ ..	33,955	15,181	12,886	1,236	16,906	62.6	33,895	34,297	1,696	7,231	6,219	6,037	118	9,416
1944 monthly average ⁵ ..	40,269	16,411	14,373	1,625	21,731	48.4	34,667	35,219	1,735	13,870	7,741	7,584	112	10,765
1945 monthly average ⁵ ..	45,063	18,200	15,915	1,471	24,649	41.7	37,066	37,674	1,949	16,660	9,447	9,304	99	12,275
1946 monthly average ⁵ ..	45,006	17,353	16,139	562	24,945	43.5	^a 46,582	^a 47,252	^a 2,907	^a 1,917	^a 14,063	^a 13,719	^a 259	^a 11,269
1947														
January.....	45,957	18,928	16,063	663	24,387	43.0	46,552	46,106	2,948	1,819	14,096	13,775	237	10,705
February.....	46,547	19,489	15,895	847	24,320	43.5	45,124	45,199	2,937	2,135	14,226	13,887	254	10,546
March.....	44,931	18,249	15,264	344	24,162	45.3	44,482	44,210	3,075	1,817	14,303	13,935	285	10,636
April.....	44,236	17,470	15,826	654	24,022	47.1	46,150	45,798	3,350	1,476	14,349	13,955	312	10,351
May.....	44,882	18,009	16,238	991	24,120	46.7	46,314	45,807	3,268	1,119	14,411	14,005	324	10,126
June.....	44,425	17,748	16,112	738	24,154	47.8	46,626	45,443	3,191	596	14,460	14,055	328	10,581
July.....	44,626	17,869	16,007	399	24,090	48.4	47,145	46,816	3,109	648	14,470	14,061	329	10,320
August.....	45,615	18,695	16,601	828	24,345	47.7	46,954	46,884	3,124	940	14,520	14,104	334	10,833
September.....	46,153	18,718	16,784	841	24,482	48.0	47,056	47,330	3,076	1,561	14,561	14,151	328	11,178
October.....	46,583	19,240	16,956	864	24,481	48.1	47,771	47,988	3,027	969	14,584	14,175	327	11,117
November.....	47,205	19,431	16,974	829	24,651	48.5	48,247	48,379	3,146	741	14,478	14,069	328	11,119
December.....	47,712	19,731	17,899	1,499	24,820	48.3	48,685	49,809	3,246	793	14,609	14,192	338	11,643
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948														
January.....	47,327	20,311	16,919	768	24,156	48.8	48,818	48,701	3,249	693	14,608	14,142	391	10,681
February.....	46,991	19,807	17,062	762	24,045	49.7	47,296	47,134	3,219	1,009	14,801	14,256	471	10,422
March.....	46,589	19,610	16,639	655	23,768	50.4	45,340	45,445	3,363	1,297	14,772	14,221	478	9,750
April.....	45,499	19,007	16,944	737	23,648	51.4	46,671	46,418	3,484	1,309	14,790	14,222	492	9,701
May.....	46,270	19,761	17,021	848	23,675	50.7	46,646	46,627	3,478	1,252	14,877	14,283	517	9,909
June.....	47,067	20,176	17,389	742	23,752	50.7	46,414	46,671	3,517	1,265	15,016	14,417	520	10,203
July.....	47,072	20,518	17,696	877	23,771	50.6	46,839	46,666	3,400	1,259	14,950	14,337	532	10,072
August.....	47,246	20,462	17,679	837	23,935	50.6	47,056	46,919	3,370	1,217	14,895	14,271	539	10,231
September.....	49,632	22,494	19,986	1,038	24,024	48.6	46,660	46,940	3,241	1,704	14,942	14,317	541	10,041
October.....	49,514	22,420	19,736	742	24,062	48.9	46,607	47,474	3,299	1,513	14,944	14,323	536	10,701
November.....	49,803	22,427	19,894	809	24,172	49.1	47,341	47,840	3,292	1,264	14,828	14,238	505	10,472
December.....	50,043	22,791	20,479	1,202	24,161	48.9	47,794	48,214	3,282	1,274	15,028	14,403	540	10,602
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949														
January.....	48,585	22,248	19,540	477	23,609	50.2	46,945	46,576	3,408	1,476	15,087	14,419	582	10,174
February.....	48,448	22,235	19,617	808	23,528	50.4	46,112	46,014	3,418	1,706	15,132	14,452	593	10,163
March.....	48,051	21,754	19,118	686	23,383	51.1	44,909	44,341	3,588	2,095	15,151	14,458	602	9,364
April.....	47,396	21,304	19,076	638	23,327	51.8	46,175	45,737	3,548	1,188	15,226	14,485	648	9,203
May.....	45,483	19,582	18,024	794	23,346	53.8	46,364	46,128	3,683	790	15,283	14,513	667	9,703
June.....	45,502	19,246	17,867	948	23,373	54.5	46,093	45,805	3,361	1,356	15,375	14,596	664	9,524
July.....	44,937	18,968	17,437	752	23,305	55.1	46,282	45,685	3,432	1,591	15,282	14,520	641	10,032
August.....	44,192	18,036	16,512	1,175	23,273	56.6	46,753	46,416	3,367	2,196	15,270	14,502	647	10,095
September.....	44,323	18,173	15,947	771	23,278	56.3	46,457	46,465	3,165	2,636	15,255	14,501	632	10,065
October.....	43,513	17,632	15,850	589	23,247	57.0	46,848	46,867	3,299	2,335	15,228	14,500	605	10,687
November.....	44,272	17,793	16,038	671	23,373	56.4	47,648	48,037	3,255	2,117	15,162	14,431	608	10,305
December.....	45,643	18,906	16,568	1,018	23,483	54.7	48,253	48,857	3,296	1,955	15,288	14,537	621	10,729
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950														
January.....	44,194	18,348	16,211	698	22,926	56.1	47,767	47,600	3,456	2,322	15,333	14,578	627	10,394
February.....	44,097	18,064	15,973	583	22,974	56.3	46,926	47,193	3,454	2,302	15,377	14,647	609	10,415
March.....	43,568	17,796	15,657	507	22,911	56.6	46,162	45,848	3,431	2,691	15,397	14,660	617	9,994
April.....	43,895	18,083	15,878	676	22,880	56.2	46,928	46,672	3,601	1,668	15,472	14,717	633	10,356
May.....	43,525	17,655	15,814	526	22,836	56.8	47,533	47,856	3,571	1,982	15,496	14,738	636	9,930
June.....	44,284	18,316	15,934	436	22,921	55.7	47,972	47,925	3,611	2,350	15,552	14,768	652	10,098
July.....	43,804	18,139	16,129	595	22,841	55.8	48,264	48,555	3,443	1,946	15,387	14,613	638	10,345
August.....	44,049	17,912	15,989	219	22,947	54.8	48,995	49,368	3,321	2,390	15,331	14,535	663	10,125
September.....	45,604	19,197	16,709	888	22,997	52.7	49,238	50,198	3,245	2,338	15,329	14,537	662	10,285
October.....	44,826	18,398	16,514	589	23,075	53.2	49,471	50,445	3,362	1,805	15,292	14,513	653	11,032
November.....	45,448	18,682	16,763	645	23,397	51.8	50,546	51,305	3,371	1,624	15,242	14,475	642	10,854
December.....	47,172	19,810	17,681	1,172	23,587	49.4	51,642	53,518	3,393	1,572	15,346	14,578	642	12,956
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see p. 222.

FINANCE—BANKING—Continued

YEAR AND MONTH	CONDITION OF BANKS													
	Federal Reserve weekly reporting member banks in leading cities, Wednesday nearest end of year or month ¹													
	Investments						Loans							
	Total	U. S. Government obligations, direct and guaranteed					Other securities	Total	Commercial, industrial, and agricultural loans	Loans to brokers and dealers in securities	Other loans for purchasing or carrying securities	Real-estate loans	Loans to banks	Other loans
		Total	Bills	Certificates	Bonds and guaranteed obligations ²	Notes								
Millions of dollars														
1935 monthly average ³ ..	12,646	9,594	.....	.....	⁴ 1,126	.....	3,052	8,249	.....	1,163	.....	1,136	76	.....
1936 monthly average ³ ..	13,742	10,479	.....	.....	⁴ 1,238	.....	3,263	9,189	.....	1,289	.....	1,156	66	.....
1937 monthly average ³ ..	12,015	9,134	.....	.....	⁴ 1,116	.....	2,881	9,387	.....	894	.....	1,165	66	1,565
1938 monthly average ³ ..	13,219	9,998	.....	.....	⁴ 1,732	.....	3,221	8,430	.....	848	.....	1,169	115	1,567
1939 monthly average ³ ..	14,413	11,115	595	.....	8,765	1,755	3,298	8,674	.....	700	.....	1,188	50	1,564
1940 monthly average ³ ..	16,137	12,462	611	.....	9,721	2,130	3,675	9,390	.....	584	.....	1,230	37	1,755
1941 monthly average ³ ..	18,715	15,049	883	.....	11,631	2,535	3,666	11,370	.....	535	.....	1,259	35	1,974
1942 monthly average ³ ..	31,148	27,835	3,786	.....	14,922	4,169	3,313	10,321	.....	850	.....	1,199	53	1,533
1943 monthly average ³ ..	38,895	36,109	3,238	.....	19,401	4,720	2,786	10,839	.....	6,421	.....	1,328	63	1,341
1944 monthly average ³ ..	47,257	44,354	2,864	.....	22,086	9,305	2,903	12,630	.....	6,425	.....	1,969	107	1,305
1945 monthly average ³ ..	52,058	48,674	1,761	.....	26,747	8,036	3,384	15,890	.....	7,249	.....	2,791	83	1,714
1946 monthly average ³ ..	⁵ 45,037	⁵ 41,053	⁵ 962	.....	⁵ 30,374	⁵ 3,418	⁵ 3,984	⁵ 19,417	⁵ 11,346	⁵ 1,471	⁵ 1,256	⁵ 2,490	⁵ 72	⁵ 2,782
1947														
January.....	44,601	40,642	438	6,345	30,398	3,461	3,959	19,566	11,599	1,235	1,139	2,563	215	2,815
February.....	43,550	39,619	424	5,382	30,354	3,459	3,931	19,759	11,820	1,191	1,112	2,631	170	2,835
March.....	42,959	38,850	692	5,036	30,307	2,815	4,109	20,020	12,271	874	1,063	2,739	179	2,894
April.....	43,574	39,465	753	5,402	30,472	2,838	4,109	19,864	12,043	833	1,051	2,831	184	2,922
May.....	43,224	39,220	827	5,135	30,556	2,702	4,004	20,015	11,792	1,169	1,009	2,897	191	2,957
June.....	43,094	38,990	989	4,648	30,701	2,652	4,104	20,277	11,809	1,266	986	2,981	158	3,077
July.....	42,971	38,739	638	4,535	30,935	2,631	4,232	20,508	11,967	1,095	1,023	3,079	235	3,109
August.....	42,587	38,354	582	4,138	31,015	2,619	4,233	21,212	12,518	1,166	975	3,171	215	3,167
September.....	42,740	38,400	519	4,025	31,224	2,632	4,340	22,056	13,116	1,234	975	3,244	246	3,241
October.....	42,462	38,192	769	4,032	30,973	2,418	4,270	22,572	13,817	970	976	3,316	187	3,306
November.....	41,798	37,560	948	3,291	30,474	2,847	4,238	23,229	14,368	919	945	3,388	230	3,379
December.....	41,487	37,227	1,530	3,338	29,505	2,854	4,260	23,328	14,650	784	880	3,459	106	3,439
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948														
January.....	41,559	37,323	2,209	3,410	28,965	2,739	4,236	23,394	14,727	674	811	3,516	180	3,486
February.....	40,055	35,845	2,048	3,972	27,266	2,559	4,210	23,439	14,540	831	764	3,569	233	3,502
March.....	38,768	34,433	1,272	3,745	27,111	2,305	4,335	23,452	14,417	905	761	3,615	215	3,539
April.....	39,780	35,475	2,219	3,839	26,997	2,420	4,305	23,160	14,159	809	749	3,669	190	3,584
May.....	39,415	35,218	1,986	4,880	26,017	2,335	4,197	23,521	14,113	1,058	772	3,755	219	3,604
June.....	38,906	34,666	1,704	4,669	25,881	2,412	4,240	23,740	⁶ 14,345	⁶ 1,152	⁶ 780	⁶ 3,825	⁶ 151	⁶ 3,729
July.....	39,224	34,870	2,042	4,420	25,934	2,474	4,354	23,859	14,490	954	778	3,858	268	3,752
August.....	39,136	34,714	2,148	4,164	25,802	2,600	4,422	24,095	14,887	743	737	3,920	239	3,813
September.....	37,006	32,559	1,142	3,745	25,230	2,442	4,447	24,899	15,239	1,043	717	3,961	315	3,870
October.....	37,502	33,268	2,378	4,423	24,794	1,673	4,234	24,730	15,433	662	695	4,021	295	3,872
November.....	37,238	33,075	2,106	4,458	24,823	1,688	4,163	25,092	15,542	974	673	4,044	218	3,893
December.....	37,192	32,987	1,807	4,742	24,594	1,844	4,205	25,559	15,577	1,331	671	4,062	241	3,930
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949														
January.....	37,452	33,268	1,987	5,364	24,890	1,027	4,184	25,244	15,318	1,297	663	4,079	258	3,918
February.....	37,359	33,069	2,000	5,048	24,992	1,029	4,290	24,617	15,147	947	630	4,082	266	3,837
March.....	36,137	31,750	1,063	4,624	25,136	927	4,387	25,034	14,904	1,548	638	4,083	308	3,851
April.....	35,305	32,951	1,827	4,712	25,458	954	4,354	24,010	14,162	1,328	617	4,078	263	3,863
May.....	38,525	34,035	2,105	5,225	25,734	971	4,490	23,811	13,476	1,678	628	4,092	333	3,904
June.....	38,727	34,178	1,832	5,284	26,112	950	4,550	23,882	13,177	1,956	657	4,121	292	3,980
July.....	40,637	35,773	2,603	5,716	26,394	1,060	4,864	23,159	12,826	1,520	663	4,143	264	4,049
August.....	42,288	37,307	3,260	6,392	26,536	1,119	4,981	23,491	12,965	1,609	665	4,185	273	4,102
September.....	42,064	37,004	2,608	7,181	26,091	1,124	5,060	23,998	13,384	1,668	638	4,207	239	4,172
October.....	42,341	37,388	2,618	7,273	26,347	1,150	4,953	24,325	13,694	1,617	597	4,246	211	4,272
November.....	42,226	37,248	2,357	7,245	26,470	1,176	4,978	24,613	13,775	1,623	626	4,299	214	4,393
December.....	42,527	37,469	2,544	6,856	24,637	3,432	5,058	24,894	13,904	1,608	599	4,342	319	4,445
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950														
January.....	42,780	37,595	2,762	6,152	24,796	3,885	5,185	24,486	13,918	1,364	573	4,396	154	4,455
February.....	42,090	36,774	2,212	5,071	24,862	4,629	5,316	24,741	13,834	1,529	570	4,413	302	4,470
March.....	41,677	36,118	1,768	4,638	24,016	5,696	5,559	24,886	13,790	1,670	588	4,465	212	4,540
April.....	41,525	35,916	1,753	4,307	24,080	5,776	5,609	25,009	13,420	1,813	624	4,522	368	4,644
May.....	42,070	36,456	2,125	4,420	24,193	5,718	5,614	25,033	13,359	1,801	627	4,595	235	4,800
June.....	42,376	36,638	2,641	2,916	24,433	6,648	5,738	25,584	13,602	1,717	652	4,682	405	4,912
July.....	41,466	35,496	1,831	2,134	24,513	7,018	5,970	26,381	14,022	1,934	676	4,815	214	5,111
August.....	41,317	35,082	2,297	1,359	23,539	7,887	6,235	27,253	14,739	1,427	743	4,938	358	5,439
September.....	40,265	33,845	2,391	1,156	22,426	7,872	6,420	28,502	15,725	1,487	718	5,035	339	5,590
October.....	39,850	33,535	2,481	1,048	22,246	7,760	6,315	29,387	16,476	1,355	728	5,126	312	5,786
November.....	39,337	32,984	2,044	1,124	22,114	7,702	6,353	30,586	17,084	1,671	792	5,213	377	5,845
December.....	39,795	33,294	2,470	.....	21,573	9,251	6,501	31,417	17,859	1,578	750	5,280	510	5,877
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see pp. 222, 223.

FINANCE—BANKING—Continued

YEAR AND MONTH	MONEY AND INTEREST RATES													SAVINGS DEPOSITS	
	Bank rates on business loans ¹				Discount rate, N.Y. Federal Reserve Bank ²	Federal intermediate credit bank loans ³	Federal land bank loans ⁴	Open market rates, New York City						Balance to credit of depositors	
	In 19 cities	In New York City	In 7 other northern and eastern cities	In 11 southern and western cities				Prime bankers' acceptances, 90 days ⁵	Prime commercial paper, 4-6 months ⁵	N. Y. Stock Exchange ⁶		Yield on U. S. Govt. Securities		N.Y. State savings banks ⁸	U.S. postal savings ⁹
										Call loans, renews	Time loans, 90 days	3-month bills ⁷	3-5 year taxable issues ⁷		
Percent													Millions of dollars		
1935 monthly average ¹⁰	2.93	1.76	3.39	3.76	1.50	2.00	4.31	0.13	0.76	0.56	0.56	0.137	.....	5,189	1,201
1936 monthly average ¹⁰	2.68	1.72	3.04	3.49	1.50	2.00	4.00	.16	.75	.91	1.16	.143	.....	5,246	1,260
1937 monthly average ¹⁰	2.59	1.73	2.88	3.25	1.00	2.00	4.00	.43	.94	1.00	1.25	.447	.....	5,292	1,270
1938 monthly average ¹⁰	2.53	1.69	2.75	3.26	1.00	2.00	4.00	.44	.81	1.00	1.25	.053	.....	5,405	1,252
1939 monthly average ¹⁰	¹¹ 2.10	¹¹ 1.80	¹¹ 2.00	¹¹ 2.50	1.00	1.58	4.00	.44	.59	1.00	1.25	.023	.....	5,599	1,279
1940 monthly average ¹⁰	2.10	1.80	2.00	2.50	1.00	1.50	4.00	.44	.56	1.00	1.25	¹² .014	.....	5,688	1,304
1941 monthly average ¹⁰	2.00	1.80	1.90	2.50	1.00	1.50	4.00	.44	.54	1.00	1.25	.103	.73	5,555	1,314
1942 monthly average ¹⁰	2.20	2.00	2.30	2.60	1.00	1.50	4.00	.44	.66	1.00	1.25	.326	1.46	5,574	1,417
1943 monthly average ¹⁰	2.60	2.20	2.90	2.80	1.00	1.50	4.00	.44	.69	1.00	1.25	.373	1.34	6,174	1,788
1944 monthly average ¹⁰	2.40	2.10	2.70	2.80	1.00	1.50	4.00	.44	.73	1.00	1.25	.375	1.33	7,122	2,342
1945 monthly average ¹⁰	2.20	2.00	2.50	2.50	1.00	1.50	4.00	.44	.75	1.00	1.25	.375	1.18	8,292	2,933
1946 monthly average ¹⁰	2.10	1.80	2.10	2.50	1.00	1.50	4.00	.61	.81	1.16	1.35	.375	1.16	9,170	3,284
1947															
January.....	.....	.....	.....	.....	1.00	1.50	4.00	.81	1.00	1.38	1.50	¹³ .375	1.26	9,232	3,331
February.....	.....	.....	.....	.....	1.00	1.50	4.00	.81	1.00	1.38	1.50	.376	1.26	9,278	3,355
March.....	.....	.....	.....	.....	1.00	1.52	4.00	.81	1.00	1.38	1.50	.376	1.24	9,340	3,375
April.....	.....	.....	.....	.....	1.00	1.52	4.00	.81	1.00	1.38	1.50	.376	1.24	9,377	3,383
May.....	.....	.....	.....	.....	1.00	1.52	4.00	.81	1.00	1.38	1.50	.376	1.27	9,427	3,387
June.....	.....	.....	.....	.....	1.00	1.52	4.00	.81	1.00	1.38	1.50	.376	1.29	9,535	3,393
July.....	.....	.....	.....	.....	1.00	1.52	4.00	.81	1.00	1.38	1.50	.637	1.33	9,556	3,398
August.....	.....	.....	.....	.....	1.00	1.52	4.00	.88	1.00	1.38	1.50	.744	1.31	9,580	3,397
September.....	.....	.....	.....	.....	1.00	1.54	4.00	.94	1.06	1.38	1.50	.791	1.28	9,630	3,407
October.....	.....	.....	.....	.....	1.00	1.54	4.00	.94	1.06	1.38	1.50	.841	1.35	9,655	3,412
November.....	.....	.....	.....	.....	1.00	1.54	4.00	.94	1.06	1.38	1.50	.920	1.47	9,681	3,413
December.....	.....	.....	.....	.....	1.00	1.58	4.00	1.03	1.19	1.38	1.50	.948	1.54	9,802	3,417
Monthly average.....	¹⁴ 2.10	¹⁴ 1.80	¹⁴ 2.20	¹⁴ 2.60	.....	1.53	4.00	.87	1.03	1.38	1.50	.594	1.32	.....	.....
1948															
January.....	.....	.....	.....	.....	1.25	1.58	4.00	1.06	1.31	1.50	1.50	.970	1.63	9,855	3,432
February.....	.....	.....	.....	.....	1.25	1.63	4.00	1.06	1.38	1.50	1.50	.994	1.63	9,904	3,441
March.....	.....	.....	.....	.....	1.25	1.69	4.00	1.06	1.38	1.50	1.50	.997	1.60	9,959	3,435
April.....	.....	.....	.....	.....	1.25	1.85	4.00	1.06	1.38	1.50	1.50	.997	1.58	9,986	3,415
May.....	.....	.....	.....	.....	1.25	1.90	4.00	1.06	1.38	1.50	1.50	.998	1.51	10,017	3,395
June.....	2.47	2.12	2.49	2.92	1.25	1.90	4.00	1.06	1.38	1.50	1.50	.998	1.49	10,110	3,379
July.....	.....	.....	.....	.....	1.25	1.98	4.00	1.06	1.38	1.50	1.50	.997	1.56	10,099	3,368
August.....	.....	.....	.....	.....	1.50	1.98	4.04	1.13	1.44	1.63	1.63	1.033	1.65	10,112	3,356
September.....	2.60	2.32	2.60	3.01	1.50	1.98	4.04	1.19	1.56	1.63	1.63	1.087	1.69	10,141	3,348
October.....	.....	.....	.....	.....	1.50	2.00	4.04	1.19	1.56	1.63	1.63	1.118	1.71	10,149	3,342
November.....	.....	.....	.....	.....	1.50	2.00	4.04	1.19	1.56	1.63	1.63	1.139	1.69	10,194	3,336
December.....	2.64	2.34	2.68	3.02	1.50	2.00	4.04	1.19	1.56	1.63	1.63	1.153	1.64	10,326	3,330
Monthly average.....	¹⁴ 2.57	¹⁴ 2.26	¹⁴ 2.59	¹⁴ 2.98	.....	1.87	4.02	1.11	1.44	1.55	1.55	1.040	1.62	.....	.....
1949															
January.....	.....	.....	.....	.....	1.50	2.02	4.08	1.19	1.56	1.63	1.63	1.159	1.59	10,402	3,334
February.....	.....	.....	.....	.....	1.50	2.02	4.08	1.19	1.56	1.63	1.63	1.163	1.57	10,446	3,333
March.....	2.70	2.42	2.68	3.12	1.50	2.02	4.08	1.19	1.56	1.63	1.63	1.162	1.54	10,518	3,328
April.....	.....	.....	.....	.....	1.50	2.04	4.08	1.19	1.56	1.63	1.63	1.157	1.53	10,550	3,314
May.....	.....	.....	.....	.....	1.50	2.04	4.08	1.19	1.56	1.63	1.63	1.153	1.49	10,600	3,294
June.....	2.74	2.35	2.86	3.17	1.50	2.04	4.08	1.19	1.56	1.63	1.63	1.158	1.42	10,718	3,277
July.....	.....	.....	.....	.....	1.50	2.04	4.08	1.06	1.56	1.63	1.63	.980	1.26	10,753	3,266
August.....	.....	.....	.....	.....	1.50	2.04	4.08	1.06	1.44	1.63	1.63	1.022	1.26	10,786	3,248
September.....	2.63	2.32	2.64	3.07	1.50	2.04	4.08	1.06	1.38	1.63	1.63	1.061	1.34	10,830	3,230
October.....	.....	.....	.....	.....	1.50	2.04	4.08	1.06	1.38	1.63	1.63	1.043	1.38	10,860	3,215
November.....	.....	.....	.....	.....	1.50	2.04	4.08	1.06	1.38	1.63	1.63	1.061	1.37	10,926	3,199
December.....	2.65	2.38	2.67	3.03	1.50	2.04	4.08	1.06	1.33	1.63	1.63	1.102	1.37	11,087	3,188
Monthly average.....	¹⁴ 2.68	¹⁴ 2.37	¹⁴ 2.71	¹⁴ 3.10	.....	2.04	4.08	1.12	1.48	1.63	1.63	1.102	1.43	.....	.....
1950															
January.....	.....	.....	.....	.....	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.090	1.39	11,179	3,183
February.....	.....	.....	.....	.....	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.125	1.44	11,237	3,177
March.....	2.60	2.29	2.55	3.12	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.138	1.45	11,325	3,168
April.....	.....	.....	.....	.....	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.159	1.45	11,363	3,151
May.....	.....	.....	.....	.....	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.166	1.45	11,411	3,125
June.....	2.68	2.34	2.67	3.22	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.174	1.47	11,512	3,097
July.....	.....	.....	.....	.....	1.50	2.00	4.08	1.06	1.31	1.63	1.63	1.172	1.45	11,476	3,061
August.....	.....	.....	.....	.....	1.75	2.00	4.08	1.16	1.44	1.63	1.63	1.211	1.45	11,448	3,021
September.....	2.63	2.32	2.63	3.13	1.75	2.00	4.08	1.31	1.66	1.63	1.63	1.315	1.55	11,462	2,991
October.....	.....	.....	.....	.....	1.75	2.00	4.08	1.31	1.73	1.63	1.63	1.329	1.65	11,464	2,967
November.....	.....	.....	.....	.....	1.75	2.00	4.08	1.31	1.69	1.63	1.63	1.364	1.62	11,525	2,947
December.....	2.84	2.51	2.87	3.28	1.75	2.00	4.08	1.31	1.72	1.63	1.63	1.367	1.64	11,646	2,924
Monthly average.....	¹⁴ 2.69	¹⁴ 2.37	¹⁴ 2.68	¹⁴ 3.19	.....	2.00	4.08	1.15	1.45	1.63	1.63	1.218	1.50	.....	.....

For footnotes giving source of data and description of series, see pp. 223, 224.

FINANCE—CONSUMER CREDIT

CONSUMER CREDIT, END OF YEAR OR MONTH ¹																	
YEAR AND MONTH	Installment credit																
	Total	Sale credit								Cash loans							
		Total	Auto- mobile dealers	Depart- ment stores and mail- order houses	Furni- ture stores	House- hold appli- ance stores	Jewel- ry stores	All other retail stores	Total	Com- mer- cial banks	Credit unions	Indus- trial banks	Indus- trial loan compa- nies	Insured repair and modern- ization loans	Small loan compa- nies	Miscel- laneous lenders	
Millions of dollars																	
1935 monthly average ² ..	4,773	2,622	1,805	940	186	336	171	40	132	817	88	37	3156	(3)	170	287	79
1936 monthly average ² ..	5,933	3,518	2,436	1,289	256	406	255	56	174	1,082	161	58	3191	(3)	244	326	102
1937 monthly average ² ..	6,513	3,960	2,752	1,384	314	469	307	68	210	1,208	258	83	3221	(3)	147	374	125
1938 monthly average ² ..	6,128	3,595	2,313	970	302	485	266	70	220	1,282	312	103	129	95	146	380	117
1939 monthly average ² ..	7,031	4,424	2,792	1,267	377	536	273	93	246	1,632	523	135	131	99	200	448	96
1940 monthly average ² ..	8,163	5,417	3,450	1,729	439	599	302	110	271	1,967	692	174	132	104	268	498	99
1941 monthly average ² ..	8,826	5,887	3,744	1,942	466	619	313	120	284	2,143	784	200	134	107	285	531	102
1942 monthly average ² ..	5,692	3,048	1,617	482	252	440	188	76	179	1,431	426	130	89	72	206	417	91
1943 monthly average ² ..	4,600	2,001	882	175	172	289	78	57	111	1,119	316	104	67	59	123	364	86
1944 monthly average ² ..	4,976	2,061	891	200	183	293	50	56	109	1,170	357	100	68	60	113	384	88
1945 monthly average ² ..	5,627	2,364	942	227	198	296	51	57	113	1,422	477	103	76	70	164	439	93
1946 monthly average ² ..	8,677	4,000	1,648	544	337	386	118	89	174	2,352	956	153	117	98	322	597	109
1947																	
January.....	8,501	4,089	1,656	581	337	372	115	82	169	2,433	1,006	154	122	102	339	601	109
February.....	8,485	4,218	1,711	631	338	369	126	77	170	2,507	1,052	158	125	105	357	601	109
March.....	8,847	4,406	1,804	691	358	376	128	76	175	2,602	1,110	164	128	108	374	608	110
April.....	9,107	4,633	1,935	753	386	391	141	78	186	2,698	1,160	170	133	113	394	617	111
May.....	9,399	4,849	2,057	816	409	410	145	82	195	2,792	1,211	177	138	116	415	623	112
June.....	9,699	5,065	2,192	880	423	427	168	87	207	2,873	1,248	186	143	119	437	628	112
July.....	9,764	5,211	2,261	922	429	433	178	88	211	2,950	1,278	194	148	121	457	639	113
August.....	9,896	5,366	2,353	965	440	447	190	92	219	3,013	1,307	200	152	124	475	642	113
September.....	10,149	5,500	2,457	1,004	462	466	200	96	229	3,043	1,320	204	154	125	494	633	113
October.....	10,523	5,700	2,590	1,047	495	491	216	98	243	3,110	1,350	208	157	127	518	637	113
November.....	11,108	5,995	2,787	1,099	555	527	231	109	266	3,208	1,383	215	162	130	544	659	115
December.....	11,862	6,434	3,086	1,151	650	587	249	144	305	3,348	1,435	225	166	134	568	701	119
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948																	
January.....	11,540	6,468	3,064	1,202	632	559	246	132	293	3,404	1,462	227	165	137	588	705	120
February.....	11,453	6,548	3,090	1,254	624	550	246	127	289	3,458	1,482	230	167	140	610	709	120
March.....	11,945	6,821	3,258	1,367	653	559	257	124	298	3,563	1,530	241	173	143	633	722	121
April.....	12,192	7,094	3,440	1,468	680	578	282	121	311	3,654	1,570	252	180	146	657	727	122
May.....	12,431	7,318	3,590	1,536	703	601	306	121	323	3,728	1,597	260	189	147	676	736	123
June.....	12,773	7,533	3,720	1,602	720	621	322	121	334	3,813	1,634	272	194	150	693	746	124
July.....	12,823	7,738	3,849	1,689	732	629	339	120	340	3,889	1,669	282	199	152	705	757	125
August.....	13,009	7,972	4,018	1,781	759	652	356	118	352	3,954	1,701	291	203	154	717	763	125
September.....	13,314	8,190	4,193	1,858	786	685	377	119	368	3,997	1,712	300	206	155	727	771	126
October.....	13,589	8,233	4,239	1,889	797	687	379	117	370	3,994	1,700	302	204	155	735	772	126
November.....	13,790	8,322	4,310	1,922	812	696	377	127	376	4,012	1,701	304	204	156	740	780	127
December.....	14,366	8,600	4,528	1,961	874	750	387	152	404	4,072	1,709	312	204	160	739	817	131
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949																	
January.....	13,796	8,424	4,370	1,965	815	704	366	141	379	4,054	1,705	309	202	159	737	812	130
February.....	13,409	8,339	4,306	1,996	778	685	353	130	364	4,033	1,695	308	201	159	734	806	130
March.....	13,460	8,429	4,364	2,105	756	675	348	124	356	4,065	1,720	315	203	161	729	807	130
April.....	13,764	8,630	4,517	2,241	760	683	351	123	359	4,113	1,749	323	207	163	725	815	131
May.....	14,037	8,888	4,718	2,386	771	704	367	123	367	4,170	1,788	333	213	165	722	818	131
June.....	14,313	9,123	4,870	2,499	774	718	382	124	373	4,253	1,836	346	219	167	726	827	132
July.....	14,379	9,335	5,010	2,610	766	730	405	121	378	4,325	1,866	357	225	169	732	843	133
August.....	14,611	9,622	5,223	2,761	781	755	417	121	388	4,399	1,897	369	230	171	747	851	134
September.....	14,957	9,899	5,438	2,876	818	784	435	121	404	4,461	1,922	379	235	172	763	855	135
October.....	15,336	10,166	5,661	2,986	855	822	454	123	421	4,505	1,936	385	239	172	780	858	135
November.....	15,884	10,441	5,880	3,085	906	858	464	127	440	4,561	1,944	394	244	173	794	875	137
December.....	16,809	10,890	6,240	3,144	1,010	935	500	163	488	4,650	1,951	402	250	175	801	929	142
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950																	
January.....	16,386	10,836	6,174	3,179	975	902	491	627	627	4,662	1,957	404	251	175	802	931	142
February.....	16,159	10,884	6,213	3,256	958	891	492	616	616	4,671	1,973	408	254	174	792	928	142
March.....	16,338	11,077	6,334	3,355	960	899	502	618	618	4,743	2,026	421	258	176	783	936	143
April.....	16,639	11,322	6,511	3,470	979	913	518	631	631	4,811	2,066	431	262	178	785	945	144
May.....	17,077	11,667	6,733	3,600	1,011	935	537	650	650	4,934	2,134	450	267	182	797	959	145
June.....	17,651	12,105	6,995	3,790	1,032	947	561	665	665	5,110	2,233	474	275	187	816	978	147
July.....	18,295	12,598	7,343	3,994	1,081	976	597	695	695	5,255	2,316	495	282	192	826	995	149
August.....	18,842	13,009	7,613	4,107	1,123	998	658	727	727	5,396	2,401	514	290	197	835	1,009	150
September.....	19,329	13,344	7,858	4,213	1,159	1,028	702	756	756	5,486	2,462	524	295	201	844	1,010	150
October.....	19,398	13,389	7,879	4,227	1,170	1,019	705	758	758	5,510	2,460	524	294	201	853	1,026	152
November.....	19,405	13,306	7,805	4,175	1,172	1,003	702	753	753	5,501	2,435	521	292	200	863	1,037	153
December.....	19,097	13,459	7,904	4,126	1,245	1,029	710	794	794	5,555	2,431	525	291	203	864	1,084	157
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see pp. 224, 225.

FINANCE—CONSUMER CREDIT AND FEDERAL GOVERNMENT FINANCE

YEAR AND MONTH	CONSUMER CREDIT ¹								FEDERAL GOVERNMENT FINANCE							
	Consumer credit, end of year or month			Consumer instalment loans made during the month, by principal lending institutions					Budget receipts and expenditures by major classifications ²							
									Receipts							
	Charge ac- counts	Single-payment loans ⁴	Service credit	Commer- cial banks	Credit unions	Indus- trial banks	Indus- trial loan companies	Small loan companies	Total	Net re- ceipts ³	Customs	Internal revenue			All other re- ceipts	
Income and profits taxes												Employ- ment taxes	Miscel- laneous Internal revenue			
Millions of dollars																
1935 monthly average ⁵ ..	1,292	387	472	11	5 6	24	{ 6 }	38	.....	316	30	103	.....	175	.....	.....
1936 monthly average ⁵ ..	1,419	476	520	21	5 9	30	{ 6 }	51	.....	361	35	131	(?)	182	.....	.....
1937 monthly average ⁵ ..	1,459	537	557	31	5 13	34	{ 6 }	56	.....	479	40	218	56	193	.....	.....
1938 monthly average ⁵ ..	1,487	523	523	38	5 15	20	15	55	.....	463	26	218	56	184	.....	.....
1939 monthly average ⁵ ..	1,544	530	533	57	20	22	16	69	.....	404	28	154	65	192	.....	.....
1940 monthly average ⁵ ..	1,650	536	560	85	25	21	17	76	533	476	27	197	73	215	21	.....
1941 monthly average ⁵ ..	1,764	565	610	100	29	21	17	81	778	706	36	354	86	279	23	.....
1942 monthly average ⁵ ..	1,513	483	648	66	20	15	12	65	1,449	1,358	27	922	111	362	27	.....
1943 monthly average ⁵ ..	1,498	414	687	53	17	13	11	67	2,983	2,874	33	2,212	136	412	190	.....
1944 monthly average ⁵ ..	1,758	428	729	62	17	13	12	72	3,811	3,628	32	2,861	149	512	257	.....
1945 monthly average ⁵ ..	1,981	510	772	79	17	14	13	80	3,941	3,661	33	2,851	146	606	305	.....
1946 monthly average ⁵ ..	3,054	749	874	149	24	19	18	103	3,569	3,234	42	2,423	149	660	297	.....
1947																
January.....	2,764	773	875	189	28	22	20	97	3,832	3,725	47	2,664	58	693	370	.....
February.....	2,602	787	878	184	28	21	20	88	4,640	4,196	36	3,222	387	666	329	.....
March.....	2,768	794	879	220	33	24	23	119	5,726	5,342	39	4,650	114	682	241	.....
April.....	2,782	802	890	218	33	24	24	114	2,621	1,962	41	1,597	75	638	270	.....
May.....	2,835	815	900	219	36	24	24	113	3,204	2,297	37	1,619	364	595	589	.....
June.....	2,887	831	916	222	37	26	24	116	5,345	4,929	35	3,270	121	602	1,317	.....
July.....	2,786	844	923	227	38	29	23	121	2,470	2,281	37	1,382	80	663	308	.....
August.....	2,755	855	920	213	36	25	22	111	2,866	2,438	31	1,668	352	643	172	.....
September.....	2,864	864	921	216	35	27	24	105	4,676	4,612	34	3,435	133	699	375	.....
October.....	3,029	876	918	228	39	28	23	120	2,455	2,339	42	1,345	70	782	216	.....
November.....	3,309	887	917	233	39	27	25	140	3,041	2,692	32	1,666	329	695	319	.....
December.....	3,612	896	920	267	46	33	30	188	4,260	4,197	35	2,769	142	767	547	.....
Monthly average.....	.....	.....	.....	220	36	26	24	119	3,761	3,418	37	2,440	186	677	421	.....
1948																
January.....	3,240	908	924	248	38	27	26	109	4,304	4,196	37	3,237	51	656	323	.....
February.....	3,061	916	928	221	38	25	25	107	4,614	4,158	34	3,159	423	629	369	.....
March.....	3,275	923	926	287	48	32	29	139	6,365	5,874	41	5,165	176	739	244	.....
April.....	3,236	928	934	269	50	31	27	121	2,863	2,239	35	1,858	83	662	225	.....
May.....	3,245	936	932	258	47	31	25	123	3,082	2,324	31	1,785	401	673	192	.....
June.....	3,352	943	945	275	54	37	27	127	5,104	4,859	33	3,701	142	694	534	.....
July.....	3,185	940	960	277	52	33	26	130	2,300	2,096	31	1,254	67	677	271	.....
August.....	3,130	940	967	270	52	32	27	126	2,948	2,505	34	1,568	410	742	194	.....
September.....	3,227	938	959	254	51	31	26	122	4,597	4,543	35	3,632	130	676	124	.....
October.....	3,457	940	959	222	44	29	24	116	2,199	2,101	36	1,180	65	768	150	.....
November.....	3,557	943	968	237	46	31	26	134	2,941	2,540	33	1,583	384	768	173	.....
December.....	3,854	949	963	251	57	36	30	180	4,062	4,014	38	3,042	134	702	146	.....
Monthly average.....	.....	.....	.....	256	48	31	27	128	3,782	3,454	35	2,597	205	699	246	.....
1949																
January.....	3,457	952	963	236	42	31	25	112	3,675	3,579	30	2,762	54	638	192	.....
February.....	3,169	949	952	215	44	28	25	109	3,935	3,381	29	2,690	438	654	123	.....
March.....	3,121	941	969	287	58	36	30	142	6,133	5,435	34	5,100	168	720	111	.....
April.....	3,232	933	969	278	58	33	29	146	2,306	1,340	29	1,308	81	644	244	.....
May.....	3,235	933	981	288	60	35	28	135	2,751	1,945	28	1,544	410	656	114	.....
June.....	3,274	941	975	303	68	38	28	140	4,928	4,767	28	3,819	137	704	240	.....
July.....	3,123	949	972	282	59	35	28	155	2,061	1,946	25	1,209	65	653	110	.....
August.....	3,064	957	968	294	66	37	29	143	2,917	2,479	32	1,568	404	749	164	.....
September.....	3,123	962	973	278	65	34	27	128	4,885	4,832	33	3,893	144	714	101	.....
October.....	3,197	979	994	272	59	34	26	134	1,993	1,881	35	1,060	65	753	79	.....
November.....	3,454	996	993	269	64	36	28	161	2,727	2,344	37	1,489	356	722	124	.....
December.....	3,909	1,018	992	280	69	41	31	232	4,255	4,191	35	3,214	139	720	147	.....
Monthly average.....	.....	.....	.....	274	59	36	28	145	3,547	3,177	31	2,471	205	694	146	.....
1950																
January.....	3,506	1,027	999	269	59	37	27	131	3,480	3,366	37	2,545	67	645	186	.....
February.....	3,233	1,034	1,008	268	61	34	25	126	3,607	2,972	35	2,342	544	599	88	.....
March.....	3,211	1,045	1,005	336	78	43	31	163	5,622	4,820	43	4,429	362	701	88	.....
April.....	3,241	1,067	1,009	307	70	37	28	154	2,092	1,488	34	1,267	93	629	69	.....
May.....	3,290	1,092	1,028	348	83	43	32	168	2,895	2,320	38	1,721	295	704	138	.....
June.....	3,392	1,116	1,038	379	93	46	34	175	4,776	4,404	40	3,526	349	714	146	.....
July.....	3,527	1,133	1,037	381	84	45	32	166	2,148	1,881	39	1,028	204	737	140	.....
August.....	3,636	1,157	1,040	387	88	46	33	166	3,238	2,860	52	1,768	340	948	129	.....
September.....	3,741	1,197	1,047	356	76	40	32	149	4,842	4,605	47	3,635	312	775	73	.....
October.....	3,703	1,250	1,056	298	66	39	28	149	2,300	2,056	57	1,105	186	808	144	.....
November.....	3,739	1,298	1,062	257	64	34	27	165	3,184	2,851	54	1,940	310	746	133	.....
December.....	4,239	1,332	1,067	289	72	37	29	234	4,474	4,211	54	3,163	375	764	117	.....
Monthly average.....				323	75	40	30	162	3,555	3,153	44	2,372	286	731	121	

For footnotes giving source of data and description of series, see p. 225.

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FINANCE—FEDERAL GOVERNMENT FINANCE—Continued

YEAR AND MONTH	BUDGET RECEIPTS AND EXPENDITURES BY MAJOR CLASSIFICATIONS					PUBLIC DEBT AND GUARANTEED OBLIGATIONS								
	Expenditures ¹					Amount outstanding, end of year or month						U. S. savings bonds ⁷		
	Total	Interest on public debt	Veterans Administration ²	National defense and related activities ³	All other expenditures ⁴	Direct debt ⁵				Obligations guaranteed by U. S. Government ⁶	Amount outstanding, end of year or month	Sales	Redemptions	
						Total gross debt	Interest-bearing							Non-interest-bearing
							Total	Public issues	Special issues					
Millions of dollars														
1935 monthly average ⁸ ..	554	64	55	62	373	30,557	29,596	28,868	728	961	4,494	154	⁹ 20	⁸ 1
1936 monthly average ⁸ ..	712	66	192	80	374	34,405	33,699	33,067	632	707	4,662	475	28	2
1937 monthly average ⁸ ..	636	75	90	81	390	37,286	36,716	34,489	2,227	571	4,645	964	44	4
1938 monthly average ⁸ ..	685	77	48	93	467	39,439	39,911	35,755	3,156	528	4,992	1,442	64	6
1939 monthly average ⁸ ..	763	81	46	113	523	41,961	41,465	37,234	4,231	496	5,704	2,209	69	8
1940 monthly average ⁸ ..	804	90	46	231	437	45,039	44,471	39,102	5,370	568	5,917	3,195	89	11
1941 monthly average ⁸ ..	1,686	95	47	1,059	485	58,020	57,533	50,551	6,982	487	6,324	6,140	253	19
1942 monthly average ⁸ ..	4,813	121	49	4,241	402	108,170	107,308	98,276	9,032	862	4,301	15,050	763	24
1943 monthly average ⁸ ..	7,515	183	51	6,931	352	165,877	164,508	151,805	12,703	1,370	4,230	27,363	1,144	132
1944 monthly average ⁸ ..	8,098	250	84	7,574	190	230,630	228,891	212,565	16,326	1,739	1,514	40,361	1,337	278
1945 monthly average ⁸ ..	7,294	342	211	6,563	178	278,115	275,694	255,693	20,000	2,421	567	48,224	1,078	463
1946 monthly average ⁸ ..	3,444	415	545	2,007	477	259,148	257,649	233,064	24,585	1,500	339	49,864	619	536
1947														
January.....	3,019	343	576	1,304	796	259,776	258,378	233,601	24,777	1,399	270	50,407	952	483
February.....	3,731	124	561	1,375	1,672	261,418	258,113	233,176	24,938	3,305	188	50,772	712	398
March.....	3,239	626	566	1,412	636	259,124	255,800	230,618	25,183	3,324	182	50,995	616	449
April.....	3,407	141	596	1,621	1,050	257,701	254,427	229,147	25,280	3,274	178	51,163	572	455
May.....	3,284	92	1,012	1,203	977	258,343	254,975	228,789	26,186	3,368	177	51,282	488	421
June.....	4,996	1,396	601	1,780	1,219	258,286	255,113	227,747	27,366	3,173	90	51,407	482	433
July.....	3,553	245	564	948	1,796	259,448	256,321	227,805	28,516	3,127	80	51,589	559	457
August.....	2,962	103	511	880	1,468	260,097	257,110	227,890	29,220	2,987	79	51,699	460	401
September.....	2,673	668	494	979	532	259,145	256,107	226,587	29,520	3,038	76	51,793	466	431
October.....	2,394	157	481	1,125	631	259,071	256,270	226,822	29,447	2,801	83	51,928	488	404
November.....	2,143	127	526	927	563	258,212	255,591	226,074	29,517	2,621	89	52,039	412	357
December.....	3,176	972	568	987	649	256,900	254,205	225,250	28,955	2,695	81	52,174	487	434
Monthly average.....	3,215	416	588	1,212	999	.....	.....	.....	.....	.....	.....	.....	558	427
1948														
January.....	2,800	401	524	1,063	812	256,574	253,958	224,810	29,148	2,616	77	52,575	770	454
February.....	2,224	142	529	846	707	254,605	252,100	222,854	29,246	2,505	79	52,875	607	364
March.....	3,086	608	597	845	1,036	252,990	250,634	221,362	29,272	2,356	78	53,061	588	462
April.....	2,541	154	582	903	902	252,240	249,920	220,718	29,201	2,320	75	53,133	468	452
May.....	2,222	124	530	930	638	252,236	249,958	220,636	29,323	2,278	75	53,207	432	428
June.....	4,018	1,508	562	929	1,019	252,292	250,063	219,852	30,211	2,229	73	53,333	497	465
July.....	3,741	286	788	1,176	1,491	253,374	251,168	220,381	30,787	2,206	55	54,662	1,673	438
August.....	2,335	114	539	819	863	253,049	250,875	219,987	30,887	2,175	51	54,756	473	442
September.....	3,066	570	487	738	1,271	252,687	250,518	219,297	31,221	2,170	50	54,826	412	407
October.....	2,911	212	490	945	1,263	252,460	250,300	219,077	31,223	2,161	52	54,908	415	393
November.....	3,163	122	618	972	1,450	252,506	250,391	218,992	31,400	2,115	57	54,989	419	406
December.....	4,102	1,112	555	1,034	1,401	252,800	250,579	218,865	31,714	2,220	55	55,197	540	432
Monthly average.....	3,017	446	567	933	1,071	.....	.....	.....	.....	.....	.....	.....	608	429
1949														
January.....	3,205	319	528	1,068	1,291	252,620	250,435	218,675	31,760	2,186	36	55,467	647	476
February.....	2,972	141	547	960	1,324	252,721	250,603	218,799	31,804	2,118	26	55,763	599	369
March.....	3,651	589	640	1,144	1,279	251,642	249,573	217,647	31,926	2,068	24	55,982	590	440
April.....	3,151	178	548	1,080	1,345	251,530	249,509	217,676	31,833	2,021	23	56,103	454	398
May.....	3,104	125	614	1,011	1,354	251,889	249,890	217,975	31,914	2,000	23	56,195	433	415
June.....	4,656	1,570	525	1,210	1,350	252,770	250,762	217,986	32,776	2,009	27	56,333	485	451
July.....	3,434	322	494	1,033	1,585	253,877	251,880	218,831	33,049	1,996	26	56,522	511	425
August.....	3,585	125	522	1,165	1,772	255,852	253,921	220,563	33,358	1,931	27	56,602	449	439
September.....	3,995	544	859	1,024	1,568	256,680	254,756	220,842	33,914	1,923	29	56,663	398	411
October.....	3,111	255	512	1,002	1,352	256,778	254,876	221,066	33,810	1,901	28	56,729	388	396
November.....	3,127	306	547	1,056	1,218	256,982	255,124	221,295	33,829	1,858	29	56,774	383	415
December.....	3,722	1,008	489	1,095	1,130	257,130	255,019	221,123	33,896	2,111	30	56,910	495	466
Monthly average.....	3,476	457	569	1,071	1,379	.....	.....	.....	.....	.....	.....	.....	486	425
1950														
January.....	3,323	463	516	1,046	1,298	256,865	254,869	221,367	33,502	1,997	27	57,108	707	618
February.....	2,496	161	502	936	896	256,368	254,406	221,535	32,871	1,962	27	57,345	581	418
March.....	3,269	636	588	1,051	994	255,724	253,506	221,408	32,098	2,218	24	57,446	524	510
April.....	2,847	184	509	964	1,190	255,718	253,516	221,714	31,802	2,202	22	57,534	423	413
May.....	2,962	136	514	1,007	1,305	256,350	254,183	222,315	31,868	2,167	20	57,576	416	454
June.....	4,296	1,611	465	998	1,222	257,357	255,209	222,853	32,356	2,148	20	57,629	398	456
July.....	3,013	271	449	1,024	1,269	257,541	255,403	222,884	32,518	2,138	16	57,655	417	505
August.....	2,515	134	466	1,149	766	257,874	255,764	223,059	32,705	2,110	18	57,451	350	537
September.....	3,520	646	402	1,037	1,435	257,216	254,968	221,572	33,396	2,247	20	57,473	310	475
October.....	3,170	229	460	1,338	1,142	256,937	254,731	221,191	33,539	2,206	22	58,027	12971	497
November.....	13,102	142	470	1,446	11,045	257,077	254,887	221,156	33,732	2,189	24	58,096	12436	448
December.....	3,742	968	443	1,510	808	256,708	254,282	220,575	33,707	2,425	24	58,248	12541	509
Monthly average.....	3,188	465	481	1,126	1,115	.....	.....	.....	.....	.....	.....	.....	12506	487

For footnotes giving source of data and description of series, see pp. 225, 226.

	GOVERNMENT CORPORATIONS AND CREDIT AGENCIES ¹															
	Assets, except interagency															
		Loans receivable ²										Securities				
YEAR AND MONTH	Total	Total (less reserves)	To aid agriculture	To aid home owners	To aid railroads	To aid other industries	To aid banks	To aid other financial institutions	Foreign loans	All other	Commodities, supplies, and materials	U. S. Government	Other	Land, structures, and equipment	All other assets	
	Millions of dollars															
1935 monthly average ..																
1936 monthly average ..																
1937 monthly average ..																
1938 monthly average ..																
1939 monthly average ³ ..	11,518	7,627									(^u)	713	869	"1,345	964	
1940 monthly average ³ ..	11,828	7,714									(^u)	748	787	"1,736	843	
1941 monthly average ³ ..	12,973	8,106									(^u)	802	702	"2,432	931	
1942 monthly average ³ ..	17,577	8,379									(^u)	940	660	"6,432	1,166	
1943 monthly average ³ ..	25,922 ^a	7,686									(^u)	1,345	609	"12,647	3,635	
1944 monthly average ³ ..	32,070	6,972	3,967	1,220	343	175	54	162	538	926	2,942	1,632	424	16,237	3,864	
1945 monthly average ³ ..	34,042	5,487	3,075	915	223	232	40	227	526	688	2,288	1,683	325	21,017	3,241	
1946 monthly average ³ ..	30,409	6,649	2,884	686	171	192	19	295	2,284	596	1,265	1,873	547	16,924	3,152	
1947 ..																
January.....																
February.....																
March.....	32,338	7,294	3,055	663	167	204	17	238	2,855	590	1,003	1,985	3,426	15,486	3,143	
April.....																
May.....																
June.....	29,666	7,662	2,054	660	164	224	6	293	4,058	597	851	1,777	3,565	12,691	3,120	
July.....																
August.....																
September.....	31,037	9,212	2,200	665	162	240	6	340	5,405	591	1,093	1,725	3,553	12,662	2,792	
October.....																
November.....																
December.....	30,966	9,714	2,299	556	147	272	5	442	5,673	714	822	1,685	3,539	12,600	2,607	
Monthly average.....																
1948 ..																
January.....																
February.....																
March.....	31,107	10,134	2,399	623	147	259	5	379	6,093	613	570	1,845	3,526	12,535	2,496	
April.....																
May.....																

For footnotes giving source of data and description of series, see p. 227.

FINANCE—FEDERAL GOVERNMENT FINANCE—Continued

YEAR AND MONTH	GOVERNMENT CORPORATIONS AND CREDIT AGENCIES ¹						RECONSTRUCTION FINANCE CORPORATION, LOANS AND SECURITIES (AT COST) OUTSTANDING, END OF MONTH ²							
	Liabilities, except interagency				Privately owned interests	U. S. Government interests	Total	Industrial and commercial enterprises, including national defense	Financial institutions	Railroads	States, territories, and political subdivisions	United Kingdom and Republic of the Philippines	Mortgages purchased	Other loans
	Total	Bonds, notes, and debentures		Other liabilities										
		Guaranteed by the U. S.	Other											
Millions of dollars														
1935 monthly average ³..	.....	.....	.....	.....	.....	.....	2,432	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ³..	.....	.....	.....	.....	.....	.....	1,839	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ³..	.....	.....	.....	.....	.....	.....	1,750	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ³..	.....	.....	.....	.....	.....	.....	1,762	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ³ ..	7,414	⁴ 6,653	(^u)	761	387	3,716	1,604	.....	.....	.....	.....	.....	.....	.....
1940 monthly average ³ ..	7,756	⁴ 6,694	(^u)	1,062	405	3,667	1,713	.....	.....	.....	.....	.....	.....	.....
1941 monthly average ³ ..	9,114	⁴ 7,673	(^u)	1,441	424	3,436	2,938	.....	.....	.....	.....	.....	.....	.....
1942 monthly average ³ ..	8,890	⁴ 5,797	(^u)	3,093	438	8,249	5,286	.....	.....	.....	.....	.....	.....	.....
1943 monthly average ³ ..	10,677	⁴ 5,192	(^u)	5,486	440	14,804	8,469	.....	.....	.....	.....	.....	.....	.....
1944 monthly average ³ ..	7,709	1,537	1,395	4,778	504	23,857	9,865	.....	.....	.....	.....	.....	.....	.....
1945 monthly average ³ ..	6,078	555	1,113	4,410	472	27,492	1,861	.....	.....	.....	.....	.....	.....	.....
1946 monthly average ³ ..	5,101	261	1,252	3,588	498	24,810	1,287	.....	.....	.....	.....	.....	.....	.....
1947														
January.....	.....	.....	.....	.....	.....	.....	1,270	.....	.....	.....	.....	.....	.....	.....
February.....	.....	.....	.....	.....	.....	.....	1,268	.....	.....	.....	.....	.....	.....	.....
March.....	4,560	169	1,250	3,142	509	27,268	1,298	.....	.....	.....	.....	.....	.....	.....
April.....	.....	.....	.....	.....	.....	.....	1,290	.....	.....	.....	.....	.....	.....	.....
May.....	.....	.....	.....	.....	.....	.....	⁵ 989	246	191	150	122	224	56	(^o)
June.....	2,634	83	506	2,045	269	26,763	1,028	268	163	147	121	254	74	(^o)
July.....	.....	.....	.....	.....	.....	.....	1,038	267	162	147	117	254	90	.....
August.....	.....	.....	.....	.....	.....	.....	1,057	275	158	147	119	253	105	.....
September.....	2,895	84	667	2,144	138	28,005	1,089	299	156	145	121	250	117	.....
October.....	.....	.....	.....	.....	.....	.....	1,091	296	155	145	123	243	126	.....
November.....	.....	.....	.....	.....	.....	.....	1,096	299	153	145	122	243	131	.....
December.....	2,808	82	689	2,037	143	28,015	1,113	318	153	145	124	238	134	.....
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1948														
January.....	.....	.....	.....	.....	.....	.....	1,106	320	145	144	122	235	136	.....
February.....	.....	.....	.....	.....	.....	.....	1,106	321	143	144	122	234	138	.....
March.....	2,724	76	781	1,868	150	28,233	1,102	316	140	145	124	230	144	.....
April.....	.....	.....	.....	.....	.....	.....	1,096	302	139	145	128	226	153	.....
May.....	.....	.....	.....	.....	.....	.....	1,111	304	139	145	128	225	167	.....
June.....	2,091	41	863	1,187	154	17,875	1,122	303	137	144	135	215	186	.....
July.....	.....	.....	.....	.....	.....	.....	1,154	291	137	145	134	214	198	⁷ 36
August.....	.....	.....	.....	.....	.....	.....	1,169	294	135	145	134	213	214	36
September.....	2,303	52	1,011	1,239	159	18,225	1,189	301	133	143	134	209	233	36
October.....	.....	.....	.....	.....	.....	.....	1,213	305	133	141	134	207	259	36
November.....	.....	.....	.....	.....	.....	.....	1,249	310	132	141	134	204	292	36
December.....	2,666	38	964	1,663	166	18,886	1,282	321	129	138	134	194	331	37
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1949														
January.....	.....	.....	.....	.....	.....	.....	1,323	330	127	138	127	192	363	37
February.....	.....	.....	.....	.....	.....	.....	1,362	340	126	138	135	191	395	37
March.....	2,834	23	884	1,927	170	19,320	1,411	349	125	139	138	185	438	37
April.....	.....	.....	.....	.....	.....	.....	1,465	362	124	138	138	183	483	37
May.....	.....	.....	.....	.....	.....	.....	1,419	380	124	138	130	179	531	37
June.....	2,377	26	865	1,487	172	19,682	1,458	384	123	⁸ 117	30	174	592	37
July.....	.....	.....	.....	.....	.....	.....	1,522	399	122	117	30	173	644	37
August.....	.....	.....	.....	.....	.....	.....	1,603	416	123	117	30	176	703	38
September.....	1,957	28	856	1,074	177	20,460	1,670	434	122	117	30	167	762	37
October.....	.....	.....	.....	.....	.....	.....	1,737	443	121	117	30	165	824	37
November.....	.....	.....	.....	.....	.....	.....	1,825	472	118	117	29	161	891	37
December.....	2,520	28	772	1,720	183	21,030	1,874	481	114	112	29	149	951	37
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1950														
January.....	.....	.....	.....	.....	.....	.....	1,951	500	114	111	29	147	1,012	37
February.....	.....	.....	.....	.....	.....	.....	1,998	507	113	110	27	145	1,060	37
March.....	2,801	21	708	2,072	190	21,368	2,043	516	112	110	27	139	1,102	37
April.....	.....	.....	.....	.....	.....	.....	2,070	524	112	111	25	137	1,125	37
May.....	.....	.....	.....	.....	.....	.....	2,105	542	110	111	25	133	1,147	37
June.....	2,238	18	774	1,446	201	21,679	2,085	518	110	110	25	128	1,156	37
July.....	.....	.....	.....	.....	.....	.....	2,113	525	109	110	25	126	1,180	36
August.....	.....	.....	.....	.....	.....	.....	2,166	535	108	110	25	125	1,227	36
September.....	2,097	19	1,108	970	214	21,791	⁹ 1,009	518	105	111	24	118	⁹ 97	36
October.....	.....	.....	.....	.....	.....	.....	⁹ 997	515	105	111	24	113	⁹ 94	36
November.....	.....	.....	.....	.....	.....	.....	⁹ 899	426	103	108	23	108	⁹ 93	36
December.....	2,406	23	1,190	1,193	234	21,995	⁹ 893	436	103	108	23	97	⁹ 92	36
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

For footnotes giving source of data and description of series, see pp. 227, 228.

FINANCE—LIFE INSURANCE

YEAR AND MONTH	ASSETS, ADMITTED ¹																	
	All companies (Institute of Life Insurance) ²		49 companies (Life Insurance Association of America) ³															
			Bonds and stocks (book value)							Cash			Mortgage loans			Policy loans and premium notes	Real estate hold- ings	Other admit- ted assets
			Total	Government (domes- tic and foreign)		Public utility	Rail- road	Other	Total				Farm	Other				
	Total	U. S. Govern- ment		Total	Farm					Other								
	Millions of dollars																	
1935 monthly average ^{u..}	23,216	15,836	21,385	10,209	4,374	2,722	2,171	2,876	789	762	4,952	989	3,963	3,189	1,752	513		
1936 monthly average ^{u..}	24,874	17,454	22,900	11,897	5,480	3,692	2,563	2,933	922	786	4,705	868	3,837	3,058	1,892	556		
1937 monthly average ^{u..}	26,249	18,925	24,142	13,328	6,256	4,363	2,823	3,030	1,219	667	4,758	814	3,944	3,044	1,931	409		
1938 monthly average ^{u..}	27,755	20,363	25,495	14,397	6,650	4,646	3,277	2,969	1,500	704	4,938	800	4,138	3,039	1,928	486		
1939 monthly average ^{u..}	29,243	21,831	26,847	15,537	7,252	5,063	3,774	2,946	1,565	845	5,121	791	4,330	2,899	1,897	544		
1940 monthly average ^{u..}	30,802	23,495	28,249	16,800	7,839	5,493	4,197	2,993	1,772	944	5,339	789	4,550	2,748	1,827	584		
1941 monthly average ^{u..}	32,731	25,922	29,937	18,571	8,741	6,414	4,774	2,987	2,069	781	5,707	802	4,905	2,582	1,644	645		
1942 monthly average ^{u..}	34,981	28,699	31,884	20,809	10,925	8,739	5,043	2,781	2,059	634	5,933	788	5,145	2,364	1,449	691		
1943 monthly average ^{u..}	37,766	31,994	34,383	23,718	13,794	11,698	5,060	2,750	2,115	743	5,894	741	5,153	2,086	1,171	767		
1944 monthly average ^{u..}	41,054	35,916	37,265	27,099	17,168	15,276	5,099	2,694	2,138	599	5,837	699	5,138	1,872	923	934		
1945 monthly average ^{u..}	44,797	40,240	40,455	30,653	20,641	18,951	4,948	2,821	2,244	615	5,702	666	5,036	1,716	729	1,039		
1946 monthly average ^{u..}	48,191	43,752	43,329	33,488	21,574	19,906	5,373	2,765	3,776	568	6,007	674	5,333	1,651	657	956		
1947																		
January.....	48,473	43,993	43,590	33,631	21,581	19,866	5,395	2,731	3,924	627	6,062	672	5,390	1,647	649	975		
February.....	48,721	44,276	43,802	33,813	21,607	19,872	5,430	2,735	4,042	562	6,130	673	5,457	1,647	648	1,002		
March.....	49,057	44,173	44,076	33,599	21,315	19,547	5,434	2,736	4,113	987	6,197	669	5,528	1,649	643	1,000		
April.....	49,045	44,617	44,254	33,946	21,338	19,571	5,556	2,738	4,313	766	6,263	681	5,582	1,650	655	974		
May.....	49,519	44,921	44,454	34,111	21,310	19,554	5,621	2,747	4,433	692	6,361	690	5,671	1,655	665	970		
June.....	49,888	45,237	44,762	34,289	21,122	19,370	5,847	2,773	4,547	709	6,458	701	5,757	1,660	676	970		
July.....	50,189	45,606	45,024	34,510	21,009	19,260	6,018	2,755	4,729	632	6,588	708	5,880	1,664	685	945		
August.....	50,423	45,774	45,215	34,524	20,889	19,138	6,096	2,753	4,786	657	6,687	714	5,972	1,670	695	983		
September.....	50,652	45,886	45,489	34,491	20,664	18,913	6,226	2,754	4,847	813	6,789	717	6,072	1,673	702	1,020		
October.....	51,031	46,270	45,723	34,717	20,650	18,906	6,377	2,752	4,937	689	6,912	721	6,191	1,677	718	1,010		
November.....	51,276	46,517	45,912	34,847	20,465	18,710	6,557	2,753	5,072	647	7,020	723	6,297	1,680	733	985		
December.....	51,743	46,822	46,279	34,926	20,014	18,277	6,650	2,733	5,529	822	7,181	728	6,453	1,684	750	917		
Monthly average.....																		
1948																		
January.....	52,300	46,998	46,550	34,911	19,755	18,017	6,717	2,741	5,697	963	7,296	730	6,566	1,688	770	922		
February.....	52,515	47,351	46,757	35,093	19,518	17,796	6,839	2,750	5,986	817	7,422	745	6,677	1,694	774	956		
March.....	52,843	47,795	47,061	35,359	19,395	17,658	6,988	2,744	6,232	684	7,560	750	6,810	1,705	789	964		
April.....	53,112	48,098	47,309	35,499	19,162	17,421	7,148	2,776	6,412	594	7,697	764	6,933	1,715	825	979		
May.....	53,349	48,326	47,526	35,566	19,001	17,259	7,270	2,777	6,518	590	7,828	777	7,051	1,725	828	989		
June.....	53,715	48,575	47,869	35,640	18,787	17,054	7,390	2,784	6,679	695	7,977	790	7,186	1,735	847	976		
July.....	53,963	48,855	48,088	35,727	18,530	16,760	7,536	2,810	6,899	656	8,121	802	7,319	1,742	863	979		
August.....	54,214	49,012	48,308	35,705	18,320	16,349	7,638	2,815	6,931	690	8,276	811	7,465	1,752	878	1,008		
September.....	54,493	49,128	48,566	35,663	18,068	16,084	7,770	2,817	7,008	822	8,405	816	7,589	1,761	895	1,020		
October.....	54,757	49,501	48,807	35,854	17,671	15,669	7,949	2,821	7,415	705	8,555	823	7,732	1,769	903	1,021		
November.....	55,004	49,730	49,031	35,899	17,450	15,440	8,073	2,835	7,541	718	8,703	829	7,874	1,779	910	1,021		
December.....	55,512	50,240	49,556	36,153	17,251	15,217	8,298	2,863	7,741	734	8,924	841	8,084	1,796	932	1,016		
Monthly average.....																		
1949																		
January.....	55,746	50,465	49,860	36,220	17,206	15,163	8,331	2,861	7,823	804	9,041	846	8,195	1,808	947	1,041		
February.....	55,984	50,735	50,070	36,348	17,150	15,110	8,396	2,856	7,946	714	9,160	859	8,301	1,817	971	1,062		
March.....	56,309	50,995	50,347	36,433	17,020	14,969	8,475	2,857	8,081	728	9,300	871	8,429	1,828	980	1,077		
April.....	56,589	51,323	50,589	36,567	16,809	14,761	8,594	2,855	8,309	695	9,429	886	8,544	1,841	995	1,063		
May.....	56,872	51,498	50,833	36,578	16,593	14,542	8,686	2,853	8,445	731	9,557	903	8,654	1,853	1,007	1,106		
June.....	57,233	51,921	51,143	36,809	16,379	14,337	8,977	2,865	8,589	676	9,712	915	8,797	1,866	1,028	1,052		
July.....	57,503	52,251	51,364	36,951	16,151	14,106	9,090	2,861	8,849	650	9,828	928	8,900	1,878	1,042	1,015		
August.....	57,768	52,390	51,589	36,911	16,018	13,974	9,134	2,855	8,904	703	9,971	938	9,033	1,892	1,045	1,066		
September.....	58,082	52,640	51,858	36,984	15,989	13,883	9,153	2,856	8,987	692	10,117	948	9,169	1,904	1,059	1,101		
October.....	58,407	52,903	52,134	37,064	15,907	13,781	9,196	2,857	9,104	724	10,234	958	9,276	1,915	1,077	1,120		
November.....	58,699	53,171	52,391	37,162	15,797	13,683	9,262	2,859	9,242	698	10,388	966	9,422	1,925	1,090	1,128		
December.....	59,280	53,652	52,876	37,393	15,919	13,776	9,313	2,864	9,296	705	10,576	978	9,597	1,933	1,102	1,166		
Monthly average.....																		
1950																		
January.....	59,781	53,911	53,182	37,408	15,886	13,747	9,318	2,868	9,335	850	10,697	994	9,703	1,937	1,113	1,177		
February.....	60,080	54,252	53,436	37,585	15,858	13,720	9,471	2,880	9,376	701	10,836	1,013	9,823	1,946	1,124	1,243		
March.....	60,382	54,592	53,697	37,687	15,834	13,684	9,503	2,878	9,472	687	11,016	1,020	9,996	1,963	1,134	1,210		
April.....	60,660	54,839	53,936	37,716	15,790	13,640	9,551	2,906	9,468	689	11,181	1,036	10,144	1,972	1,144	1,234		
May.....	60,973	55,034	54,196	37,678	15,598	13,453	9,638	2,914	9,524	719	11,379	1,054	10,325	1,983	1,159	1,283		
June.....	61,307	55,311	54,476	37,679	15,383	13,256	9,740	2,949	9,607	794	11,611	1,071	10,540	1,994	1,176	1,222		
July.....	61,679	55,675	54,811	37,781	15,366	13,242	9,806	2,948	9,661	726	11,821	1,085	10,736	2,009	1,207	1,267		
August.....	61,988	55,909	55,078	37,731	15,170	13,011	9,900	2,961	9,699	725	12,064	1,099	10,965	2,024	1,216	1,317		
September.....	62,370	56,224	55,381	37,758	15,045	12,839	9,943	2,973	9,797</									

FINANCE—LIFE INSURANCE—Continued

YEAR AND MONTH	INSURANCE WRITTEN (NEW PAID-FOR INSURANCE), VALUE ¹												
	Total	Group and whole-sale	Indus-trial	Ordinary									
				Total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Thousands of dollars													
1935 monthly average ..	.....	.....	.....	606,760	45,080	181,302	136,788	58,868	54,431	23,430	44,224	47,903	
1936 monthly average ..	.....	.....	.....	612,029	45,473	179,426	138,186	59,422	54,789	23,203	44,944	50,065	
1937 monthly average ..	.....	.....	.....	627,789	46,798	180,173	144,415	60,909	56,265	24,525	46,264	51,535	
1938 monthly average ..	.....	.....	.....	543,884	37,887	153,823	115,790	56,073	49,874	21,513	47,660	46,198	
1939 monthly average ..	.....	.....	.....	535,469	41,269	145,410	120,694	54,598	50,498	21,149	41,881	45,160	
1940 monthly average ..	894,689	68,235	279,438	547,017	41,102	149,038	125,688	53,332	54,254	21,257	41,937	45,948	
1941 monthly average ..	1,005,170	107,069	288,180	609,921	48,461	165,010	139,789	56,570	61,559	24,748	44,770	53,746	
1942 monthly average ..	938,588	143,628	267,310	527,651	41,752	139,443	119,150	51,936	51,490	21,237	38,063	50,617	
1943 monthly average ..	1,040,437	160,961	270,733	608,743	46,257	157,295	135,214	61,682	62,209	24,268	42,900	51,472	
1944 monthly average ..	1,109,904	137,693	266,962	705,249	51,259	183,284	154,830	70,304	71,601	27,982	48,970	75,580	
1945 monthly average ..	1,178,311	107,912	257,065	813,335	57,440	210,618	176,689	78,904	86,441	31,978	61,497	84,638	
1946 monthly average ..	1,778,572	190,016	330,863	1,257,692	88,292	318,119	276,338	119,847	137,246	49,810	99,282	129,069	
1947													
January.....	1,790,000	201,000	360,000	1,229,000	94,184	325,519	278,083	117,441	121,406	41,814	87,868	126,363	
February.....	1,767,000	198,000	382,000	1,187,000	87,542	300,770	263,884	113,795	126,064	43,998	88,359	124,802	
March.....	1,900,000	198,000	419,000	1,283,000	87,521	314,208	280,199	123,723	137,364	49,692	102,648	146,134	
April.....	1,847,000	182,000	396,000	1,269,000	89,694	313,179	275,438	124,683	138,713	47,584	99,577	138,314	
May.....	1,886,000	246,000	410,000	1,230,000	84,104	301,884	267,028	119,665	131,960	47,673	96,854	138,746	
June.....	1,887,000	316,000	382,000	1,189,000	78,555	284,748	259,390	118,937	132,384	46,620	95,612	132,372	
July.....	1,918,000	356,000	351,000	1,211,000	77,698	294,459	266,539	119,825	132,090	45,928	102,479	131,542	
August.....	1,668,000	204,000	360,000	1,104,000	72,742	257,155	241,321	109,857	122,249	44,757	93,196	124,992	
September.....	1,635,000	231,000	356,000	1,048,000	68,151	230,915	231,425	106,662	123,870	43,337	93,085	114,125	
October.....	1,909,000	219,000	400,000	1,290,000	90,056	320,629	289,553	127,157	139,933	47,965	94,743	137,677	
November.....	1,849,000	222,000	369,000	1,258,000	84,884	323,303	283,687	124,455	134,444	46,576	92,739	129,148	
December.....	2,261,000	468,000	315,000	1,478,000	91,467	346,029	318,188	153,309	169,053	55,861	114,679	172,564	
Monthly average.....	² 1,877,000	253,000	375,000	² 1,249,000	83,883	301,067	271,228	121,626	134,128	46,820	96,820	134,732	
1948													
January.....	1,849,000	188,000	330,000	1,331,000	89,784	344,125	303,520	126,219	138,434	51,308	100,011	135,058	
February.....	1,680,000	204,000	361,000	1,115,000	71,621	272,248	251,542	107,936	120,973	40,851	87,765	123,968	
March.....	1,888,000	236,000	409,000	1,243,000	81,160	300,745	271,939	117,737	140,564	49,941	99,427	141,405	
April.....	1,894,000	211,000	396,000	1,287,000	84,673	325,701	278,284	119,679	148,006	50,587	98,689	141,159	
May.....	1,780,000	166,000	418,000	1,196,000	80,836	288,604	254,887	111,619	140,390	48,234	98,000	140,120	
June.....	1,850,000	236,000	370,000	1,244,000	82,636	304,524	264,676	119,005	142,879	51,396	102,992	134,864	
July.....	1,903,000	380,000	339,000	1,184,000	77,569	286,866	256,093	113,095	134,163	47,402	96,151	131,461	
August.....	1,740,000	259,000	356,000	1,125,000	71,251	259,400	251,753	110,576	131,488	45,843	97,181	121,729	
September.....	1,625,000	195,000	352,000	1,078,000	67,365	244,257	236,959	108,484	124,970	46,985	90,152	121,458	
October.....	1,720,000	192,000	378,000	1,150,000	75,013	273,377	249,125	110,465	131,947	52,203	89,314	130,972	
November.....	1,808,000	262,000	370,000	1,176,000	78,230	282,299	258,705	108,979	132,065	50,024	93,159	133,155	
December.....	2,303,000	664,000	321,000	1,318,000	84,694	297,970	288,894	133,003	147,213	54,007	107,286	157,992	
Monthly average.....	² 1,875,000	² 270,000	² 371,000	² 1,234,000	78,736	290,010	263,865	115,566	136,091	49,065	96,627	133,715	
1949													
January.....	1,821,000	335,000	357,000	1,129,000	86,061	292,400	254,127	103,257	118,057	42,351	87,223	112,767	
February.....	1,711,000	193,000	375,000	1,143,000	78,041	297,822	249,897	99,135	123,134	46,459	96,805	117,624	
March.....	2,224,000	454,000	433,000	1,337,000	89,457	335,001	289,732	124,128	146,658	54,882	111,386	144,654	
April.....	1,852,000	182,000	414,000	1,256,000	83,693	302,420	267,185	121,575	140,982	52,042	105,612	141,243	
May.....	1,861,000	185,000	431,000	1,245,000	83,232	293,823	258,165	118,178	141,068	52,920	108,223	146,630	
June.....	1,890,000	242,000	396,000	1,252,000	80,583	289,420	263,362	126,641	135,372	52,237	114,029	144,812	
July.....	1,657,000	179,000	356,000	1,122,000	73,483	263,140	234,711	113,158	123,876	45,546	98,741	129,524	
August.....	1,778,000	250,000	381,000	1,147,000	69,439	249,284	242,543	115,799	131,719	49,690	108,361	137,715	
September.....	1,718,000	249,000	384,000	1,085,000	66,900	234,451	231,249	111,818	123,276	49,367	100,958	128,481	
October.....	1,861,000	267,000	416,000	1,178,000	76,537	276,866	251,497	110,597	136,540	53,015	99,119	134,280	
November.....	1,901,000	308,000	395,000	1,198,000	82,810	277,730	256,400	113,208	139,643	51,946	102,344	133,480	
December.....	2,195,000	504,000	360,000	1,331,000	86,403	288,564	280,411	132,518	155,869	58,086	116,951	160,247	
Monthly average.....	² 1,913,000	² 283,000	² 396,000	² 1,233,000	79,720	283,410	256,607	115,834	134,683	50,712	104,146	135,955	
1950													
January.....	1,766,000	212,000	423,000	1,131,000	85,188	292,908	239,299	104,207	124,241	44,181	94,824	111,478	
February.....	2,358,000	706,000	456,000	1,196,000	82,041	293,883	252,604	111,299	135,865	48,161	105,479	126,960	
March.....	2,437,000	443,000	514,000	1,480,000	96,099	359,028	307,224	137,779	165,924	65,418	135,345	155,255	
April.....	2,194,000	382,000	468,000	1,344,000	88,220	316,842	276,777	121,245	158,867	59,824	120,318	153,932	
May.....	2,297,000	341,000	503,000	1,453,000	97,809	335,591	293,216	129,006	178,830	61,467	131,905	171,981	
June.....	2,303,000	431,000	454,000	1,418,000	95,733	324,464	292,125	128,472	168,271	60,353	133,747	165,115	
July.....	2,325,000	515,000	413,000	1,397,000	96,262	312,191	284,447	126,567	174,731	61,620	124,892	164,985	
August.....	2,540,000	349,000	414,000	1,777,000	116,826	360,740	346,181	168,952	238,524	84,024	185,439	211,561	
September.....	2,468,000	617,000	411,000	1,440,000	89,274	293,887	302,440	140,400	176,883	64,139	134,845	183,207	
October.....	2,595,000	700,000	500,000	1,395,000	94,569	320,380	299,050	127,557	162,368	64,876	120,724	157,562	
November.....	2,692,000	881,000	455,000	1,356,000	94,757	332,530	292,837	120,494	147,041	59,763	110,767	150,221	
December.....	2,973,000	1,142,000	389,000	1,442,000	93,610	322,951	299,928	146,044	162,214	55,904	129,324	173,695	
Monthly average.....	² 2,438,000	² 569,000	² 450,000	² 1,418,000	94,199	322,116	290,511	130,169	166,147	60,811	127,301	161,329	

For footnotes giving source of data and description of series, see p. 228.

FINANCE—LIFE INSURANCE—Continued

YEAR AND MONTH	PAYMENTS TO POLICY HOLDERS AND BENEFICIARIES ¹							PREMIUM INCOME (39 COMPANIES) ²					
	Total	Death claim benefits	Matured endowments	Disability payments	Annuity payments	Surrender values	Policy dividends	Total	Accident and health	Annuities	Group	Industrial	Ordinary
	Thousands of dollars												
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	258,861	.....	36,722	9,154	56,244	156,741
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	258,349	.....	33,455	9,936	58,776	156,183
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	261,670	.....	28,516	11,058	62,573	159,523
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	263,164	.....	29,901	11,041	62,276	159,946
1939 monthly average ..	.....	.....	.....	.....	.....	.....	.....	262,774	.....	26,347	11,575	62,814	162,039
1940 monthly average ..	.....	.....	.....	.....	.....	.....	.....	269,658	.....	29,634	12,858	61,402	165,764
1941 monthly average ..	210,435	84,136	21,688	8,471	13,052	47,070	36,017	276,760	.....	31,585	14,713	60,214	170,248
1942 monthly average ..	200,210	83,583	21,793	7,943	13,453	37,212	36,226	281,132	.....	28,087	16,126	63,316	173,603
1943 monthly average ..	197,104	91,541	26,511	7,397	13,900	24,089	33,667	293,171	.....	31,183	18,767	62,444	180,877
1944 monthly average ..	206,771	100,393	29,554	7,161	14,628	19,109	35,926	322,117	.....	40,663	21,630	64,550	195,273
1945 monthly average ..	222,275	106,639	33,889	7,300	15,496	20,112	38,839	341,449	.....	42,718	22,693	66,963	209,074
1946 monthly average ..	232,727	106,697	33,195	7,648	16,993	26,394	41,800	366,762	.....	48,570	24,315	67,976	225,902
1947													
January.....	266,447	116,105	39,995	8,747	22,581	28,201	50,818	417,940	.....	73,068	37,833	71,555	235,484
February.....	238,744	107,841	36,123	7,393	17,911	28,099	41,377	383,857	.....	47,977	25,975	67,306	242,599
March.....	266,482	120,772	38,298	7,907	17,213	30,968	51,324	414,865	.....	49,826	24,554	76,748	263,737
April.....	250,576	112,363	38,468	7,583	18,482	31,782	41,898	348,015	.....	41,184	30,216	58,387	218,228
May.....	245,999	111,679	34,595	7,693	18,315	32,448	41,269	384,468	.....	39,255	27,162	67,521	250,530
June.....	251,165	108,444	34,270	7,753	18,868	32,593	49,237	403,048	.....	46,305	24,301	75,304	257,138
July.....	247,203	115,958	30,997	8,509	19,098	32,522	40,119	381,906	.....	63,020	32,100	60,664	226,122
August.....	218,389	101,415	28,367	6,358	17,574	29,457	35,218	357,502	.....	41,310	27,147	64,056	224,989
September.....	236,414	108,179	30,167	7,269	17,795	30,640	42,364	392,520	.....	47,410	27,720	75,862	241,528
October.....	247,149	112,523	36,261	7,609	18,024	34,205	38,527	370,906	.....	48,640	30,960	59,604	231,702
November.....	219,223	110,334	29,838	6,924	17,975	27,829	35,323	362,185	.....	45,838	22,478	64,837	229,032
December.....	283,410	122,777	31,168	8,118	16,216	36,017	69,114	540,554	.....	109,545	35,849	88,920	306,240
Monthly average.....	247,600	111,615	34,046	7,655	18,338	31,230	44,716	396,481	.....	54,448	28,858	69,230	243,944
1948													
January.....	278,138	121,007	38,987	8,723	24,275	32,694	52,452	427,542	21,621	62,296	33,018	68,570	242,037
February.....	250,600	113,860	35,496	7,111	18,014	31,425	44,694	437,930	27,211	51,207	36,062	68,528	254,922
March.....	307,077	142,339	40,157	8,356	19,438	41,704	55,083	508,581	26,954	87,360	34,665	76,236	283,366
April.....	273,084	123,590	36,706	7,963	19,881	40,498	44,446	404,875	26,106	48,791	31,082	58,264	240,632
May.....	244,544	109,455	32,986	7,472	18,164	36,090	40,377	407,612	24,802	41,296	29,056	69,319	243,139
June.....	284,967	129,695	37,117	8,114	19,512	43,032	52,497	460,066	27,181	52,493	31,360	72,129	276,903
July.....	253,440	116,083	32,185	7,711	20,337	36,569	40,555	432,310	26,036	74,411	34,049	61,357	236,457
August.....	247,279	112,462	30,378	7,581	13,149	43,811	39,898	399,604	25,249	42,812	28,400	69,298	233,845
September.....	258,304	122,692	31,182	7,122	17,581	37,751	41,976	441,581	28,886	52,017	33,487	71,300	255,891
October.....	248,330	110,837	35,290	7,632	18,926	37,345	38,300	393,127	25,792	42,453	28,251	62,415	234,216
November.....	257,971	118,358	37,644	8,212	18,937	38,133	36,687	433,212	26,456	58,814	29,905	68,239	249,798
December.....	333,180	131,229	42,975	8,812	18,641	50,796	80,727	622,752	37,742	114,939	44,759	98,231	327,081
Monthly average.....	269,743	120,551	35,925	7,901	18,905	39,154	47,308	447,433	27,003	60,741	32,841	70,324	256,524
1949													
January.....	296,940	123,024	46,076	8,580	24,207	40,654	54,399	449,255	27,817	76,348	39,000	71,561	234,529
February.....	269,380	117,839	38,101	7,825	17,630	41,746	46,239	451,530	29,185	54,430	37,036	66,868	264,011
March.....	326,028	143,484	44,426	8,142	20,500	50,587	58,889	526,641	34,267	67,864	40,824	77,888	305,798
April.....	285,303	124,889	37,960	8,013	19,256	48,837	46,348	406,246	26,391	47,377	32,182	58,258	242,038
May.....	274,398	119,043	37,318	7,385	19,998	48,593	42,061	437,033	31,655	46,497	34,905	67,835	256,141
June.....	304,428	124,888	42,636	8,347	20,868	51,571	56,118	499,255	33,054	63,102	34,591	75,018	293,490
July.....	267,451	115,810	34,227	7,475	19,970	46,979	42,990	372,943	28,171	44,316	30,362	60,330	239,764
August.....	286,065	130,188	35,505	7,912	18,739	49,893	43,828	434,472	32,927	50,965	37,535	65,659	247,386
September.....	276,238	115,711	36,027	7,641	19,856	49,674	47,329	465,995	29,964	52,865	30,485	75,341	277,340
October.....	276,422	121,365	38,565	8,136	20,078	48,549	39,729	414,068	31,116	53,964	32,973	63,054	232,961
November.....	276,654	121,828	38,559	7,867	19,689	51,073	38,638	435,499	31,627	51,973	31,606	61,410	258,883
December.....	339,057	132,673	37,933	8,534	17,097	59,180	83,640	653,742	42,578	115,207	40,929	108,014	346,914
Monthly average.....	289,863	124,145	38,944	7,988	19,824	48,945	50,017	462,223	31,572	57,909	35,211	70,936	266,604
1950													
January.....	327,079	132,259	46,643	8,969	25,323	53,463	60,422	483,248	32,284	79,118	51,213	72,425	248,208
February.....	288,708	124,549	38,750	7,800	19,434	51,007	47,168	469,517	32,145	64,435	34,444	66,613	271,880
March.....	358,738	152,034	48,070	8,354	21,704	63,116	65,460	558,510	39,696	67,701	42,886	79,324	238,903
April.....	295,802	128,731	40,216	7,884	19,888	52,620	46,463	420,371	33,123	51,566	31,553	58,570	245,559
May.....	313,640	137,941	41,298	8,440	21,466	59,356	45,139	474,305	39,823	52,132	38,311	70,648	273,391
June.....	330,149	133,973	48,117	8,583	21,568	60,244	57,664	539,208	38,584	72,477	39,351	75,220	313,576
July.....	277,771	117,588	36,949	7,462	21,183	50,442	44,147	442,303	34,505	67,160	35,432	61,966	243,240
August.....	302,338	131,433	38,190	8,658	21,090	57,024	45,943	477,976	43,025	54,865	42,113	66,011	271,962
September.....	280,449	115,933	35,834	8,542	19,077	52,607	48,456	476,122	38,796	48,948	30,101	75,080	283,197
October.....	304,642	141,539	40,964	8,282	21,056	50,362	42,439	452,453	46,545	53,741	38,507	64,925	248,735
November.....	305,847	136,412	40,493	8,381	21,253	55,930	43,378	491,850	43,806	64,141	37,849	63,386	282,668
December.....	345,502	137,352	39,566	8,222	18,131	54,309	87,922	757,998	67,596	180,356	60,672	111,091	338,283
Monthly average.....	310,889	132,479	41,258	8,298	20,931	55,040	52,883	503,655	40,827	71,387	40,203	72,105	279,134

For footnotes giving source of data and description of series, see p. 228.

FINANCE—MONETARY STATISTICS

YEAR AND MONTH	GOLD AND SILVER													
	Gold								Silver					
	Monetary stock, U. S., end of year or month ¹	Foreign movement ²			Production reported monthly ³				Ex-ports ⁴	Im-ports ⁴	Price at New York ⁵	Production		
		Net release from earmark	Exports	Imports	Total	Africa	Canada	United States				Canada ⁶	Mexico ⁷	United States ⁷
Mil. of dollars	Thousands of dollars										Dol. per fine oz.	Thousands of fine ounces		
1935 monthly average ..	10,125	18	163	145,082	62,737	35,279	9,581	10,527	1,567	29,544	0.643	1,385	6,299	3,194
1936 monthly average ..	11,258	-7,157	2,294	95,343	69,491	37,375	10,932	12,709	997	15,235	.451	1,528	6,455	5,237
1937 monthly average ..	12,760	-16,703	3,835	135,960	74,449	38,984	11,947	14,013	1,004	7,656	.449	1,915	7,057	5,776
1938 monthly average ..	14,512	-27,788	491	164,955	80,693	41,285	13,782	14,845	590	19,211	.432	1,852	6,751	4,895
1939 monthly average ..	17,644	-44,535	42	297,888	85,935	43,632	14,859	16,366	1,219	7,109	.391	1,930	6,322	4,817
1940 monthly average ..	21,995	-53,722	416	395,789	91,189	47,697	15,491	17,509	306	4,869	.348	1,986	6,887	5,584
1941 monthly average ..	27,727	-33,973	5	81,870	92,532	48,668	15,590	17,431	473	3,921	.348	1,813	6,530	5,761
1942 monthly average ..	22,726	-38,203	9	28,315	81,844	47,358	14,121	10,914	167	3,425	.383	1,725	6,072	4,541
1943 monthly average ..	21,938	-66,968	2,738	8,483	64,507	42,224	10,650	4,067	2,557	2,325	.448	1,445	5,933	3,734
1944 monthly average ..	20,619	-38,314	79,936	9,486	58,461	40,144	8,525	2,982	10,576	1,948	.448	1,136	5,250	3,114
1945 monthly average ..	20,065	-29,721	16,664	7,810	56,918	39,897	7,865	2,709	7,578	2,273	.519	1,079	5,092	2,444
1946 monthly average ..	20,529	38,785	18,456	44,413	58,083	39,065	8,262	4,265	3,038	4,798	.802	1,045	4,025	1,781
1947														
January.....	20,748	196,080	102,593	85,774	60,466	38,310	8,197	7,159	2,945	13,295	.765	833	4,200	2,464
February.....	20,330	-684,474	49,215	69,577	43,409	24,127	7,807	5,030	12,700	4,589	.723	973	4,000	3,713
March.....	20,463	203,540	17,691	171,325	54,394	33,039	9,238	5,048	3,523	5,332	.773	1,138	4,300	3,250
April.....	20,774	271,990	17,458	61,508	57,442	36,196	8,923	5,794	1,865	7,220	.757	924	4,200	2,730
May.....	20,933	13,057	3,028	132,762	62,684	39,581	9,414	6,768	1,387	4,488	.725	1,010	4,200	3,896
June.....	21,266	118,958	2,685	202,917	59,659	38,142	9,421	5,664	1,685	4,408	.668	1,178	4,300	2,746
July.....	21,537	26,745	3,639	222,839	64,152	39,785	9,151	6,866	1,636	3,410	.636	1,117	4,400	1,924
August.....	21,766	42,317	5,118	116,776	61,620	39,181	9,133	6,580	630	4,659	.657	1,153	3,600	2,594
September.....	21,955	153,112	2,085	111,685	60,836	38,833	8,670	6,526	374	4,440	.706	1,004	4,100	2,180
October.....	22,294	-3,968	5,619	456,450	60,647	37,776	9,059	7,733	2,509	6,087	.716	1,137	3,900	3,243
November.....	22,614	-82,786	1,600	267,301	59,741	37,396	8,828	5,791	1,042	6,917	.746	1,036	3,600	3,589
December.....	22,754	-44,592	2,509	180,674	60,436	38,034	9,616	6,828	352	3,296	.746	1,000	3,900	3,724
Monthly average.....	21,498	17,498	17,770	173,299	58,790	36,700	8,955	6,316	2,554	5,678	.718	1,042	4,100	3,004
1948														
January.....	22,935	-14,859	6,590	241,568	60,196	39,079	9,568	5,827	1,636	7,222	.746	1,060	3,700	3,938
February.....	23,036	-72,165	2,560	161,948	56,997	36,561	9,156	5,274	220	6,196	.746	1,145	3,800	2,070
March.....	23,137	-63,376	27,385	127,328	60,647	38,545	10,070	6,157	229	5,331	.746	1,216	3,900	3,383
April.....	23,169	-111,546	28,178	262,334	59,351	38,452	10,013	5,435	5,763	5,560	.746	1,205	3,600	3,216
May.....	23,304	-2,841	61,887	213,214	61,500	38,672	10,047	6,863	2,564	9,146	.746	1,186	3,400	3,253
June.....	23,532	81,671	44,782	222,523	59,959	38,308	10,152	5,504	42	5,747	.746	1,320	4,500	3,085
July.....	23,679	-188,411	2,486	269,178	64,386	39,013	10,367	6,965	278	4,352	.746	1,971	3,700	2,721
August.....	23,725	59,475	47,353	86,431	62,176	38,173	10,689	7,446	13	4,781	.738	1,678	3,900	2,327
September.....	23,872	98,137	25,993	79,283	61,550	37,817	10,322	7,173	52	5,758	.753	1,360	3,800	3,466
October.....	24,004	970	8,337	129,908	61,103	37,855	10,742	6,325	61	6,910	.772	1,527	4,500	2,957
November.....	24,166	99,659	21,097	75,321	60,482	37,756	10,897	5,091	123	4,973	.736	1,236	3,400	3,414
December.....	24,244	-45,945	24,123	112,141	60,208	37,682	11,444	4,832	1,419	4,908	.700	1,206	3,600	2,281
Monthly average.....	23,699	-13,269	25,064	165,098	60,671	38,160	10,289	5,908	1,033	5,907	.744	1,343	3,817	3,009
1949														
January.....	24,271	-2,690	6,399	72,612	58,152	37,456	10,866	3,647	581	2,116	.700	1,991	4,400	2,761
February.....	24,290	-22,201	4,499	25,978	56,136	35,529	10,795	3,651	261	3,278	.708	984	4,100	2,821
March.....	24,314	-16,725	5,108	24,879	62,031	39,274	12,024	5,327	214	6,444	.715	1,318	4,800	2,743
April.....	24,332	-17,741	12,020	25,615	60,609	37,941	11,467	5,456	4,783	2,825	.715	1,265	4,000	3,341
May.....	24,342	37,775	1,612	11,142	62,964	38,902	11,659	5,406	514	12,190	.715	1,522	4,400	3,614
June.....	24,466	121,632	5,483	12,389	64,613	39,307	12,035	5,312	1,818	10,237	.715	2,231	4,300	2,676
July.....	24,520	-19,936	6,890	137,986	62,877	39,966	11,427	5,510	11,910	6,824	.715	1,762	3,500	2,349
August.....	24,608	-208,540	11,563	268,936	65,993	40,380	12,578	6,288	2,090	6,056	.719	1,214	4,600	2,909
September.....	24,602	-154,799	15,857	114,002	65,180	39,366	12,757	6,021	160	5,628	.732	1,162	4,700	2,167
October.....	25,584	-89,117	2,397	58,527	65,271	39,012	12,827	7,089	86	7,508	.733	1,923	4,000	2,884
November.....	24,479	-63,939	2,998	10,629	65,935	38,509	12,681	7,168	184	6,370	.733	1,526	3,800	3,101
December.....	24,427	-59,399	10,110	8,697	63,478	38,492	13,048	6,392	680	4,060	.733	1,745	4,800	3,193
Monthly average.....	24,306	-41,306	7,078	64,283	62,770	38,678	12,014	5,606	1,940	6,128	.719	1,470	4,121	2,880
1950														
January.....	24,395	-93,162	7,223	46,201	64,007	38,780	12,399	5,869	47	8,065	.733	1,196	3,700	2,965
February.....	24,345	-50,411	4,119	4,350	60,093	36,456	12,247	5,506	30	4,355	.733	1,385	4,100	2,496
March.....	24,246	-95,432	4,338	2,706	66,407	39,661	13,417	6,084	110	6,317	.731	1,768	3,800	3,721
April.....	24,247	-59,175	2,130	55,419	63,247	37,615	12,941	6,717	62	3,412	.718	1,454	3,100	4,224
May.....	24,231	-29,873	1,553	14,628	65,885	39,930	13,082	6,819	70	8,253	.726	1,751	3,800	3,890
June.....	24,231	-17,627	2,246	12,274	66,169	38,940	12,913	6,645	1,219	6,126	.728	1,968	4,400	2,669
July.....	24,136	-89,969	4,069	2,556	64,905	38,969	12,893	7,078	375	10,408	.728	2,286	3,300	4,102
August.....	23,627	-431,378	46,368	4,146	67,390	39,425	13,177	7,890	425	8,904	.728	2,282	4,000	3,660
September.....	23,483	-65,889	108,448	11,998	65,557	38,443	12,771	7,846	334	17,371	.728	2,164	4,000	4,222
October.....	23,249	-146,220	95,967	2,519	67,027	38,306	13,190	8,170	335	12,350	.751	2,398	4,400	2,747
November.....	23,037	-35,311	161,750	3,117	67,674	37,745	13,258	7,545	947	13,870	.800	1,854	4,300	3,433
December.....	22,706	-237,935	95,825	2,833	67,674	37,138	13,407	6,960	2,246	10,602	.800	1,879	4,000	3,939
Monthly average.....	23,699	-112,699	44,503	13,562	67,674	38,445	12,975	6,927	517	9,170	.742	1,868	4,905	3,506

For footnotes giving source of data and description of series, see pp. 228-230.

FINANCE—MONETARY STATISTICS AND PROFITS AND DIVIDENDS

YEAR AND MONTH	MONETARY STATISTICS										PROFITS AND DIVIDENDS, QUARTERLY ^a					
	Money supply								Turnover of demand deposits, except inter-bank and U. S. Government, annual rate ^b		Profits after taxes					
	Currency in circulation ^c	Deposits and currency ^d						Total (200 corp.)			Durable-goods industries					
		Total	Foreign bank deposits (net)	United States Government balances	Deposits, adjusted, and currency (privately held money supply)				Total (106 corp.) ^e	Primary metals and products (39 corp.)	Machinery (27 corp.)	Auto-mobiles and equipment (15 corp.)				
					Total	Demand deposits, adjusted	Time deposits						Currency outside banks			
Millions of dollars										Ratio of debits to deposits		Millions of dollars				
1935 monthly average ^d ..	5,882	55,718	426	4,019	51,273	22,115	24,241	4,917	31.5	22.7	.....	.....	.....	.....	.....	
1936 monthly average ^d ..	6,543	60,450	479	3,611	56,360	25,483	25,361	5,516	31.4	22.4	.....	.....	.....	.....	.....	
1937 monthly average ^d ..	6,550	60,964	564	4,585	55,815	23,959	26,218	5,638	29.5	22.4	.....	.....	.....	.....	.....	
1938 monthly average ^d ..	6,856	63,191	607	4,518	58,066	25,986	26,305	5,775	25.1	19.9	.....	.....	.....	.....	.....	
1939 monthly average ^d ..	7,598	68,359	1,217	3,889	63,253	29,793	27,059	6,401	21.0	19.4	249	149	51	23	63	
1940 monthly average ^d ..	8,732	75,238	1,896	3,334	70,008	34,945	27,738	7,325	17.1	18.6	318	208	89	31	69	
1941 monthly average ^d ..	11,160	82,811	1,498	4,977	76,336	38,992	27,729	9,615	17.3	19.4	380	246	108	37	74	
1942 monthly average ^d ..	15,410	104,306	1,615	11,392	91,299	48,922	28,431	13,946	18.0	18.4	305	196	79	31	65	
1943 monthly average ^d ..	20,449	127,959	2,265	13,306	112,388	60,803	32,748	18,837	20.5	17.4	315	189	77	33	59	
1944 monthly average ^d ..	25,307	155,960	2,175	23,578	130,225	66,930	39,790	23,505	22.4	17.3	314	182	70	32	60	
1945 monthly average ^d ..	28,515	180,806	2,141	27,872	150,793	75,851	48,452	26,490	24.2	16.1	282	144	57	32	37	
1946 monthly average ^d ..	28,952	171,657	1,885	5,768	164,004	83,314	53,960	26,730	25.2	16.5	301	74	68	2-2	2-2	
1947																
January.....	28,262	.....	.....	6,925	162,800	82,500	54,200	26,100	23.8	17.4	604	321	153	45	100	
February.....	28,304	.....	.....	7,481	161,400	80,600	54,600	26,200	24.0	18.1						
March.....	28,230	.....	.....	6,655	161,300	80,400	54,800	26,100	24.9	18.6						
April.....	28,114	.....	.....	4,629	162,400	81,300	55,000	26,100	21.5	17.0	598	334	128	71	112	
May.....	28,261	.....	.....	4,372	162,800	81,500	55,200	26,100	22.7	17.3						
June.....	28,297	169,234	1,657	3,437	164,140	82,186	55,655	26,299	25.6	17.9						
July.....	28,149	.....	.....	3,441	164,800	83,000	55,800	26,000	22.9	17.2	614	327	122	67	114	
August.....	28,434	.....	.....	3,935	165,200	83,300	55,800	26,100	20.6	16.6						
September.....	28,567	.....	.....	4,019	166,500	84,100	56,100	26,300	23.1	18.0						
October.....	28,552	.....	.....	4,538	167,900	85,400	56,300	26,200	23.9	18.2	706	373	141	88	118	
November.....	28,766	.....	.....	4,530	168,400	85,900	56,000	26,500	26.5	19.8						
December.....	28,868	175,348	1,682	3,658	170,008	87,121	56,411	26,476	29.9	20.0						
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	24.1	18.0	630	339	136	68	111	
1948																
January.....	28,111	175,200	1,700	4,500	168,900	86,600	56,500	25,800	26.2	18.7	751	395	150	75	142	
February.....	28,019	173,700	1,800	4,800	167,100	84,600	56,800	25,700	25.6	18.6						
March.....	27,781	171,500	1,800	5,700	164,000	81,500	56,900	25,600	26.4	19.1						
April.....	27,716	171,600	1,600	5,000	165,000	82,700	56,900	25,400	26.5	18.6	770	408	145	83	146	
May.....	27,812	172,200	1,600	5,500	165,200	82,800	57,000	25,400	27.9	18.7						
June.....	27,903	172,857	1,727	5,435	165,695	82,697	57,360	25,638	28.0	19.1						
July.....	27,866	173,400	1,800	5,500	166,000	83,300	57,300	25,500	26.6	19.1	832	470	185	71	175	
August.....	28,055	174,000	1,800	5,600	166,700	83,800	57,300	25,600	23.9	18.5						
September.....	28,118	174,500	1,800	5,900	166,900	83,900	57,300	25,700	27.5	19.4						
October.....	28,176	175,100	1,800	5,100	168,100	85,100	57,300	25,700	27.9	19.3	958	564	240	105	176	
November.....	28,331	175,200	1,900	5,200	168,100	85,200	57,000	25,900	27.8	20.8						
December.....	28,224	176,121	2,103	4,899	169,119	85,520	57,520	26,079	32.1	21.0						
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	27.2	19.2	828	459	180	84	160	
1949																
January.....	27,580	174,900	2,200	4,400	168,200	85,400	57,600	25,200	29.3	19.3	808	487	204	79	177	
February.....	27,557	174,400	2,200	4,900	166,300	83,400	57,800	25,100	27.1	18.6						
March.....	27,439	172,600	2,100	5,400	164,200	81,100	58,000	25,100	27.2	19.2						
April.....	27,417	172,000	2,000	4,500	165,500	82,400	58,100	24,900	27.6	18.6	726	470	144	77	218	
May.....	27,507	171,300	1,800	3,900	165,600	82,500	58,200	25,000	28.3	18.5						
June.....	27,493	171,602	1,927	4,049	165,626	81,877	58,483	25,266	29.8	18.7						
July.....	27,394	171,500	1,900	3,200	166,300	83,100	58,400	24,900	28.7	18.5	799	508	130	75	267	
August.....	27,393	173,800	1,900	5,000	166,900	83,400	58,400	25,100	25.5	17.1						
September.....	27,412	174,400	1,900	6,200	166,300	83,100	58,400	24,900	28.0	18.6						
October.....	27,407	174,900	2,000	5,300	167,700	84,300	58,400	24,900	27.3	18.5	766	424	100	91	200	
November.....	27,543	175,300	2,100	5,000	168,100	85,000	58,000	25,100	27.2	19.1						
December.....	27,600	177,313	2,150	5,382	169,781	85,750	58,616	25,415	32.5	20.0						
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	28.2	18.7	775	472	145	80	215	
1950																
January.....	26,914	177,000	2,200	5,100	169,700	86,400	58,700	24,500	28.6	18.9	801	494	167	81	215	
February.....	27,068	176,200	2,200	5,900	168,200	84,500	59,000	24,700	29.3	18.9						
March.....	27,042	176,000	2,300	6,600	167,100	83,200	59,300	24,600	29.4	19.3						
April.....	27,048	176,100	2,400	5,300	168,400	84,300	59,500	24,600	29.7	19.4	1,046	693	225	93	330	
May.....	27,090	176,700	2,400	5,100	169,200	85,000	59,500	24,700	29.7	19.2						
June.....	27,156	178,568	2,555	6,049	169,964	85,040	59,739	25,185	30.7	20.2						
July.....	27,010	178,200	2,500	5,400	170,200	86,500	59,400	24,400	31.0	20.3	1,245	777	255	108	358	
August.....	27,120	179,200	2,400	5,800	171,000	87,400	59,100	24,500	33.8	19.9						
September.....	27,161	179,900	2,300	6,000	171,600	88,000	59,000	24,500	34.2	21.5						
October.....	27,228	180,100	2,500	4,800	172,800	89,200	59,000	24,600	30.7	20.9	958	576	206	140	186	
November.....	27,595	181,000	2,300	4,900	173,900	90,300	58,700	24,900	31.4	21.7						
December.....	27,741	184,385	2,518	4,950	176,917	92,272	59,247	25,398	37.2	23.0						
Monthly average.....	.....	.....	.....	.....	.....	.....	.....	.....	31.4	20.3	1,013	635	214	106	272	

FINANCE—PROFITS AND DIVIDENDS AND SECURITIES ISSUED

YEAR AND MONTH	PROFITS AND DIVIDENDS, QUARTERLY								SECURITIES ISSUED—COMMERCIAL AND FINANCIAL CHRONICLE ^a							
	Manufacturing corporations ¹							Electric utilities, profits after taxes ²	Securities issued by type of security							
	Profits after taxes				Dividends				Total	New capital						
	Nondurable-goods industries				Total (200 corp.)	Durable-goods industries (106 corp.)	Non-durable-goods industries (94 corp.)			Total	Total	Domestic				Foreign
	Total (94 corp.) ²	Food and kindred products (28 corp.)	Chemicals and allied products (26 corp.)	Petroleum refining (14 corp.)								Total	Corporate	Federal agencies	Municipal, State, etc.	
Millions of dollars																
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	396	118	117	34	13	71	(^d)	2
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	521	164	162	99	2	61	(^d)	1
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	333	175	174	102	13	59	(^d)	3
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	372	196	194	73	40	81	(^d)	5
1939 monthly average ⁵ ..	100	31	41	19	181	101	79	134	488	192	187	32	77	78	(^d)	1
1940 monthly average ⁵ ..	111	31	45	20	214	130	84	137	400	163	162	61	38	63	(^d)	0
1941 monthly average ⁵ ..	135	34	49	33	237	143	94	132	462	238	238	89	106	43	(^d)	3
1942 monthly average ⁵ ..	110	30	39	28	190	114	76	122	176	90	90	52	9	29	(^d)	1
1943 monthly average ⁵ ..	127	32	42	38	194	113	81	125	186	54	53	31	7	15	(^d)	3
1944 monthly average ⁵ ..	132	30	40	48	212	124	88	127	358	78	75	54	1	20	(^d)	1
1945 monthly average ⁵ ..	139	37	44	42	215	125	91	134	671	148	147	105	2	39	(^d)	1
1946 monthly average ⁵ ..	227	64	71	54	236	124	112	160	727	387	386	296	11	79	(^d)	1
1947																
January.....	} 283	74	90	64	246	132	114	190	637	497	497	261	21	215	(^d)	10
February.....									496	317	307	177	34	96	(^d)	21
March.....									858	638	617	312	12	293	(^d)	0
April.....	} 264	52	79	77	271	139	132	163	903	794	784	382	0	402	(^d)	22
May.....									715	361	339	218	15	106	(^d)	0
June.....									1,046	753	753	523	15	214	(^d)	0
July.....	} 287	59	80	91	265	141	123	132	71,058	7881	630	494	12	124	(^d)	1
August.....									508	352	327	133	8	185	(^d)	25
September.....									793	628	628	266	85	277	(^d)	0
October.....	} 333	73	89	118	386	203	183	157	824	722	722	608	0	114	(^d)	0
November.....									712	575	575	474	0	101	(^d)	4
December.....									1,166	1,049	1,045	946	0	99	(^d)	0
Monthly average ⁵	292	65	84	88	292	154	138	161	813	641	605	400	17	186	(^d)	15
1948																
January.....	} 356	61	91	141	285	152	133	184	550	504	504	374	16	114	(^d)	0
February.....									877	821	801	545	39	217	(^d)	21
March.....									1,520	1,368	1,332	671	31	630	(^d)	37
April.....	} 362	64	95	133	311	154	157	154	944	777	775	570	50	156	(^d)	2
May.....									666	605	605	387	35	182	(^d)	0
June.....									968	901	890	586	21	283	(^d)	11
July.....	} 362	60	104	132	307	166	141	143	781	694	693	508	67	118	(^d)	1
August.....									857	682	532	259	35	237	(^d)	150
September.....									672	582	580	462	0	118	(^d)	2
October.....	} 394	71	119	141	499	274	225	174	984	903	652	379	0	273	(^d)	251
November.....									727	654	644	494	0	150	(^d)	10
December.....									901	822	822	696	0	126	(^d)	0
Monthly average ⁵	369	64	102	137	351	187	164	164	871	776	736	495	25	217	(^d)	40
1949																
January.....	} 321	52	100	119	343	197	146	206	757	657	642	442	7	192	(^d)	15
February.....									515	451	451	246	14	191	(^d)	0
March.....									707	611	595	395	26	174	(^d)	16
April.....	} 256	54	83	92	354	188	166	180	952	906	906	684	33	190	(^d)	0
May.....									761	682	682	296	51	335	(^d)	0
June.....									1,649	1,555	1,540	1,201	24	315	(^d)	15
July.....	} 292	63	105	86	331	184	147	175	757	682	682	429	9	244	(^d)	0
August.....									620	311	293	119	0	174	(^d)	18
September.....									749	521	511	128	69	314	(^d)	10
October.....	} 342	64	115	109	629	380	249	196	823	675	639	405	0	234	(^d)	36
November.....									521	412	412	183	0	229	(^d)	0
December.....									791	573	573	375	0	198	(^d)	0
Monthly average ⁵	303	58	101	101	414	237	177	189	819	687	677	424	19	234	(^d)	9
1950																
January.....	} 307	47	117	87	387	220	166	230	1,185	817	817	553	30	233	(^d)	0
February.....									809	711	708	146	13	550	(^d)	3
March.....									1,060	769	750	365	21	363	(^d)	19
April.....	} 353	58	141	95	393	218	175	212	700	540	520	327	23	170	(^d)	20
May.....									1,061	771	770	427	39	304	(^d)	1
June.....									1,285	954	949	598	18	334	(^d)	5
July.....	} 468	88	176	131	583	370	213	171	579	505	505	292	8	204	(^d)	0
August.....									795	555	529	263	0	265	(^d)	26
September.....									943	707	687	270	145	272	(^d)	19
October.....	} 382	59	127	130	873	541	333	211	794	651	646	465	0	181	(^d)	5
November.....									752	598	584	229	0	356	(^d)	14
December.....									840	630	630	394	98	138	(^d)	0
Monthly average ⁵	378	64	140	111	559	338	222	206	925	700	682	369	33	281	(^d)	18

For footnotes giving source of data and description of series, see p. 231.

FINANCE—SECURITIES ISSUED—Continued

YEAR AND MONTH	COMMERCIAL AND FINANCIAL CHRONICLE ¹					SECURITIES AND EXCHANGE COMMISSION ²										
	Securities issued by type of security					New security issues, corporate and noncorporate—estimated gross proceeds										
	Refunding					By type of security					By type of issuer					
	Domestic					Bonds and notes		Common stock			Corporate					
	Total	Total	Corpo- rate	Federal agen- cies	Municipal, State, etc.	Total	Corpo- rate	Common stock	Pre- ferred stock		Total	Manu- fac- turing	Public utility	Rail- road	Com- muni- cation	Real estate and finan- cial
Millions of dollars																
1935 monthly average ..	278	268	155	82	30	557	548	185	2	7	194	.....	107	11	.....	10
1936 monthly average ..	357	344	282	29	32	832	787	336	23	23	381	.....	170	66	.....	33
1937 monthly average ..	158	140	101	23	16	444	386	135	24	34	192	.....	64	29	.....	6
1938 monthly average ..	175	172	106	55	11	494	485	170	2	7	180	.....	103	5	.....	1
1939 monthly average ..	296	289	144	128	16	474	459	165	7	8	180	.....	106	15	.....	9
1940 monthly average ..	238	238	169	29	40	547	523	199	9	15	223	.....	100	27	.....	13
1941 monthly average ..	224	224	130	58	36	1,263	1,240	199	9	14	222	.....	113	31	.....	8
1942 monthly average ..	87	87	35	37	15	2,953	2,941	76	3	9	89	.....	39	4	.....	(³)
1943 monthly average ..	132	123	57	44	22	3,710	3,695	82	5	10	97	.....	40	13	.....	2
1944 monthly average ..	280	274	206	35	34	4,692	4,648	222	14	31	267	.....	119	51	.....	9
1945 monthly average ..	523	514	411	76	27	4,559	4,463	405	33	63	501	.....	193	121	.....	18
1946 monthly average ..	340	325	246	61	17	1,557	1,389	407	74	94	575	.....	180	59	.....	27
1947																
January.....	139	139	107	22	11	1,732	1,660	264	57	15	336	.....	48	33	.....	17
February.....	179	56	31	24	1	1,429	1,314	171	66	49	287	.....	86	8	.....	60
March.....	220	191	140	50	2	1,686	1,621	385	27	38	450	.....	336	12	.....	10
April.....	108	103	81	20	3	1,641	1,481	314	82	78	474	.....	102	17	.....	8
May.....	354	354	319	33	1	1,280	1,139	357	28	112	497	.....	239	37	.....	13
June.....	293	255	214	38	2	2,091	1,951	644	28	113	785	.....	548	29	.....	36
July.....	177	172	121	40	11	1,785	1,598	422	77	111	609	.....	306	28	.....	16
August.....	156	156	112	40	3	1,134	1,107	305	10	17	332	.....	168	23	.....	5
September.....	165	165	122	42	(³)	1,373	1,280	365	27	66	458	.....	313	5	.....	55
October.....	102	102	77	20	5	2,428	2,218	426	150	61	636	.....	312	35	.....	17
November.....	137	137	87	48	2	1,234	1,084	392	119	31	542	.....	285	37	.....	22
December.....	117	117	70	45	2	2,128	1,948	991	107	72	1,170	.....	515	20	.....	34
Monthly average.....	172	162	123	35	4	1,662	1,533	420	65	63	548	.....	271	24	.....	24
1948																
January.....	46	46	3	42	2	1,465	1,411	381	28	26	435	94	128	24	61	62
February.....	56	56	14	39	3	1,573	1,352	414	171	50	635	390	125	35	1	15
March.....	152	152	97	54	1	2,077	2,027	685	21	27	733	108	240	81	94	174
April.....	168	167	52	114	1	1,397	1,286	532	59	52	643	237	261	52	7	45
May.....	61	61	4	49	8	1,218	1,124	360	26	67	453	163	110	24	115	9
June.....	67	67	30	34	3	1,721	1,561	595	45	116	755	104	270	84	155	90
July.....	87	87	17	68	2	2,541	2,492	559	35	14	608	248	126	69	66	49
August.....	176	176	3	123	50	1,216	1,141	178	34	40	252	98	76	30	3	11
September.....	90	90	27	62	1	1,736	1,663	413	61	12	486	114	169	42	84	49
October.....	81	81	19	56	6	1,879	1,792	688	35	52	775	360	192	64	80	45
November.....	73	73	16	56	2	1,426	1,374	455	31	21	507	149	156	75	73	36
December.....	79	79	4	72	3	2,004	1,922	712	68	14	795	158	334	45	163	9
Monthly average.....	95	95	24	64	7	1,687	1,595	498	51	41	590	185	182	52	75	49
1949																
January.....	100	100	1	98	1	1,428	1,353	289	65	11	365	131	128	36	11	10
February.....	65	65	8	53	4	1,352	1,338	369	8	5	383	137	99	55	2	55
March.....	96	96	39	55	1	1,469	1,386	402	42	41	484	106	170	88	43	29
April.....	46	46	1	44	1	1,645	1,461	553	134	50	736	308	244	18	47	78
May.....	79	79	34	38	7	1,558	1,416	311	60	82	453	103	204	49	4	42
June.....	94	94	31	62	1	2,701	2,570	1,154	74	57	1,286	170	530	45	388	91
July.....	75	75	18	56	1	2,385	2,326	474	46	13	533	204	118	51	27	40
August.....	308	204	8	195	1	2,105	2,036	152	46	22	220	45	97	20	12	6
September.....	228	228	43	181	4	1,700	1,639	210	35	27	272	26	94	16	4	59
October.....	148	148	91	53	4	1,633	1,528	308	61	44	413	84	196	41	13	11
November.....	109	109	35	52	22	1,293	1,212	251	44	36	332	36	136	10	17	92
December.....	218	218	105	56	57	1,842	1,684	416	122	36	574	64	305	31	4	85
Monthly average.....	133	124	37	79	9	1,759	1,662	408	61	35	504	118	193	38	48	50
1950																
January.....	369	269	108	159	1	2,099	1,985	501	44	70	615	31	207	94	206	21
February.....	98	83	20	57	6	1,606	1,547	166	47	12	225	56	99	12	(³)	23
March.....	292	229	168	58	3	1,821	1,727	413	66	29	507	59	183	108	17	112
April.....	160	160	89	65	6	1,357	1,160	350	136	62	547	38	278	27	24	109
May.....	290	282	237	31	14	1,657	1,511	502	75	71	647	157	317	68	13	31
June.....	330	330	276	35	20	2,305	2,051	809	160	93	1,063	179	555	77	65	127
July.....	75	75	21	53	1	1,236	1,159	245	47	30	322	72	58	10	20	34
August.....	240	190	134	48	8	1,534	1,480	343	18	36	397	55	215	39	10	39
September.....	236	219	20	193	6	1,239	1,160	329	48	30	408	72	160	10	7	29
October.....	143	77	77	63	3	1,947	1,754	332	88	106	526	176	238	19	16	27
November.....	154	154	74	65	14	1,454	1,383	341	23	48	412	137	164	19	15	42
December.....	210	210	103	79	28	1,514	1,412	466	59	43	569	169	175	70	5	31
Monthly average.....	225	204	112	83	9	1,648	1,527	400	68	53	520	100	221	46	33	52

For footnotes giving source of data and description of series, see pp. 231, 232.

FINANCE—SECURITIES ISSUED—Continued

YEAR AND MONTH	SECURITIES AND EXCHANGE COMMISSION ¹														
	New security issues, noncorporate—estimated gross proceeds			New corporate security issues—estimated net proceeds											
	By type of issuer			Total	Proposed uses of proceeds								Proposed uses by major groups		
	Total	U. S. Government	State and municipal		New money			Retirement of debt and stock			Other purposes	Manufacturing			
					Total	Plant and equipment	Working capital	Total	Funded debt	Other debt		Preferred stock	Total	New money	Retirement of debt and stock
Millions of dollars															
1935 monthly average ..	363	245	103	189	17	9	8	170	149	14	6	2	.....	.....	.....
1936 monthly average ..	451	341	93	369	72	32	40	294	262	13	19	4	.....	.....	.....
1937 monthly average ..	252	158	76	187	83	48	35	101	76	9	16	3	.....	.....	.....
1938 monthly average ..	314	207	92	176	57	42	15	118	93	18	7	1	.....	.....	.....
1939 monthly average ..	294	194	94	176	27	14	13	147	136	6	5	2	.....	.....	.....
1940 monthly average ..	324	210	103	218	47	35	12	169	144	14	11	2	.....	.....	.....
1941 monthly average ..	1,041	956	80	219	72	55	17	144	124	12	8	2	.....	.....	.....
1942 monthly average ..	2,865	2,820	44	87	39	24	16	44	30	11	3	3	.....	.....	.....
1943 monthly average ..	3,612	3,568	36	96	26	12	14	68	56	6	6	2	.....	.....	.....
1944 monthly average ..	4,426	4,369	55	262	55	21	34	203	170	4	29	4	.....	.....	.....
1945 monthly average ..	4,058	3,946	66	492	90	53	37	391	343	11	36	11	.....	.....	.....
1946 monthly average ..	982	851	96	563	273	176	97	271	199	32	40	19	.....	.....	.....
1947															
January.....	1,396	1,170	226	331	192	134	58	132	83	11	38	7	.....	.....	.....
February.....	1,142	921	99	282	219	100	119	53	15	22	16	10	.....	.....	.....
March.....	1,236	891	344	442	296	168	128	135	111	12	11	11	.....	.....	.....
April.....	1,167	746	404	466	268	108	161	193	85	103	5	5	.....	.....	.....
May.....	782	653	110	488	207	122	85	276	204	38	34	5	.....	.....	.....
June.....	1,307	1,051	217	773	524	432	92	243	164	36	43	6	.....	.....	.....
July.....	1,176	790	136	596	443	361	82	132	102	20	10	21	.....	.....	.....
August.....	802	614	188	328	183	143	40	131	107	21	3	14	.....	.....	.....
September.....	915	637	278	450	258	188	70	167	147	12	8	25	.....	.....	.....
October.....	1,792	1,673	118	627	549	395	154	54	17	18	19	25	.....	.....	.....
November.....	692	589	103	528	425	354	71	96	69	19	7	7	.....	.....	.....
December.....	957	854	101	1,155	1,026	905	121	97	51	43	2	33	.....	.....	.....
Monthly average.....	1,114	882	194	539	383	284	99	142	96	30	16	14	.....	.....	.....
1948															
January.....	1,030	913	116	429	367	251	116	39	8	26	5	23	92	59	24
February.....	938	718	220	616	549	309	240	47	10	24	13	21	376	325	30
March.....	1,341	708	633	724	595	358	237	123	88	33	2	7	107	76	30
April.....	754	597	157	632	493	309	184	110	61	44	5	29	234	192	33
May.....	764	574	190	443	378	296	82	34	1	32	1	31	159	110	24
June.....	966	680	286	742	622	486	136	108	18	63	26	13	101	61	30
July.....	1,933	1,813	120	598	424	285	139	113	8	103	2	61	242	129	101
August.....	963	526	287	246	232	178	54	13	2	11	0	1	95	88	7
September.....	1,250	1,128	122	477	400	280	121	50	12	34	4	27	112	100	10
October.....	1,104	825	279	767	718	559	159	45	23	22	(²)	3	357	348	8
November.....	918	763	152	501	463	314	149	34	0	26	8	4	148	131	15
December.....	1,209	1,080	129	783	689	596	93	80	7	70	3	14	157	107	41
Monthly average.....	1,098	861	224	580	494	352	142	66	20	41	6	20	182	144	29
1949															
January.....	1,063	870	193	355	321	287	34	19	2	12	4	16	126	105	9
February.....	969	763	204	379	275	193	82	38	2	35	0	66	136	43	27
March.....	985	792	175	476	374	304	70	99	37	61	0	3	104	74	28
April.....	908	717	190	726	552	420	133	167	7	160	(²)	7	305	176	127
May.....	1,105	759	346	444	347	284	63	89	17	67	6	7	102	46	56
June.....	1,415	1,099	316	1,271	1,087	971	116	175	54	117	4	10	166	77	89
July.....	1,852	1,606	245	526	461	427	35	55	18	36	1	9	202	175	26
August.....	1,884	1,608	175	215	164	133	31	46	17	29	1	5	44	22	19
September.....	1,428	894	318	268	163	109	54	61	19	22	20	43	26	20	6
October.....	1,220	978	238	407	260	214	46	98	58	37	3	49	83	41	19
November.....	961	707	251	327	270	159	111	41	17	24	0	16	36	24	8
December.....	1,268	1,011	255	565	331	223	108	151	111	37	2	83	63	49	10
Monthly average.....	1,255	984	242	497	384	310	74	87	30	53	3	26	116	71	35
1950															
January.....	1,484	1,118	235	606	454	418	36	107	37	57	12	45	30	26	3
February.....	1,381	810	556	221	153	113	40	50	32	15	3	18	54	35	17
March.....	1,314	886	366	498	334	228	106	149	129	19	1	15	58	41	17
April.....	810	633	176	537	363	308	56	164	85	65	14	9	36	18	15
May.....	1,010	689	319	636	269	191	78	353	180	134	40	14	154	53	98
June.....	1,242	882	359	1,049	618	450	169	377	305	66	6	54	175	115	38
July.....	913	706	205	318	214	148	66	45	20	23	2	60	71	48	21
August.....	1,137	773	299	392	222	180	42	152	136	10	5	19	54	28	15
September.....	831	531	279	399	300	243	57	62	23	31	8	37	71	45	22
October.....	1,422	1,228	189	514	306	256	50	177	68	92	17	31	171	59	97
November.....	1,042	655	384	406	306	189	117	88	51	24	13	12	136	100	30
December.....	945	777	166	562	345	242	103	168	83	84	1	49	166	119	43
Monthly average.....	1,128	807	294	512	324	247	77	158	96	52	10	30	98	57	35

For footnotes giving source of data and description of series, see p. 232.

FINANCE—SECURITIES ISSUED—Continued

YEAR AND MONTH	SECURITIES ISSUED													State and municipal issues (Bond Buyer) ²	
	Securities and Exchange Commission ¹														
	New corporate security issues—estimated net proceeds														
	Proposed uses by major groups														
	Public utility			Railroad			Communication			Real estate and financial					
	Total	New money	Retire- ment of debt and stock	Total	New money	Retire- ment of debt and stock	Total	New money	Retire- ment of debt and stock	Total	New money	Retire- ment of debt and stock	Long- term	Short- term	
Millions of dollars													Thousands of dollars		
1935 monthly average ..	104	3	102	10	5	5	.....	.....	.....	10	4	6	99,643	82,297	
1936 monthly average ..	166	5	160	64	12	53	.....	.....	.....	32	18	13	96,355	61,095	
1937 monthly average ..	63	7	54	28	19	9	.....	.....	.....	6	5	1	82,008	59,355	
1938 monthly average ..	101	15	86	5	2	3	.....	.....	.....	1	1	1	102,425	97,327	
1939 monthly average ..	104	4	100	15	7	8	.....	.....	.....	9	1	7	91,550	100,699	
1940 monthly average ..	98	20	77	27	10	17	.....	.....	.....	13	4	9	124,807	135,523	
1941 monthly average ..	112	26	85	30	21	9	.....	.....	.....	8	5	3	102,458	117,315	
1942 monthly average ..	39	12	26	4	3	1	.....	.....	.....	(³)	(³)	0	47,966	92,770	
1943 monthly average ..	39	2	37	13	4	9	.....	.....	.....	2	1	1	42,297	59,264	
1944 monthly average ..	117	3	112	50	9	42	.....	.....	.....	9	5	3	59,359	47,408	
1945 monthly average ..	191	6	182	120	10	110	.....	.....	.....	17	7	7	68,232	55,427	
1946 monthly average ..	177	65	108	59	11	48	.....	.....	.....	27	14	12	100,296	61,737	
1947															
January.....	46	17	28	33	28	5	.....	.....	.....	17	11	5	228,929	77,979	
February.....	84	50	29	8	7	2	.....	.....	.....	60	58	0	100,184	81,067	
March.....	332	222	109	12	9	2	.....	.....	.....	9	1	8	353,502	146,137	
April.....	100	33	66	17	17	0	.....	.....	.....	8	8	(³)	405,776	71,803	
May.....	236	42	193	37	15	22	.....	.....	.....	13	12	(³)	108,502	29,927	
June.....	542	359	181	28	28	0	.....	.....	.....	36	18	18	214,749	49,717	
July.....	301	225	75	28	22	0	.....	.....	.....	15	5	(³)	144,801	136,364	
August.....	167	54	108	23	23	0	.....	.....	.....	5	3	1	194,220	30,715	
September.....	309	159	136	5	4	2	.....	.....	.....	53	38	7	275,006	77,113	
October.....	307	282	9	35	31	4	.....	.....	.....	16	8	(³)	121,034	85,242	
November.....	278	246	31	37	37	0	.....	.....	.....	21	15	1	105,875	23,010	
December.....	510	498	11	20	20	0	.....	.....	.....	33	11	3	101,195	148,464	
Monthly average.....	268	182	81	24	20	3	.....	.....	.....	24	16	4	196,148	79,795	
1948															
January.....	126	111	5	23	23	0	60	60	0	62	55	3	125,763	77,416	
February.....	122	109	13	34	34	0	1	1	0	15	13	1	227,408	79,895	
March.....	236	196	39	80	42	37	93	92	1	173	167	3	639,938	103,453	
April.....	256	225	31	51	32	19	6	6	0	44	7	18	167,626	94,387	
May.....	108	100	2	24	24	0	114	110	4	9	8	1	196,141	24,857	
June.....	265	219	45	83	69	14	153	152	1	89	73	14	307,848	59,759	
July.....	125	96	2	68	68	0	65	61	4	48	44	3	258,299	104,759	
August.....	75	74	1	30	29	1	3	3	0	11	8	2	318,816	150,303	
September.....	166	132	33	41	41	0	83	79	4	48	28	1	119,039	100,402	
October.....	189	167	22	64	64	0	79	79	(³)	45	42	2	283,325	43,138	
November.....	154	135	18	73	73	0	72	72	0	36	35	0	213,808	81,747	
December.....	328	307	21	45	45	0	161	154	7	9	5	2	131,720	84,614	
Monthly average.....	179	156	19	51	45	6	74	73	2	49	40	4	249,144	83,727	
1949															
January.....	126	123	3	36	36	0	10	7	3	10	9	(³)	199,063	126,809	
February.....	98	94	4	54	50	4	2	2	0	54	53	1	203,674	120,198	
March.....	167	147	20	87	87	0	43	3	40	29	23	5	171,704	133,002	
April.....	239	231	8	17	17	0	46	46	0	77	51	21	198,762	110,200	
May.....	198	173	25	49	49	0	4	4	(³)	41	33	2	349,557	61,224	
June.....	523	464	53	45	45	0	386	386	1	91	67	23	324,825	120,040	
July.....	115	111	4	51	51	0	26	24	3	39	10	22	244,173	67,450	
August.....	94	90	4	20	13	7	11	1	10	6	6	0	218,662	196,516	
September.....	91	58	28	16	16	0	4	2	2	58	23	0	332,957	105,586	
October.....	193	102	67	41	41	0	13	11	(³)	11	6	5	230,822	46,514	
November.....	133	109	15	10	10	0	16	14	2	92	90	0	265,519	119,155	
December.....	299	136	102	31	27	4	4	4	(³)	85	70	6	255,707	126,144	
Monthly average.....	190	153	28	38	37	1	47	42	5	49	37	7	249,619	111,070	
1950															
January.....	203	146	27	93	27	66	205	203	2	20	6	(³)	248,176	178,972	
February.....	97	64	32	12	12	0	(³)	(³)	(³)	22	10	(³)	568,839	167,048	
March.....	179	114	59	107	85	22	17	17	0	111	54	51	361,726	100,279	
April.....	272	212	59	27	23	4	24	23	1	108	30	76	184,192	114,088	
May.....	312	104	202	67	38	29	13	4	9	30	26	1	355,150	119,129	
June.....	549	365	173	76	11	50	64	3	61	127	90	34	361,302	79,256	
July.....	58	44	13	10	10	0	20	19	1	33	25	2	206,855	136,896	
August.....	213	105	107	39	35	4	10	6	4	38	22	13	322,795	172,489	
September.....	158	139	12	10	10	0	7	5	2	29	23	5	290,006	39,798	
October.....	233	172	47	19	19	0	15	12	3	26	23	2	229,427	123,887	
November.....	162	122	40	19	19	0	15	8	7	41	36	2	394,581	202,771	
December.....	173	140	33	69	13	56	4	4	0	30	11	5	170,557	176,520	
Monthly average.....	217	144	67	46	25	19	33	25	7	51	30	16	307,800	134,261	

For footnotes giving source of data and description of series, see p. 232.

FINANCE—COMMODITY AND SECURITY MARKETS

YEAR AND MONTH	COMMODITY MARKETS		SECURITY MARKETS									
	Volume of trading in grain futures ¹		Brokers' balances, end of year or month (N.Y.S.E. members carrying margin accounts) ²				Bond prices					U.S. Treasury bonds ⁶
							Average price of all listed bonds, N.Y.S.E. ³			Standard and Poor's Corporation		
	Corn	Wheat	Cash on hand and in banks	Customers' debit balances (net)	Customers' free credit balances	Money borrowed	Total	Domestic	Foreign	Industrial, utility, and railroad, composite (17) ⁴	Domestic municipal (15) ⁵	
Millions of bushels		Millions of dollars				Dollars			Dollars per \$100 bond			
1935 monthly average ..	197	705	179	1,258	286	930	90.86	93.25	79.10	105.5	108.6	99.5
1936 monthly average ..	175	718	249	1,395	342	1,048	95.06	98.28	72.21	109.5	113.8	100.8
1937 monthly average ..	222	1,048	232	985	278	688	92.90	95.91	67.29	110.2	113.3	100.1
1938 monthly average ..	132	570	190	991	247	754	89.12	92.15	60.49	111.7	116.6	101.8
1939 monthly average ..	128	523	207	906	266	637	91.49	94.92	55.49	114.7	119.0	104.5
1940 monthly average ..	79	561	204	677	281	427	91.83	96.05	45.43	116.3	123.6	106.6
1941 monthly average ..	68	412	211	600	289	368	94.34	98.01	48.64	117.7	130.9	109.5
1942 monthly average ..	116	232	160	543	270	378	95.87	97.63	61.64	117.4	126.2	100.7
1943 monthly average ..	237	246	181	788	354	557	98.93	99.98	71.57	118.3	131.8	100.5
1944 monthly average ..	251	180	209	1,041	472	726	100.57	101.30	75.22	118.7	135.7	100.3
1945 monthly average ..	32	210	313	1,138	654	795	102.89	103.40	80.50	121.6	139.6	102.0
1946 monthly average ..	60	36	453	537	693	217	103.60	104.01	80.34	123.4	140.1	104.8
1947												
January.....	172	139	.....	533	687	210	102.89	103.30	77.12	122.8	134.4	104.3
February.....	194	388	.....	573	681	217	102.86	103.27	77.20	122.9	133.1	104.4
March.....	360	510	.....	576	677	216	102.95	103.36	77.00	122.9	132.5	104.6
April.....	283	314	.....	553	665	205	102.63	103.06	76.42	123.3	133.2	104.6
May.....	369	328	.....	530	652	201	102.49	102.92	75.32	123.4	133.9	104.5
June.....	531	358	395	552	650	222	102.25	102.70	74.02	123.1	134.4	104.1
July.....	509	601	.....	564	677	251	102.33	102.77	74.16	123.1	134.7	103.8
August.....	482	503	.....	550	656	241	102.62	103.09	73.28	123.2	134.3	103.9
September.....	393	847	.....	570	630	280	102.06	102.54	71.83	122.5	134.4	104.0
October.....	241	651	.....	606	616	257	101.19	101.65	71.90	120.6	132.5	103.4
November.....	227	373	.....	593	617	247	100.46	100.93	70.51	119.3	129.4	102.1
December.....	282	424	393	578	612	240	99.62	100.11	68.96	117.8	126.2	101.6
Monthly average.....	337	453	.....	.....	.....	.....	102.03	102.48	73.98	122.1	132.8	103.8
1948												
January.....	272	488	.....	568	622	217	99.77	100.27	68.77	118.1	124.5	100.7
February.....	291	483	.....	537	596	208	99.84	100.35	67.61	118.0	122.6	100.7
March.....	280	454	.....	550	592	229	99.97	100.54	65.20	118.3	123.1	100.8
April.....	278	390	.....	572	614	241	100.19	100.74	65.99	118.8	125.7	100.8
May.....	260	276	.....	615	619	258	100.80	101.35	66.45	119.1	127.0	101.2
June.....	284	279	332	619	576	283	101.72	102.30	66.93	119.2	127.8	101.2
July.....	420	420	.....	608	577	288	100.04	100.59	66.62	118.5	126.5	100.8
August.....	471	416	.....	573	551	252	99.93	100.47	66.85	117.6	124.4	100.7
September.....	392	301	.....	570	550	238	99.87	100.40	67.65	117.7	124.0	100.7
October.....	266	263	.....	580	540	252	99.79	100.30	68.19	117.6	124.5	100.7
November.....	381	348	.....	551	563	244	99.85	100.37	67.82	117.6	124.9	100.8
December.....	301	337	349	550	586	257	100.18	100.69	68.41	118.4	127.8	100.9
Monthly average.....	324	371	.....	.....	.....	.....	100.16	100.70	67.21	118.2	125.2	100.8
1949												
January.....	250	328	.....	537	573	247	100.47	100.96	69.82	119.8	129.9	101.2
February.....	395	445	.....	527	565	225	100.45	100.93	70.26	120.0	128.5	101.5
March.....	254	357	.....	530	551	254	100.58	101.04	71.35	120.7	128.8	101.7
April.....	209	368	.....	626	542	329	100.56	101.01	72.18	120.2	129.0	101.7
May.....	173	380	.....	660	535	355	100.49	100.93	72.20	120.2	129.0	101.6
June.....	169	552	280	681	528	493	100.98	101.45	71.40	120.2	127.5	101.7
July.....	199	660	.....	690	530	399	101.40	101.86	71.77	120.9	127.9	103.3
August.....	216	420	.....	699	548	404	101.82	102.28	72.07	121.7	129.1	103.6
September.....	153	371	.....	740	580	418	101.80	102.27	71.82	122.1	128.6	103.9
October.....	128	244	.....	783	586	416	101.81	102.27	72.48	121.9	128.8	103.9
November.....	237	294	.....	813	596	445	102.00	102.45	72.92	122.2	129.6	104.2
December.....	198	284	306	881	633	523	102.43	102.89	73.70	122.5	130.3	104.4
Monthly average.....	215	392	.....	.....	.....	.....	101.23	101.70	71.83	121.0	128.9	102.7
1950												
January.....	154	237	.....	901	669	493	102.11	102.56	74.46	122.7	131.3	104.2
February.....	103	230	.....	953	669	522	101.95	102.38	74.80	122.7	131.7	103.6
March.....	140	364	.....	1,018	666	579	101.78	102.20	75.48	122.7	131.5	103.2
April.....	142	342	.....	1,084	678	619	101.53	101.94	75.81	122.5	131.2	102.9
May.....	190	387	.....	1,175	657	750	101.43	101.84	75.89	122.1	131.5	102.7
June.....	154	370	314	1,256	673	827	100.94	101.37	73.92	122.0	131.0	102.4
July.....	167	518	.....	1,208	712	755	101.25	101.72	71.71	121.5	131.1	102.2
August.....	132	336	.....	1,231	780	752	101.33	101.79	72.56	122.1	134.8	102.3
September.....	143	275	.....	1,284	738	751	101.06	101.52	74.05	121.7	135.2	101.9
October.....	132	253	.....	1,351	771	759	100.83	101.27	73.37	121.1	136.4	101.6
November.....	243	317	.....	1,360	796	774	100.82	101.30	71.88	121.1	137.0	101.7
December.....	227	391	397	1,356	890	745	100.93	101.45	70.41	121.1	137.4	101.5
Monthly average.....	161	335	.....	.....	.....	.....	101.33	101.78	73.70	121.9	133.3	102.5

For footnotes giving source of data and description of series, see pp. 232, 233.

FINANCE—SECURITY MARKETS—Continued

YEAR AND MONTH	BONDS														
	Sales								Value, issues listed on N.Y.S.E. ³						
	Total on all registered exchanges ¹		On the New York Stock Exchange						Market value			Face value			
			Total		Exclusive of stopped sales, face value ²										
	Market value	Face value	Market value ¹	Face value ¹	Total	U. S. Gov- ernment	Other than U.S. Government		Total, all issues	Domes- tic	For- eign	Total, all issues	Domes- tic	For- eign	
							Total	Domes- tic							For- eign
Thousands of dollars															
Millions of dollars															
1935 monthly average...	311,590	393,556	233,318	292,121	278,288	56,162	222,126	190,918	31,208	39,591	33,774	5,817	43,573	36,220	7,354
1936 monthly average...	305,113	387,704	244,721	315,886	298,073	26,574	271,499	241,615	29,885	42,059	37,875	4,184	44,235	38,516	5,719
1937 monthly average...	224,911	285,757	191,729	247,226	232,711	29,054	203,657	174,759	28,898	43,766	40,431	3,335	47,116	42,162	4,954
1938 monthly average...	132,414	192,480	107,485	160,958	154,989	10,614	144,375	123,660	20,715	43,909	41,057	2,852	49,259	44,544	4,715
1939 monthly average...	160,090	215,812	126,496	176,741	170,507	25,928	144,579	123,332	21,247	48,026	45,484	2,543	52,494	47,913	4,581
1940 monthly average...	109,491	173,407	87,732	146,666	139,120	3,237	135,882	117,868	18,014	49,418	47,378	2,039	53,809	49,321	4,488
1941 monthly average...	113,609	210,839	95,928	189,078	175,984	1,642	174,341	160,750	13,591	52,986	50,973	2,012	56,160	52,007	4,153
1942 monthly average...	105,114	222,142	93,491	206,493	192,623	545	192,079	181,755	10,324	61,251	59,345	1,906	63,875	60,781	3,094
1943 monthly average...	163,483	319,349	148,748	299,441	271,227	349	270,877	260,843	10,034	79,920	77,792	2,128	80,755	77,782	2,974
1944 monthly average...	165,055	260,192	152,872	243,724	224,559	485	224,074	215,421	8,652	99,243	97,166	2,077	98,666	95,904	2,762
1945 monthly average...	153,462	224,232	142,987	209,059	188,499	676	187,823	178,977	8,846	123,165	121,046	2,119	119,688	117,055	2,633
1946 monthly average...	98,927	131,001	92,790	124,072	113,681	1,589	112,092	105,377	6,716	142,602	140,735	1,867	137,633	135,312	2,321
1947															
January.....	100,265	136,235	95,470	130,028	125,491	126	125,365	118,519	6,846	140,966	139,310	1,656	137,006	134,859	2,148
February.....	73,249	100,247	68,979	95,349	79,987	98	79,889	74,530	5,359	141,033	139,373	1,660	137,106	134,956	2,150
March.....	67,531	89,604	63,196	81,508	75,582	35	75,547	68,860	6,687	140,978	139,336	1,641	136,937	134,806	2,132
April.....	69,013	94,736	64,432	89,024	81,601	828	80,773	74,885	5,888	140,833	139,172	1,662	137,219	135,044	2,174
May.....	71,024	98,349	63,880	90,458	82,526	140	82,386	75,863	6,523	140,426	138,797	1,629	137,019	134,856	2,163
June.....	67,490	88,531	58,248	78,115	70,077	386	69,691	63,590	6,101	140,148	138,574	1,574	137,058	134,932	2,126
July.....	85,253	109,385	76,972	99,723	96,661	1,152	95,509	76,937	5,101	140,763	138,923	1,585	137,563	135,175	2,138
August.....	64,886	81,063	56,618	70,705	60,490	14	60,476	52,588	5,216	141,236	139,394	1,589	137,628	135,210	2,168
September.....	60,326	80,312	51,284	69,316	73,440	73	73,367	63,949	7,344	140,499	138,715	1,533	137,666	135,281	2,135
October.....	85,862	121,655	78,192	112,210	105,990	219	105,771	95,246	9,265	138,336	136,568	1,521	136,711	134,346	2,115
November.....	63,949	87,497	59,511	81,663	81,823	39	81,784	73,830	6,431	137,509	135,804	1,462	136,879	134,556	2,073
December.....	145,181	186,213	137,971	178,255	141,873	125	141,748	131,041	8,581	136,207	134,500	1,469	136,727	134,347	2,130
Monthly average.....	79,502	106,152	72,896	98,029	89,628	270	89,359	80,820	6,612	139,911	138,206	1,582	137,127	134,864	2,138
1948															
January.....	98,895	134,384	93,971	128,055	111,380	185	111,195	102,419	7,013	136,232	134,537	1,458	136,543	134,173	2,120
February.....	60,103	84,487	56,161	79,154	69,745	16	69,729	63,511	5,846	135,313	134,645	1,427	136,531	134,170	2,111
March.....	67,103	95,234	62,848	89,565	85,367	79	85,288	74,326	10,721	134,167	132,544	1,479	134,201	131,835	2,116
April.....	87,153	132,544	81,945	125,844	114,479	51	114,428	106,223	7,931	134,546	132,903	1,396	134,297	131,931	2,116
May.....	87,363	119,745	83,047	113,325	108,954	52	108,902	99,580	8,975	135,370	133,714	1,408	134,300	131,931	2,119
June.....	90,781	124,002	85,636	117,586	104,021	60	103,961	96,286	7,474	133,746	132,085	1,415	131,481	129,116	2,115
July.....	68,289	90,827	64,672	86,380	75,831	306	75,525	69,138	6,198	131,645	129,995	1,408	131,593	129,230	2,113
August.....	51,238	67,315	48,470	63,479	55,967	41	55,926	51,100	4,606	131,610	129,957	1,412	131,707	129,345	2,112
September.....	50,449	67,313	47,699	63,847	62,902	258	62,644	56,870	5,679	131,128	129,491	1,396	131,294	128,980	2,064
October.....	57,711	78,581	54,179	74,345	72,582	137	72,445	66,631	5,713	130,945	129,304	1,400	131,226	128,923	2,054
November.....	63,049	88,261	59,386	83,409	74,537	36	74,501	69,115	5,287	131,234	129,600	1,390	131,226	129,126	2,050
December.....	63,470	89,347	60,152	84,620	78,063	21	78,042	69,941	8,018	131,306	129,660	1,401	131,068	128,771	2,048
Monthly average.....	70,467	97,670	66,514	92,467	84,486	104	84,382	77,095	6,955	133,187	131,536	1,408	132,972	130,628	2,095
1949															
January.....	60,686	80,599	57,073	75,419	69,725	65	69,660	62,188	7,301	131,897	130,230	1,419	131,276	128,994	2,032
February.....	52,009	70,080	49,038	66,056	63,661	202	63,459	55,150	8,043	131,863	130,188	1,426	131,272	128,993	2,030
March.....	56,225	80,637	52,359	75,821	67,820	13	67,807	59,523	8,155	132,065	130,368	1,447	131,304	129,027	2,028
April.....	53,189	76,590	50,459	72,458	66,839	3	66,836	54,953	11,804	132,098	130,392	1,455	131,360	129,094	2,016
May.....	50,767	67,997	47,431	63,601	62,284	5	62,279	54,847	7,350	132,029	130,326	1,452	131,381	129,120	2,011
June.....	49,004	67,171	46,165	63,433	64,257	29	64,228	58,133	6,035	131,686	130,000	1,432	130,402	128,146	2,006
July.....	72,615	87,224	69,941	84,074	64,021	31	63,990	58,779	5,166	132,813	131,124	1,436	130,975	128,724	2,001
August.....	60,737	78,549	57,108	73,916	66,223	52	66,171	59,388	6,769	133,643	131,956	1,432	131,254	129,017	1,988
September.....	47,468	59,560	44,469	55,721	55,413	61	55,352	47,169	8,166	132,210	130,535	1,422	129,874	127,644	1,981
October.....	51,480	68,959	47,938	64,706	63,934	12	63,922	56,494	7,412	132,221	130,509	1,458	129,870	127,608	2,012
November.....	64,646	84,467	60,157	79,064	74,692	0	74,692	67,065	7,598	132,445	130,726	1,463	129,854	127,597	2,007
December.....	84,642	111,120	80,274	105,909	99,080	22	99,058	91,063	7,938	128,464	126,755	1,452	125,410	123,190	1,970
Monthly average.....	58,622	77,746	55,201	73,348	68,162	41	68,121	60,396	7,645	131,953	130,259	1,441	130,353	128,096	2,007
1950															
January.....	107,958	144,088	103,400	138,310	119,727	25	119,702	108,323	11,280	128,021	126,290	1,475	125,373	123,142	1,981
February.....	67,512	84,939	63,443	78,760	68,487	72	68,415	59,215	9,161	127,777	126,054	1,469	125,332	123,119	1,963
March.....	88,494	116,471	84,757	111,305	98,704	1	98,703	87,246	11,420	125,846	124,116	1,476	123,645	121,440	1,955
April.....	77,922	97,114	73,151	93,378	85,117	24	85,093	76,453	8,616	125,497	123,766	1,477	123,610	121,411	1,949
May.....	84,941	96,720	82,036	92,926	82,347	14	82,333	75,038	7,261	125,353	123,633	1,466	123,581	121,400	1,931
June.....	100,444	113,114	97,466	109,088	105,474	10	105,464	97,132	8,262	124,633	122,957	1,421	123,471	121,298	1,923
July.....	106,848	132,672	103,389	128,381	113,040	37	113,003	105,879	7,044	125,209	123,581	1,375	123,660	121,493	1,917
August.....	82,962	100,627	80,536	97,044	80,583	12	80,571	74,865	5,688	125,257	123,607	1,396	123,612	121,437	1,924
September.....	68,654	84,250	65,795	80,272	76,984	12	76,472	68,717	7,740	118,861	117,158	1,451	117,618	115,409	1,959
October.....	77,833	93,748	74,681	90,132	83,982	1,636	82,346	74,340	7,981	118,417	116,802	1,362	117,441	115,334	1,857
November.....	76,914	94,709	74,646												

FINANCE—SECURITY MARKETS—Continued

YEAR AND MONTH	BONDS											STOCKS				
	Yields											Cash dividend payments publicly reported ²				
	Domestic corporate (Moody's) ¹								Domestic municipal		U. S. Treasury bonds, tax-able ⁴	Total dividend pay-ments	Finance	Manu-factur-ing	Mining	
	Corpo-rate average	By ratings				By groups			Bond Buyer (20 bonds) ²	Standard and Poor's Corp. (15 bonds) ³						
		Aaa	Aa	A	Baa	Indus-trial	Public util-ity	Rail-road								
Percent											Millions of dollars					
1935 monthly average ..	4.46	3.60	3.95	4.55	5.75	4.02	4.43	4.95	3.38	3.41	.....	.....	.....	.....	.....	.....
1936 monthly average ..	3.87	3.24	3.46	4.02	4.77	3.50	3.88	4.24	2.93	3.07	.....	.....	.....	.....	.....	.....
1937 monthly average ..	3.94	3.26	3.46	4.01	5.03	3.55	3.93	4.34	3.03	3.10	.....	.....	.....	.....	.....	.....
1938 monthly average ..	4.19	3.19	3.56	4.22	5.80	3.50	3.87	5.21	2.99	2.91	.....	.....	.....	.....	.....	.....
1939 monthly average ..	3.77	3.01	3.22	3.89	4.96	3.30	3.48	4.53	2.82	2.76	.....	.....	.....	.....	.....	.....
1940 monthly average ..	3.55	2.84	3.02	3.57	4.75	3.10	3.25	4.30	2.52	2.50	.....	.....	.....	.....	.....	.....
1941 monthly average ..	3.34	2.77	2.94	3.30	4.33	2.95	3.11	3.95	2.15	2.10	.....	328.5	39.5	177.1	14.1	.....
1942 monthly average ..	3.34	2.83	2.98	3.28	4.28	2.96	3.11	3.96	2.25	2.36	2.46	294.2	36.7	149.2	13.2	.....
1943 monthly average ..	3.16	2.73	2.86	3.13	3.91	2.85	2.99	3.64	1.90	2.06	2.47	301.2	37.1	152.2	10.2	.....
1944 monthly average ..	3.05	2.72	2.81	3.06	3.61	2.80	2.97	3.39	1.64	1.86	2.48	315.2	39.4	161.2	14.6	.....
1945 monthly average ..	2.87	2.62	2.71	2.87	3.29	2.68	2.89	3.06	1.49	1.67	2.37	323.2	43.0	164.0	14.2	.....
1946 monthly average ..	2.74	2.53	2.62	2.75	3.05	2.60	2.71	2.91	1.51	1.64	2.19	366.9	48.3	187.1	16.1	.....
1947																
January.....	2.79	2.57	2.65	2.79	3.13	2.63	2.73	3.00	1.81	1.92	2.21	437.2	92.0	167.7	2.8	.....
February.....	2.78	2.55	2.64	2.79	3.12	2.61	2.72	3.00	1.97	1.99	2.21	198.3	31.2	93.8	1.3	.....
March.....	2.79	2.55	2.64	2.80	3.15	2.61	2.73	3.02	1.90	2.02	2.19	507.2	30.5	319.2	24.7	.....
April.....	2.78	2.53	2.63	2.81	3.16	2.60	2.71	3.03	1.89	1.98	2.19	398.8	57.8	170.8	5.7	.....
May.....	2.79	2.53	2.63	2.82	3.17	2.60	2.71	3.05	1.83	1.95	2.19	173.5	22.4	93.5	1.4	.....
June.....	2.81	2.55	2.64	2.83	3.21	2.60	2.72	3.10	1.81	1.92	2.22	662.2	54.3	389.5	65.8	.....
July.....	2.80	2.55	2.64	2.82	3.18	2.62	2.72	3.06	1.81	1.91	2.25	451.4	92.8	197.9	11.9	.....
August.....	2.80	2.56	2.64	2.81	3.17	2.63	2.72	3.03	1.83	1.93	2.24	192.6	36.7	100.2	1.9	.....
September.....	2.85	2.61	2.69	2.86	3.23	2.67	2.78	3.09	1.84	1.92	2.24	573.2	31.7	362.4	55.7	.....
October.....	2.95	2.70	2.79	2.95	3.35	2.76	2.87	3.22	1.97	2.02	2.27	427.4	60.6	199.6	6.9	.....
November.....	3.02	2.77	2.85	3.01	3.44	2.84	2.93	3.30	2.09	2.18	2.36	176.9	23.2	101.2	1.3	.....
December.....	3.12	2.86	2.94	3.16	3.52	2.92	3.02	3.42	2.35	2.35	2.39	1,139.6	98.7	726.9	99.9	.....
Monthly average.....	2.86	2.61	2.70	2.87	3.24	2.67	2.78	3.11	1.93	2.01	2.25	444.9	52.7	243.6	23.3	.....
1948																
January.....	3.12	2.86	2.94	3.17	3.52	2.91	3.03	3.44	2.40	2.45	2.45	522.4	97.0	227.7	6.6	.....
February.....	3.12	2.85	2.93	3.17	3.53	2.90	3.03	3.43	2.48	2.55	2.45	203.0	34.8	99.9	1.9	.....
March.....	3.10	2.83	2.90	3.13	3.53	2.89	3.01	3.40	2.42	2.52	2.44	621.5	33.3	381.4	66.7	.....
April.....	3.05	2.78	2.87	3.08	3.47	2.85	2.97	3.34	2.34	2.38	2.44	460.0	60.9	200.9	6.5	.....
May.....	3.02	2.76	2.86	3.06	3.38	2.82	2.95	3.27	2.23	2.31	2.42	170.4	23.3	94.5	2.3	.....
June.....	3.00	2.76	2.85	3.03	3.34	2.80	2.96	3.23	2.27	2.26	2.41	728.4	59.8	435.6	72.8	.....
July.....	3.04	2.81	2.89	3.07	3.37	2.84	3.02	3.26	2.28	2.33	2.44	496.1	99.2	230.0	6.6	.....
August.....	3.09	2.84	2.94	3.13	3.44	2.89	3.07	3.31	2.39	2.45	2.45	215.3	39.1	115.6	2.6	.....
September.....	3.09	2.84	2.93	3.13	3.45	2.88	3.07	3.32	2.43	2.46	2.45	678.0	41.3	422.0	77.3	.....
October.....	3.11	2.84	2.94	3.15	3.50	2.90	3.07	3.35	2.41	2.45	2.45	474.6	62.9	231.1	8.2	.....
November.....	3.12	2.84	2.92	3.18	3.53	2.89	3.09	3.37	2.31	2.42	2.44	205.1	25.1	114.3	2.3	.....
December.....	3.09	2.79	2.88	3.16	3.53	2.85	3.06	3.36	2.20	2.26	2.44	1,318.9	111.5	838.7	119.8	.....
Monthly average.....	3.08	2.82	2.90	3.12	3.47	2.87	3.03	3.34	2.35	2.40	2.44	507.8	57.4	282.6	31.1	.....
1949																
January.....	3.02	2.71	2.81	3.08	3.46	2.80	2.99	3.26	2.17	2.15	2.42	514.4	100.7	221.2	5.2	.....
February.....	3.00	2.71	2.80	3.05	3.45	2.79	2.99	3.24	2.21	2.23	2.39	201.5	37.0	98.1	2.0	.....
March.....	3.00	2.70	2.79	3.05	3.47	2.78	2.97	3.27	2.17	2.21	2.38	731.0	40.7	452.5	66.6	.....
April.....	3.00	2.70	2.79	3.05	3.45	2.78	2.96	3.27	2.13	2.20	2.38	467.1	67.2	210.6	6.8	.....
May.....	3.00	2.71	2.78	3.04	3.45	2.78	2.95	3.26	2.21	2.20	2.38	188.2	26.3	98.6	1.6	.....
June.....	3.00	2.71	2.78	3.04	3.47	2.78	2.93	3.29	2.20	2.28	2.38	809.8	68.3	491.9	68.5	.....
July.....	2.98	2.67	2.75	3.03	3.46	2.75	2.89	3.29	2.13	2.26	2.27	491.1	101.8	225.6	5.1	.....
August.....	2.92	2.62	2.71	2.96	3.40	2.70	2.86	3.21	2.12	2.20	2.24	191.6	37.0	94.3	1.5	.....
September.....	2.90	2.60	2.69	2.95	3.37	2.68	2.84	3.19	2.16	2.22	2.22	721.1	43.7	448.6	61.3	.....
October.....	2.90	2.61	2.70	2.94	3.36	2.68	2.83	3.20	2.13	2.21	2.22	465.8	71.7	207.4	6.4	.....
November.....	2.89	2.60	2.68	2.93	3.35	2.67	2.81	3.20	2.11	2.17	2.20	189.6	27.8	103.1	1.4	.....
December.....	2.86	2.58	2.67	2.89	3.31	2.65	2.79	3.14	2.08	2.13	2.19	1,482.1	135.3	1,015.5	95.4	.....
Monthly average.....	2.96	2.66	2.75	3.00	3.42	2.74	2.90	3.24	2.15	2.21	2.31	537.8	63.1	305.6	26.8	.....
1950																
January.....	2.83	2.57	2.65	2.85	3.24	2.63	2.79	3.07	2.05	2.08	2.20	533.0	109.4	232.1	4.6	.....
February.....	2.83	2.58	2.65	2.86	3.24	2.63	2.78	3.08	2.02	2.06	2.24	215.7	40.0	103.0	1.9	.....
March.....	2.84	2.58	2.66	2.86	3.24	2.64	2.78	3.08	2.01	2.07	2.27	818.0	54.5	507.6	65.7	.....
April.....	2.84	2.60	2.66	2.86	3.23	2.64	2.79	3.08	2.03	2.08	2.30	486.3	78.3	215.5	5.4	.....
May.....	2.86	2.61	2.69	2.88	3.25	2.65	2.81	3.12	1.99	2.07	2.31	210.5	30.8	119.9	2.9	.....
June.....	2.87	2.62	2.69	2.90	3.28	2.66	2.81	3.15	2.00	2.09	2.33	895.8	73.4	547.5	65.9	.....
July.....	2.90	2.65	2.72	2.92	3.32	2.69	2.83	3.19	1.85	2.09	2.34	520.0	113.4	223.7	5.1	.....
August.....	2.85	2.61	2.67	2.87	3.23	2.66	2.80	3.08	1.83	1.90	2.33	214.3	41.5	108.0	3.3	.....
September.....	2.86	2.64	2.71	2.88	3.21	2.68	2.84	3.07	1.85	1.88	2.36	1,153.0	73.6	798.5	76.6	.....
October.....	2.88	2.67	2.72	2.91	3.22	2.70	2.85	3.09	1.75	1.82	2.38	496.4	87.6	220.8	5.9	.....
November.....	2.88	2.67	2.72	2.92	3.22	2.70	2.86	3.08	1.75	1.79	2.38	242.1	38.0	129.1	2.5	.....
December.....	2.88	2.67	2.72	2.91	3.20	2.70	2.87	3.07	1.70	1.77	2.39	2,138.7	198.8	1,459.3	139.1	.....
Monthly average.....	2.86	2.62	2.69	2.89	3.24	2.67	2.82	3.10	1.90	1.98	2.32	660.3	78.3	388.8	31.6	.....

For footnotes giving source of data and description of series, see pp. 233, 234.

FINANCE—SECURITY MARKETS—Continued

YEAR AND MONTH	STOCKS														
	Cash dividend payments publicly reported ¹					Dividend rates, prices, yields, and earnings, common stocks (Moody's) ²									
	Public utilities		Rail-road	Trade	Mis-cella-neous	Dividends per share (at annual rate)						Price per share, end of month			
	Com-muni-cations	Heat, light, and power				Total (200 stocks)	Indus-trial (125 stocks)	Public utility (24 stocks)	Rail-road (25 stocks)	Bank (15 stocks)	Insur-ance (10 stocks)	Total (200 stocks)	Indus-trial (125 stocks)	Public utility (24 stocks)	Rail-road (25 stocks)
Millions of dollars					Dollars										
1935 monthly average ..	.....	.....	.....	.....	.....	1.30	1.05	1.32	1.03	2.24	1.24	32.44	30.09	27.20	26.18
1936 monthly average ..	.....	.....	.....	.....	.....	1.59	1.43	1.48	1.06	2.10	1.26	45.41	42.40	40.28	38.88
1937 monthly average ..	.....	.....	.....	.....	.....	2.04	1.94	1.74	1.44	2.12	1.33	44.04	42.04	33.08	35.63
1938 monthly average ..	.....	.....	.....	.....	.....	1.43	1.22	1.50	1.00	2.10	1.36	33.25	32.35	24.27	19.71
1939 monthly average ..	.....	.....	.....	.....	.....	1.48	1.31	1.48	.76	2.08	1.49	35.72	34.12	28.02	20.90
1940 monthly average ..	.....	.....	.....	.....	.....	1.78	1.67	1.54	1.08	2.08	1.62	33.84	31.76	25.64	20.16
1941 monthly average ..	20.5	39.6	13.1	18.2	6.4	1.90	1.81	1.44	1.28	2.07	1.64	30.50	28.70	18.16	19.91
1942 monthly average ..	20.3	36.7	14.8	16.8	6.4	1.75	1.64	1.26	1.46	1.95	1.71	26.66	25.70	12.92	18.87
1943 monthly average ..	20.3	40.3	16.9	16.7	7.5	1.73	1.55	1.28	1.77	1.94	1.69	35.36	34.18	18.87	25.75
1944 monthly average ..	20.4	35.5	18.8	17.4	7.9	1.84	1.67	1.31	1.99	1.93	1.63	38.12	36.57	20.90	29.51
1945 monthly average ..	21.2	36.1	18.1	18.7	8.0	1.92	1.75	1.30	2.19	2.00	1.62	46.02	43.94	26.29	39.94
1946 monthly average ..	20.6	38.5	18.2	26.8	11.3	2.02	1.85	1.43	2.19	2.20	1.83	51.34	49.84	34.05	41.48
1947															
January.....	51.6	46.5	18.9	46.6	11.1	2.17	2.05	1.49	2.01	2.32	1.88	48.00	46.86	32.31	34.45
February.....	.2	51.3	8.1	10.4	2.0	2.27	2.17	1.55	2.01	2.32	1.88	47.33	46.23	31.87	32.96
March.....	10.5	35.8	22.4	44.8	19.3	2.27	2.19	1.55	1.92	2.32	1.88	46.46	45.67	30.53	32.15
April.....	52.8	46.5	22.1	31.2	11.9	2.30	2.22	1.56	1.92	2.32	1.88	44.66	43.78	29.68	29.83
May.....	.3	37.2	5.7	9.6	3.4	2.38	2.33	1.56	1.92	2.32	1.88	44.31	43.58	29.30	28.96
June.....	10.5	50.0	34.2	39.4	18.5	2.38	2.34	1.57	1.92	2.32	1.88	46.11	45.93	30.39	29.84
July.....	51.5	43.7	11.1	29.6	12.9	2.40	2.35	1.58	1.91	2.32	1.88	47.90	47.88	30.36	32.45
August.....	.3	32.9	6.1	9.3	5.2	2.42	2.38	1.58	1.91	2.32	1.88	46.77	46.52	30.37	31.26
September.....	10.9	35.5	17.0	40.6	19.4	2.43	2.39	1.58	1.91	2.32	1.88	46.12	45.85	29.76	30.78
October.....	50.7	47.7	13.2	36.7	12.0	2.46	2.44	1.58	1.88	2.32	1.88	47.09	47.22	29.02	30.42
November.....	.3	35.9	4.0	8.5	2.5	2.54	2.54	1.58	1.86	2.32	1.88	45.86	46.33	25.20	29.35
December.....	13.1	46.0	51.3	67.3	36.4	2.55	2.56	1.58	1.85	2.32	1.88	46.85	47.34	25.60	32.14
Monthly average.....	21.1	42.4	17.8	31.2	12.9	2.38	2.33	1.56	1.92	2.32	1.88	46.46	46.10	29.46	31.22
1948															
January.....	53.4	48.8	23.6	53.9	11.4	2.56	2.57	1.58	1.84	2.32	1.88	45.58	45.42	27.32	31.87
February.....	.4	36.9	8.2	16.7	4.2	2.56	2.58	1.58	1.84	2.32	1.88	43.57	43.20	26.25	30.36
March.....	11.2	45.6	22.2	42.7	18.4	2.59	2.60	1.59	1.94	2.32	1.88	46.53	46.60	26.91	32.96
April.....	55.8	51.2	32.4	41.1	11.2	2.62	2.64	1.59	1.94	2.32	1.88	47.95	48.02	27.05	34.93
May.....	.3	34.9	3.0	7.5	4.6	2.65	2.68	1.59	1.94	2.33	1.88	50.36	50.77	28.41	37.22
June.....	17.1	42.3	38.4	39.2	23.2	2.67	2.69	1.59	1.99	2.33	1.86	50.24	50.77	28.61	37.53
July.....	53.6	45.8	15.1	33.8	12.0	2.69	2.73	1.59	1.99	2.33	1.86	48.45	48.60	27.88	35.54
August.....	.3	33.9	6.2	7.5	10.1	2.77	2.82	1.59	2.04	2.33	1.86	48.61	48.60	27.77	36.59
September.....	16.0	39.9	23.3	40.1	18.1	2.80	2.84	1.61	2.19	2.33	1.86	47.05	46.87	27.42	35.02
October.....	52.9	50.3	16.1	41.9	11.2	2.90	2.97	1.61	2.24	2.33	1.87	49.87	50.07	28.41	36.12
November.....	.5	38.1	12.7	7.9	4.2	3.02	3.12	1.61	2.32	2.33	1.87	44.97	44.70	25.80	31.28
December.....	14.5	45.9	68.5	84.5	35.5	3.04	3.14	1.63	2.40	2.34	1.99	46.30	46.33	26.20	31.31
Monthly average.....	23.0	42.8	22.5	34.7	13.7	2.74	2.78	1.60	2.06	2.33	1.88	47.46	47.50	27.34	34.23
1949															
January.....	53.7	47.5	22.1	53.2	10.8	3.07	3.17	1.63	2.42	2.35	1.99	46.40	46.36	27.15	31.14
February.....	.4	36.5	9.9	15.3	2.3	3.07	3.17	1.63	2.42	2.35	1.99	44.79	44.52	26.93	28.86
March.....	23.8	43.0	37.2	48.6	18.6	3.08	3.18	1.63	2.46	2.35	1.99	46.22	46.21	27.41	29.60
April.....	60.2	52.8	19.5	39.2	10.8	3.09	3.18	1.66	2.46	2.35	1.99	45.37	45.28	27.75	28.52
May.....	.4	38.2	12.5	7.4	3.2	3.08	3.17	1.66	2.46	2.35	1.99	43.77	43.46	27.62	27.60
June.....	25.3	50.7	39.2	44.9	21.0	3.05	3.14	1.67	2.46	2.33	2.03	43.58	43.48	27.02	26.52
July.....	58.5	44.0	13.5	33.6	9.0	3.04	3.12	1.67	2.46	2.33	2.03	45.76	46.01	28.03	27.43
August.....	.4	41.2	5.9	8.6	2.7	3.02	3.10	1.66	2.46	2.33	2.03	46.64	46.91	28.76	27.52
September.....	25.5	47.7	27.5	46.7	20.1	3.01	3.08	1.68	2.45	2.33	2.10	47.72	48.18	29.58	28.30
October.....	58.4	57.7	15.5	40.5	8.2	3.01	3.09	1.68	2.36	2.37	2.11	49.25	49.94	29.82	28.26
November.....	.4	41.9	3.6	7.9	3.5	3.26	3.43	1.68	2.30	2.39	2.11	49.27	49.89	29.81	28.37
December.....	29.6	59.1	51.2	62.5	33.5	3.27	3.44	1.68	2.24	2.47	2.34	51.39	52.28	30.57	30.42
Monthly average.....	28.1	46.7	21.5	34.0	12.0	3.09	3.19	1.66	2.41	2.36	2.06	46.68	46.88	28.37	28.55
1950															
January.....	62.6	47.7	11.5	54.0	11.1	3.26	3.42	1.69	2.25	2.47	2.40	51.94	52.58	31.60	31.70
February.....	.7	39.7	12.0	16.2	2.2	3.27	3.43	1.70	2.16	2.47	2.40	52.38	52.88	31.91	31.52
March.....	30.9	57.8	34.6	47.9	19.0	3.27	3.44	1.70	2.11	2.47	2.40	53.07	53.76	32.08	31.30
April.....	68.1	50.1	19.3	40.0	9.6	3.29	3.47	1.71	2.11	2.47	2.41	55.05	56.17	32.47	31.38
May.....	.6	42.2	3.0	8.1	3.0	3.32	3.51	1.74	2.04	2.47	2.41	57.32	58.79	33.51	31.64
June.....	36.1	62.4	42.1	46.0	22.4	3.34	3.53	1.74	2.04	2.48	2.41	54.09	55.56	31.07	29.49
July.....	66.7	55.3	9.4	36.1	10.3	3.39	3.59	1.78	2.04	2.48	2.43	54.98	56.43	29.73	34.61
August.....	.7	42.0	7.0	7.4	4.4	3.63	3.91	1.78	2.05	2.48	2.43	56.80	58.68	30.07	34.25
September.....	35.9	61.4	31.3	52.0	23.7	3.66	3.95	1.78	2.15	2.50	2.43	58.87	61.27	30.58	35.62
October.....	66.6	50.6	13.4	43.0	8.5	3.84	4.17	1.84	2.24	2.50	2.43	59.13	61.65	30.55	35.03
November.....	.6	43.4	15.1	8.3	5.1	4.04	4.40	1.85	2.45	2.60	2.66	59.37	61.77	30.34	35.70
December.....	39.8	75.3	91.4	87.4	47.6	4.06	4.44	1.85	2.47	2.61	2.71	61.80	64.46	30.81	40.95
Monthly average.....	34.1	52.3	24.2	37.2	13.9	3.53	3.77	1.76	2.18	2.50	2.46	56.23	57.83	31.23	33.60

For footnotes giving source of data and description of series, see p. 234.

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FINANCE—SECURITY MARKETS—Continued

YEAR AND MONTH	STOCKS												
	Dividend rates, prices, yields, and earnings, common stocks (Moody's) ¹										Prices		
	Dividend yields					Earnings per share, quarterly (at annual rate)					Dividend yields (Standard and Poor's Corp.) ²	Dow-Jones & Co., Inc. ³	
	Total (200 stocks)	Industrial (125 stocks)	Public utility (75 stocks)	Railroad (25 stocks)	Bank (15 stocks)	Insurance (10 stocks)	Industrial (125 stocks)	Public utility (24 stocks)	Railroad (25 stocks)	Preferred stocks, high-grade (11 stocks)		Total (65 stocks)	Industrial (30 stocks)
	Percent					Dollars					Percent	Dollars per share	
1935 monthly average ..	4.06	3.52	5.11	3.97	4.77	3.70	1.64	1.54	" -0.02	4.63	41.97	120.00	22.15
1936 monthly average ..	3.50	3.36	3.66	2.74	3.53	3.26	2.49	2.01	1.75	4.33	58.98	162.25	33.18
1937 monthly average ..	4.77	4.79	5.40	4.29	3.59	3.85	2.86	2.06	.78	4.45	58.08	166.36	28.17
1938 monthly average ..	4.38	3.86	6.27	5.29	4.98	4.34	1.42	1.42	" -1.29	4.34	43.10	132.44	20.21
1939 monthly average ..	4.15	3.85	5.31	3.75	4.43	4.13	2.17	1.82	.90	4.17	48.01	142.66	24.43
1940 monthly average ..	5.31	5.30	5.99	5.41	4.45	4.41	2.59	1.81	1.98	4.14	45.28	134.74	22.61
1941 monthly average ..	6.25	6.33	8.02	6.47	4.74	4.17	2.95	1.59	5.00	4.10	41.22	121.82	18.02
1942 monthly average ..	6.60	6.44	9.75	7.73	5.42	4.67	2.36	1.40	9.87	4.31	36.04	107.20	12.63
1943 monthly average ..	4.89	4.54	6.84	6.93	4.07	3.88	2.40	1.55	8.86	4.06	46.39	134.81	19.82
1944 monthly average ..	4.81	4.56	6.28	6.75	3.57	3.75	2.73	1.75	6.58	3.99	51.39	143.32	23.99
1945 monthly average ..	4.19	3.99	4.99	5.51	3.34	3.34	2.72	1.72	4.36	3.70	63.72	169.82	32.15
1946 monthly average ..	3.97	3.75	4.22	5.38	3.75	3.31	3.53	2.19	2.44	3.53	71.01	191.65	39.36
1947													
January.....	4.54	4.37	4.30	5.83	4.18	3.43	4.74	2.12	3.39	3.74	63.78	176.10	36.55
February.....	4.80	4.69	4.86	6.10	4.20	3.43				3.71	65.83	181.54	37.17
March.....	4.89	4.80	5.08	5.97	4.37	3.49				3.72	63.64	176.66	36.02
April.....	5.15	5.07	5.26	6.44	4.57	3.66	4.93	2.15	4.12	3.75	61.04	171.28	34.52
May.....	5.37	5.35	5.32	6.63	4.60	3.80				3.76	59.49	168.67	33.39
June.....	5.16	5.09	5.17	6.43	4.56	3.54				3.76	61.26	173.76	33.98
July.....	5.01	4.91	5.20	5.89	4.41	3.58	5.39	2.12	3.32	3.72	65.32	183.52	35.61
August.....	5.17	5.12	5.20	6.11	4.42	3.68				3.71	64.36	180.08	35.58
September.....	5.27	5.21	5.31	6.21	4.48	3.71				3.72	63.39	176.82	35.25
October.....	5.22	5.17	5.44	6.18	4.48	3.63	6.22	2.16	6.03	3.86	64.97	181.92	35.48
November.....	5.54	5.48	6.23	6.34	4.68	3.57				4.01	63.98	181.42	34.10
December.....	5.44	5.41	6.17	5.76	4.70	3.50				4.07	63.66	179.18	33.04
Monthly average....	5.13	5.06	5.30	6.16	4.47	3.59	5.32	2.16	4.22	3.79	63.39	177.58	35.06
1948													
January.....	5.62	5.66	5.78	5.77	4.63	3.49	6.35	2.14	2.67	4.13	63.61	176.26	33.06
February.....	5.88	5.97	6.02	6.06	4.77	3.52				4.18	60.91	168.47	31.95
March.....	5.57	5.58	5.91	5.89	4.60	3.40				4.12	61.75	169.94	32.24
April.....	5.46	5.50	5.88	5.55	4.50	3.29	6.85	2.08	6.77	4.12	66.03	180.05	33.75
May.....	5.26	5.28	5.60	5.21	4.43	3.09				4.09	69.11	186.38	35.16
June.....	5.31	5.30	5.56	5.30	4.54	3.34				4.04	70.61	191.05	35.73
July.....	5.55	5.62	5.70	5.60	4.72	3.53	7.25	2.15	9.02	4.10	69.97	187.05	35.39
August.....	5.70	5.80	5.73	5.58	4.54	3.49				4.20	67.99	181.77	34.65
September.....	5.95	6.06	5.87	6.25	4.67	3.40				4.20	67.69	180.33	34.74
October.....	5.82	5.93	5.67	6.20	4.45	3.16	7.65	2.22	6.29	4.28	69.00	185.19	35.20
November.....	6.72	6.98	6.24	7.42	4.87	3.30				4.21	64.90	176.60	33.34
December.....	6.57	6.78	6.22	7.67	4.74	3.34				4.15	64.24	176.31	33.09
Monthly average....	5.78	5.87	5.85	6.04	4.62	3.37	7.03	2.22	6.19	4.15	66.32	179.95	34.03
1949													
January.....	6.62	6.84	6.00	7.77	4.67	3.33	6.60	2.24	1.72	4.09	65.37	179.75	34.43
February.....	6.85	7.12	6.05	8.39	4.70	3.33				4.04	63.15	174.46	34.51
March.....	6.66	6.88	5.95	8.31	4.66	3.27				4.07	63.29	175.88	35.08
April.....	6.81	7.02	5.98	8.63	4.71	3.34	6.00	2.28	4.04	4.07	63.47	175.65	35.73
May.....	7.04	7.29	6.01	8.91	4.75	3.38				4.04	62.79	174.03	35.73
June.....	7.00	7.22	6.18	9.28	4.76	3.52				3.98	59.25	165.59	34.31
July.....	6.64	6.78	5.96	8.97	4.70	3.35	6.75	2.37	3.45	3.97	61.61	173.34	35.31
August.....	6.50	6.61	5.77	8.94	4.51	3.26				3.90	63.79	179.24	36.54
September.....	6.31	6.39	5.68	8.66	4.52	3.21				3.85	64.68	180.93	37.65
October.....	6.11	6.19	5.63	8.35	4.41	3.10	7.05	2.36	5.47	3.88	66.66	186.47	38.25
November.....	6.62	6.86	5.64	8.11	4.61	3.00				3.89	67.98	191.61	39.22
December.....	6.36	6.58	5.50	7.36	4.54	3.18				3.88	70.35	196.78	40.55
Monthly average....	6.63	6.82	5.86	8.47	4.63	3.27	6.60	2.36	3.67	3.97	64.37	179.48	36.44
1950													
January.....	6.28	6.50	5.35	7.10	4.55	3.37	6.59	2.52	1.43	3.83	72.53	199.79	41.52
February.....	6.24	6.49	5.33	6.85	4.32	3.28				3.84	73.64	203.46	42.62
March.....	6.16	6.40	5.30	6.74	4.42	3.30				3.81	74.52	206.30	43.16
April.....	5.98	6.18	5.27	6.72	4.38	3.44	8.66	2.58	5.73	3.82	75.86	212.67	42.86
May.....	5.79	5.97	5.19	6.45	4.26	3.29				3.82	77.68	219.36	43.61
June.....	6.17	6.35	5.60	6.92	4.54	3.41				3.85	77.37	221.02	43.04
July.....	6.17	6.36	5.99	5.89	4.50	3.74	9.44	2.54	9.80	3.92	73.22	205.30	38.69
August.....	6.39	6.66	5.92	5.99	4.50	3.51				3.85	77.56	216.60	38.88
September.....	6.22	6.45	5.82	6.04	4.45	3.27				3.85	80.21	223.21	39.44
October.....	6.49	6.76	6.02	6.39	4.63	3.22	9.08	2.62	11.84	3.88	82.91	229.32	40.63
November.....	6.80	7.12	6.10	6.86	4.61	3.43				3.88	82.56	229.38	40.41
December.....	6.57	6.89	6.00	6.03	4.71	3.43				3.89	84.24	229.26	39.59
Monthly average....	6.27	6.51	5.66	6.50	4.49	3.39	8.45	2.62	7.20	3.85	77.69	216.31	41.29

For footnotes giving source of data and description of series, see p. 234.

FINANCE—SECURITY MARKETS—Continued

YEAR AND MONTH	STOCKS														
	Prices								Sales (Securities and Exchange Commission)				Shares listed N.Y.S.E. ⁴		
	Standard and Poor's Corporation ¹								Total on all registered exchanges ²		On New York Stock Exchange			Market value, all listed shares	Number of shares listed
	Com- bined index (416 stocks)	Industrial			Public utility (31 stocks)	Rail- road (20 stocks)	Other issues		Market value	Shares sold	Market value ²	Shares sold			
		Total (365 stocks)	Capital goods (121 stocks)	Con- sumers' goods (182 stocks)			Banks, N.Y.C. (19 stocks)	Fire and marine insur- ance (18 stocks)				Total ²	Exclusive of odd lot and stopped sales ³		
	1935-39=100								Mil. of dollars	Thousands	Mil. of dollars	Thousands		Mil. of dollars	Million
1935 monthly average...	82.9	82.2	72.7	89.4	83.9	90.2	91.5	97.0	1,281	55,159	1,111	41,557	31,806	37,877	1,306
1936 monthly average...	117.5	115.2	113.9	119.2	122.1	136.5	115.5	111.6	1,968	79,695	1,699	58,540	41,339	53,652	1,341
1937 monthly average...	117.5	118.1	125.0	110.5	110.4	129.8	120.4	100.1	1,751	69,741	1,539	51,136	34,122	53,873	1,394
1938 monthly average...	88.2	90.1	91.8	86.2	85.6	69.5	82.2	91.5	1,028	45,181	918	35,351	24,787	41,425	1,425
1939 monthly average...	94.2	94.8	97.1	95.0	98.6	74.7	91.1	100.1	952	38,927	831	30,528	21,835	44,265	1,429
1940 monthly average...	88.1	87.9	90.2	90.7	95.8	71.1	90.7	102.0	701	31,395	598	23,755	17,300	42,424	1,449
1941 monthly average...	80.0	80.4	83.2	78.3	81.0	70.6	85.4	108.3	520	25,836	438	19,178	14,211	39,279	1,462
1942 monthly average...	69.4	71.3	72.9	68.5	61.3	66.1	69.3	99.5	359	18,370	306	14,096	10,473	35,077	1,470
1943 monthly average...	91.9	94.1	88.7	93.1	82.1	88.7	91.4	116.1	752	40,445	639	30,220	23,228	46,599	1,478
1944 monthly average...	99.8	101.7	91.5	107.4	89.9	101.0	104.1	115.4	817	38,657	688	28,472	21,923	51,642	1,491
1945 monthly average...	121.5	123.3	111.4	131.6	106.1	136.9	116.8	128.0	1,356	63,897	1,123	42,214	31,464	64,074	1,539
1946 monthly average...	139.9	143.4	129.3	153.7	120.2	143.0	115.3	131.9	1,568	66,825	1,297	44,215	30,309	74,773	1,696
1947															
January.....	125.2	128.5	117.6	133.8	110.7	114.7	106.2	122.4	1,100	47,312	918	32,628	23,557	69,627	1,779
February.....	128.7	132.6	121.6	139.7	111.4	118.8	103.9	125.8	1,144	53,518	944	34,109	23,758	68,839	1,786
March.....	123.7	127.7	117.1	133.5	107.3	109.9	101.2	122.4	928	37,227	770	25,302	19,337	67,608	1,792
April.....	119.3	123.1	113.0	126.7	104.6	102.2	94.7	118.8	980	45,141	826	32,363	20,620	64,520	1,794
May.....	115.2	119.0	108.0	121.4	102.0	95.1	95.0	114.0	889	40,362	795	28,021	20,616	63,646	1,814
June.....	119.1	124.1	111.9	126.4	100.8	97.6	94.7	117.0	813	35,588	677	23,882	17,483	66,548	1,829
July.....	126.0	131.7	118.9	134.6	102.2	108.2	97.3	120.5	1,062	45,845	900	33,259	25,473	69,365	1,847
August.....	124.5	130.2	117.0	132.4	101.4	105.2	98.0	116.1	728	29,662	624	21,600	14,153	68,184	1,862
September.....	123.1	128.4	115.7	130.5	102.0	103.6	97.5	114.0	722	31,649	611	21,556	16,017	67,522	1,870
October.....	125.1	131.1	119.1	132.8	101.0	104.2	96.7	116.4	1,230	55,736	1,043	40,620	28,635	68,884	1,879
November.....	123.6	130.3	118.9	131.1	97.2	100.1	94.8	117.3	812	37,277	681	26,326	16,371	67,026	1,896
December.....	122.4	129.2	117.5	128.4	94.0	103.9	91.0	116.9	1,178	53,160	1,003	38,688	27,605	68,313	1,907
Monthly average.....	123.0	128.0	116.4	130.9	102.9	105.3	97.6	118.5	966	42,706	812	29,863	21,135	67,507	1,838
1948															
January.....	120.1	126.0	115.0	125.1	95.1	106.5	93.9	119.6	924	40,123	785	28,696	20,218	66,090	1,923
February.....	114.2	119.2	108.9	117.8	92.6	101.9	91.2	117.7	777	34,333	659	24,704	16,801	63,158	1,928
March.....	116.4	121.8	111.4	118.9	93.0	105.2	92.5	119.5	898	41,464	760	29,791	22,993	67,757	1,933
April.....	124.6	130.8	119.9	125.6	96.2	115.2	94.2	125.4	1,433	63,063	1,219	45,307	34,613	70,262	1,938
May.....	130.2	136.9	125.0	131.1	99.2	122.6	97.5	131.1	1,717	77,120	1,468	57,504	42,769	74,704	1,962
June.....	135.1	142.7	129.8	135.3	100.6	125.6	96.6	132.7	1,457	62,732	1,227	46,395	30,922	74,507	1,977
July.....	131.9	138.9	126.8	132.0	99.5	124.7	94.3	127.3	1,108	45,256	934	32,877	24,585	71,056	1,991
August.....	127.1	133.5	121.6	128.3	97.3	119.7	95.0	122.8	740	30,823	624	21,758	15,039	70,862	1,998
September.....	125.7	131.7	121.1	127.2	97.3	120.4	96.1	125.1	746	32,322	626	22,649	17,564	68,614	2,004
October.....	127.8	134.3	123.9	128.0	97.4	120.9	96.0	135.3	891	40,593	747	29,081	20,434	72,186	2,008
November.....	120.4	126.4	116.3	122.1	94.2	108.8	92.9	131.0	1,137	53,415	970	39,345	28,319	65,466	2,011
December.....	119.4	125.5	115.9	120.2	92.9	105.8	90.3	135.7	1,077	49,092	914	35,534	27,963	67,048	2,018
Monthly average.....	124.4	130.6	119.6	126.0	96.3	114.8	94.2	125.9	1,075	47,528	911	34,470	25,185	69,309	1,974
1949															
January.....	121.0	127.3	117.6	122.8	94.2	105.9	92.6	138.6	854	37,069	716	26,471	18,825	67,478	2,030
February.....	117.2	122.7	113.2	120.4	94.4	99.6	92.6	140.9	720	31,509	601	22,153	17,180	65,325	2,045
March.....	118.0	123.7	113.1	120.9	95.3	97.4	93.4	141.5	754	36,915	626	26,182	21,135	67,518	2,051
April.....	118.5	124.2	111.6	121.2	96.1	97.1	93.9	140.9	853	40,684	722	30,293	19,314	66,238	2,060
May.....	117.7	123.5	110.4	121.2	95.3	95.8	93.3	139.7	765	37,411	639	26,709	18,179	64,147	2,072
June.....	112.0	117.0	104.3	116.7	93.0	88.4	91.0	134.5	705	39,437	587	28,776	17,767	63,921	2,140
July.....	117.8	123.8	110.5	123.9	95.4	90.6	92.5	138.1	626	37,950	526	29,139	18,752	67,279	2,150
August.....	121.8	128.0	114.5	127.4	98.5	94.2	95.5	144.9	807	39,057	672	28,977	21,785	68,668	2,154
September.....	123.8	130.3	116.0	129.2	100.0	95.1	96.8	149.0	871	40,457	729	29,937	23,837	70,700	2,162
October.....	127.3	134.4	119.7	133.0	101.2	97.6	99.5	157.2	1,083	51,455	906	38,474	28,891	72,631	2,145
November.....	129.1	136.5	123.8	135.2	102.6	96.2	99.3	160.1	1,222	55,245	1,035	40,464	27,244	73,175	2,152
December.....	132.7	140.3	128.6	140.2	104.1	101.0	99.6	166.1	1,480	68,535	1,252	52,028	39,293	76,292	2,166
Monthly average.....	121.4	127.6	115.3	126.0	97.5	96.6	95.0	146.1	895	42,977	751	31,634	22,684	68,614	2,111
1950															
January.....	135.1	142.6	132.1	143.4	105.8	107.8	101.8	168.5	1,663	73,807	1,409	56,037	42,576	77,940	2,181
February.....	136.7	144.4	134.5	145.3	107.4	107.2	104.2	169.0	1,374	59,240	1,164	45,078	33,406	78,639	2,184
March.....	138.8	146.5	136.3	146.5	109.6	108.5	107.7	170.6	1,690	73,554	1,422	54,725	40,411	79,483	2,204
April.....	141.8	150.0	141.4	148.7	111.0	109.5	104.5	166.7	1,807	86,339	1,532	64,018	48,245	82,415	2,213
May.....	146.9	156.1	148.9	152.4	112.8	109.7	107.9	166.4	1,866	81,089	1,605	62,181	41,604	85,625	2,225
June.....	147.7	157.6	149.7	154.6	111.5	107.1	108.5	171.0	1,949	72,396	1,680	56,257	45,647	80,652	2,236
July.....	138.2	147.3	138.6	141.8	103.0	109.7	102.2	157.1	1,930	72,026	1,692	57,074	44,549	82,000	2,247
August.....	147.2	158.0	149.4	149.1	104.2	120.6	104.6	159.2	1,700	65,977	1,456	50,038	38,473	85,053	2,257
September.....	151.7	163.3	153.2	155.4	104.9	125.1	105.8	168.7	1,608	63,712	1,380	48,009	38,594	88,673	2,272
October.....	157.8	170.7	159.3	164.9	106.2	129.2	105.4	175.1	2,090	84,451	1,796	64,422	48,390	88,525	2,325
November.....	156.1	168.8	159.9	160.2	105.0	126.5	104.6	180.2	1,864	66,685	1,618	51,231	43,085	89,506	2,333
December.....	158.4	171.2	164.3	157.8	104.4	139.4	105.2	184.2	2,261	93,209	1,981	72,737	59,820	93,807	2,353
Monthly average.....	146.4	156.4	147.3	151.7	107.2	116.7	105.2	169.7	1,817						

For footnotes giving source of data and description of series, see pp. 234, 235.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—BALANCE OF PAYMENTS

YEAR AND MONTH	BALANCE OF PAYMENTS (QUARTERLY) ²																	
	Goods and services								Balance on goods and services	Unilateral transfers (net)†			U.S. long- and short-term capital (net)†			Foreign long- and short-term capital (net)†	Increase (-) or decrease (+) in U.S. gold stock	Errors and omissions
	Exports				Imports					Total	Private	Government	Total	Private	Government			
	Total	Merchandise, adjusted	Income on investments abroad	Other services	Total	Merchandise, adjusted	Income on foreign investments in U.S.	Other services										
Millions of dollars																		
1935 quarterly av.....	816	601	130	85	789	615	39	135	+27	-41	-41	(2)	+135	+135	(2)	+242	-456	+92
1936 quarterly av.....	885	648	142	95	864	636	68	160	+21	-44	-44	(2)	+58	+58	(2)	+244	-318	+39
1937 quarterly av.....	1,138	863	144	131	1,067	795	74	198	+71	-55	-43	-12	+80	+80	(2)	+139	-341	+106
1938 quarterly av.....	1,084	811	146	127	764	543	50	171	+320	-43	-39	-4	+17	+17	(2)	+94	-450	+62
1939 quarterly av.....	1,108	837	135	136	844	602	57	185	+263	-42	-38	-4	+81	+81	(2)	+293	-794	+197
1940 quarterly av.....	1,339	1,031	141	167	909	678	53	178	+430	-53	-45	-8	+48	+61	-13	+316	-1,061	+319
1941 quarterly av.....	1,724	1,336	136	252	1,122	872	47	203	+603	-284	-45	-239	-76	+22	-98	-182	-180	+119
1942 quarterly av.....	2,942	2,297	128	517	1,339	991	40	308	+1,603	-1,584	-31	-1,553	-47	+8	-55	+25	+6	-2
1943 quarterly av.....	4,784	3,779	127	878	2,024	1,357	39	628	+2,760	-3,227	-62	-3,165	-20	+7	-27	+290	+189	+9
1944 quarterly av.....	5,359	4,242	143	974	2,246	1,397	40	809	+3,113	-3,536	-90	-3,446	-77	-19	-58	+171	+338	-9
1945 quarterly av.....	4,068	3,118	147	803	2,558	1,416	58	1,084	+1,510	-1,778	-118	-1,660	-392	-137	-255	+521	+137	+2
1946 quarterly av.....	3,685	2,918	203	565	1,741	1,292	54	395	+1,945	-742	-170	-572	-845	-92	-753	-247	-156	+45
1947																		
January.....	4,800	3,926	240	634	1,988	1,509	56	423	+2,812	-634	-174	-460	-4,042	-282	-3,760	+1,631	+81	+152
February.....																		
March.....																		
April.....	5,268	4,273	283	712	2,103	1,563	63	477	+3,165	-617	-145	-472	-1,894	-197	-1,697	-383	-793	+522
May.....																		
June.....																		
July.....	4,830	3,857	266	707	1,986	1,360	52	574	+2,844	-693	-162	-531	-1,563	-363	-1,200	-176	-666	+254
August.....																		
September.....																		
October.....	4,898	3,921	357	620	2,212	1,668	78	466	+2,686	-668	-184	-484	-457	-157	-300	-829	-784	+52
November.....																		
December.....																		
Quarterly av.....	4,949	3,994	287	668	2,072	1,525	62	485	+2,877	-653	-166	-487	-1,989	-250	-1,739	+61	-541	+245
1948																		
January.....	4,438	3,588	293	557	2,472	1,963	62	447	+1,966	-1,051	-185	-866	-663	-211	-452	-211	-348	+307
February.....																		
March.....																		
April.....	4,278	3,379	334	565	2,520	1,944	58	518	+1,758	-1,067	-168	-899	-294	-252	-42	-83	-524	+210
May.....																		
June.....																		
July.....	4,012	3,063	358	591	2,685	1,892	82	711	+1,327	-1,420	-151	-1,269	-154	-278	+124	+156	-320	+411
August.....																		
September.....																		
October.....	4,239	3,316	390	533	2,591	2,023	82	486	+1,648	-1,297	-174	-1,123	-639	-123	-516	+517	-338	+109
November.....																		
December.....																		
Quarterly av.....	4,242	3,337	344	562	2,567	1,956	71	541	+1,675	-1,209	-170	-1,039	-438	-216	-222	+95	-383	+259
1949																		
January.....	4,357	3,455	337	565	2,519	1,939	100	480	+1,838	-1,511	-129	-1,382	-485	-197	-288	+71	-69	+156
February.....																		
March.....																		
April.....	4,405	3,436	353	616	2,379	1,731	81	567	+2,026	-1,701	-139	-1,562	-226	-121	-105	-208	-169	+278
May.....																		
June.....																		
July.....	8,706	2,774	360	572	2,325	1,577	72	676	+1,381	-1,413	-113	-1,300	-271	-88	-183	0	-91	+394
August.....																		
September.....																		
October.....	8,506	2,672	355	479	2,380	1,819	100	461	+1,126	-1,218	-141	-1,077	-274	-203	-71	+244	+165	-43
November.....																		
December.....																		
Quarterly av.....	3,994	3,084	351	558	2,401	1,767	88	546	+1,593	-1,461	-131	-1,330	-314	-152	-162	+27	-41	+196
1950																		
January.....	3,257	2,439	363	455	2,530	1,960	76	494	+727	-1,146	-123	-1,023	-125	-43	-82	+252	+203	+89
February.....																		
March.....																		
April.....	3,526	2,615	385	526	2,709	2,007	125	577	+817	-1,246	-124	-1,122	-220	-181	-39	+638	+29	-18
May.....																		
June.....																		
July.....	3,494	2,498	477	519	3,374	2,533	90	751	+120	-972	-107	-865	-872	-835	-37	+809	+740	+175
August.....																		
September.....																		
October.....	4,148	3,106	518	524	3,515	2,815	146	554	+633	-1,237	-127	-1,110	-264	-258	-6	+187	+771	-90
November.....																		
December.....																		
Quarterly av.....	3,606	2,665	436	506	3,032	2,329	109	594	+574	-1,150	-120	-1,030	-370	-329	-41	+472	+436	+39

For footnotes giving source of data and description of series, see p. 235.

†Excess of receipts (+) or payments (-).

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE

YEAR AND MONTH	INDEXES OF EXPORTS AND IMPORTS												SHIPPING WEIGHT, WATER-BORNE TRADE ³			
	Exports of U. S. merchandise ¹			Imports for consumption ¹			Agricultural products, quantity ²						Exports, including reex-ports	General imports		
	Quan- tity	Value	Unit value	Quan- tity	Value	Unit value	Exports, U. S. merchandise				Imports for consumption					
							Total		Total, excluding cotton		Unad-justed ^a	Adjusted [†]			Unad-justed ^a	Adjusted [†]
							Unad-justed ^a	Adjusted [†]	Unad-justed ^a	Adjusted [†]						
1936-38 = 100							1924-29 = 100 ^a						Thousands of long tons			
1935 monthly average...	80	77	96	92	83	90	55	.....	39	.....	103	.....	.....	.....		
1936 monthly average...	84	83	98	102	98	96	51	.....	37	.....	104	.....	.....	.....		
1937 monthly average...	108	113	104	114	122	108	59	.....	46	.....	113	.....	.....	.....		
1938 monthly average...	108	105	97	82	79	96	67	.....	78	.....	87	.....	.....	.....		
1939 monthly average...	113	107	95	94	92	98	58	.....	58	.....	97	.....	.....	.....		
1940 monthly average...	132	135	102	99	103	105	42	.....	39	.....	108	.....	.....	.....		
1941 monthly average...	157	172	109	117	131	112	38	.....	61	.....	130	.....	.....	.....		
1942 monthly average...	206	274	133	87	113	130	48	.....	82	.....	78	.....	.....	.....		
1943 monthly average...	301	439	146	97	138	141	67	.....	112	.....	82	.....	4,558	.....		
1944 monthly average...	290	484	167	105	158	151	60	.....	105	.....	89	.....	5,175	.....		
1945 monthly average...	197	328	167	107	167	156	71	.....	110	.....	82	.....	5,281	.....		
1946 monthly average...	206	325	158	113	196	173	101	.....	150	.....	98	.....	6,476	3,660		
1947																
January.....	269	481	179	134	262	195	109	109	170	176	142	132	5,977	4,296		
February.....	268	484	181	102	208	203	120	143	179	220	101	97	6,535	3,661		
March.....	306	558	183	101	212	210	122	140	184	214	94	81	7,569	4,107		
April.....	295	551	187	107	237	223	107	131	169	200	104	96	8,762	4,323		
May.....	320	611	191	105	223	213	114	138	187	211	102	105	11,834	4,606		
June.....	281	536	191	107	230	214	110	144	172	204	93	100	11,133	4,510		
July.....	269	514	191	102	218	213	98	127	178	220	85	94	10,154	5,029		
August.....	262	515	197	94	200	212	98	94	184	170	74	80	12,240	4,701		
September.....	249	482	194	109	232	212	98	82	172	143	93	98	10,577	4,375		
October.....	270	528	195	118	247	210	105	80	183	144	101	102	10,461	4,454		
November.....	243	483	198	102	219	215	93	77	156	136	89	96	9,180	4,133		
December.....	235	477	203	124	275	223	93	80	147	133	114	118	6,575	4,509		
Monthly average.....	275	518	188	108	230	213	106	.....	174	.....	99	.....	9,250	4,392		
1948																
January.....	218	444	203	121	272	225	86	87	134	142	123	115	5,796	3,959		
February.....	213	441	207	122	283	232	85	104	139	175	111	107	5,312	4,173		
March.....	228	463	203	135	315	234	90	103	142	162	124	109	5,125	5,036		
April.....	225	456	202	109	258	236	80	101	133	163	86	80	4,780	4,438		
May.....	221	447	203	114	267	234	79	99	124	146	96	99	7,781	4,682		
June.....	204	412	202	127	295	233	74	96	125	152	112	122	8,050	5,735		
July.....	202	414	205	116	277	238	88	122	148	188	97	109	8,060	5,055		
August.....	200	403	201	122	291	238	92	94	163	149	104	113	8,356	5,336		
September.....	190	376	198	120	288	240	91	73	152	121	99	103	7,319	5,017		
October.....	210	416	198	124	295	238	98	73	155	121	102	103	6,937	5,673		
November.....	171	335	196	115	274	238	99	85	134	120	92	85	5,613	5,349		
December.....	274	535	196	145	343	237	130	108	181	163	130	129	5,654	5,657		
Monthly average.....	214	428	200	123	288	235	91	.....	143	.....	106	.....	6,565	5,009		
1949																
January.....	228	448	197	119	282	237	115	114	169	175	109	104	4,975	5,315		
February.....	220	424	193	115	270	236	120	145	165	207	99	97	4,700	4,978		
March.....	252	483	191	131	304	233	125	143	165	192	109	98	5,464	5,228		
April.....	251	477	190	114	257	226	117	147	148	174	96	91	7,251	5,443		
May.....	237	445	188	116	260	224	116	146	162	180	92	93	8,273	5,683		
June.....	240	450	188	117	258	222	115	159	154	181	97	104	7,945	5,829		
July.....	200	365	183	102	224	220	84	118	133	164	91	100	4,907	5,750		
August.....	197	359	182	115	250	218	91	104	154	155	97	105	5,459	5,975		
September.....	203	369	182	117	258	220	93	77	152	124	102	107	4,553	6,247		
October.....	195	347	178	125	273	218	99	72	136	106	98	99	3,083	6,271		
November.....	192	342	178	134	289	215	99	77	133	117	114	120	3,705	6,298		
December.....	214	384	179	133	289	217	116	93	136	122	111	108	3,815	6,058		
Monthly average.....	221	408	185	120	268	224	108	.....	151	.....	100	.....	5,344	5,756		
1950																
January.....	168	300	178	138	304	220	89	85	100	104	112	105	2,628	6,654		
February.....	177	310	175	129	288	223	98	113	103	124	109	105	2,676	5,289		
March.....	199	349	175	143	322	225	103	116	110	125	114	101	3,012	7,196		
April.....	187	325	174	123	280	227	98	124	126	150	104	98	4,430	6,432		
May.....	194	335	173	141	319	226	89	122	102	120	103	105	5,519	6,962		
June.....	203	355	175	143	331	232	103	157	102	124	108	118	5,586	7,496		
July.....	178	315	177	143	342	240	69	104	98	125	113	126	5,088	6,883		
August.....	173	308	178	161	399	247	78	109	101	109	134	146	5,457	7,941		
September.....	201	368	183	156	402	257	88	73	120	98	122	128	5,817	7,468		
October.....	196	366	187	170	445	263	80	58	116	90	126	127	5,885	8,285		
November.....	211	398	189	152	410	271	86	67	117	101	109	114	5,306	7,601		
December.....	221	431	195	151	418	276	97	80	129	117	103	103	4,414	7,421		
Monthly average.....	193	347	180	146	355	243	90	.....	111	.....	113	.....	4,652	7,136		

For footnotes giving source of data and description of series, see pp. 235, 236.

*Unadjusted for seasonal variation.

†Adjusted for seasonal variation.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	EXPORTS, INCLUDING REEXPORTS ²												
	Total	By geographic regions						By leading countries					
		Africa	Asia and Oceania ³	Europe ³	North America		South America	Africa		Australia, including New Guinea	British Malaya	China	India and Pakistan ⁴
					Northern	Southern		Egypt	Union of South Africa				
Thousands of dollars													
1935 monthly average ..	190,239	8,018	37,645	85,770	27,462	16,816	14,528	873	4,405	4,757	375	3,179	2,619
1936 monthly average ..	204,665	9,517	39,837	86,900	32,630	18,763	17,019	836	5,840	4,874	418	3,902	2,234
1937 monthly average ..	279,097	12,680	56,577	113,301	43,255	26,756	26,530	1,143	7,394	6,126	736	4,142	3,646
1938 monthly average ..	257,870	9,862	50,870	110,495	39,631	22,035	24,976	1,110	5,839	5,749	738	2,893	2,787
1939 monthly average ..	264,765	9,585	53,423	107,479	41,514	25,336	27,427	1,154	5,762	5,130	831	4,635	3,568
1940 monthly average ..	335,096	13,384	59,474	137,119	60,384	28,435	36,299	1,714	8,660	6,289	1,302	6,497	5,702
1941 monthly average ..	428,930	42,022	62,381	153,911	84,361	42,307	43,948	20,820	15,582	7,586	3,856	7,946	8,180
1942 monthly average ..	673,293	67,984	87,416	333,090	114,065	39,419	31,320	48,661	8,327	23,658	549	8,636	31,483
1943 monthly average ..	1,080,409	125,613	117,206	634,754	123,214	545,333	34,290	74,236	12,670	38,393	0	4,437	46,155
1944 monthly average ..	1,188,225	71,784	117,189	778,683	123,385	52,162	45,023	40,920	10,737	29,147	0	4,314	64,773
1945 monthly average ..	817,135	43,639	100,235	457,899	101,237	60,357	53,769	13,733	10,927	25,836	87	8,970	39,888
1946 monthly average ..	811,527	40,735	120,295	342,561	122,879	89,341	95,716	2,939	19,028	6,981	1,217	38,737	15,091
1947 ⁵													
January.....	1,193,307	56,357	186,889	488,653	149,024	142,245	170,139	3,857	29,312	16,748	2,323	35,694	26,587
February.....	1,198,155	52,512	208,229	473,794	148,124	140,661	174,836	3,677	27,719	8,307	3,358	39,723	25,614
March.....	1,383,464	73,792	235,816	517,708	185,155	144,592	226,401	4,576	40,001	19,545	5,772	37,351	43,494
April.....	1,361,834	68,719	213,208	523,506	188,136	152,361	215,906	5,537	34,659	14,291	4,172	26,164	38,598
May.....	1,503,488	86,780	256,075	562,995	210,091	148,742	238,804	6,765	41,737	24,458	7,145	41,359	44,160
June.....	1,320,270	74,866	253,317	480,422	191,598	127,000	193,067	6,473	36,437	20,678	5,205	55,573	55,713
July.....	1,265,045	65,788	240,899	469,718	170,498	130,591	187,549	5,284	34,736	26,380	7,790	39,409	28,205
August.....	1,265,295	70,452	227,876	469,207	174,921	126,269	196,569	5,383	36,807	23,822	5,619	19,692	24,521
September.....	1,185,174	65,753	191,885	448,963	176,814	125,379	176,381	6,397	29,911	19,752	5,733	12,069	29,132
October.....	1,303,977	76,737	217,610	444,902	202,801	166,085	195,843	3,935	35,863	21,314	5,993	11,947	31,732
November.....	1,187,984	72,208	202,572	401,886	181,038	149,991	180,289	4,718	34,243	19,855	5,742	15,835	26,091
December.....	1,172,296	57,508	215,258	388,553	152,054	161,063	197,859	3,514	32,514	21,324	6,901	18,682	30,219
Monthly average.....	1,278,357	68,456	220,803	472,526	177,521	142,915	196,137	5,010	34,495	19,706	5,479	29,458	33,422
1948													
January.....	1,091,583	68,967	187,783	401,617	138,326	118,794	176,096	2,439	38,273	14,203	6,733	18,011	29,354
February.....	1,084,539	62,374	195,422	396,268	141,728	113,868	174,877	3,058	36,698	9,706	7,962	21,891	18,006
March.....	1,138,571	66,134	190,636	406,298	151,301	126,058	198,143	2,862	36,610	9,209	6,868	23,504	18,489
April.....	1,121,086	78,626	201,827	371,415	150,779	127,878	190,561	3,455	49,593	6,446	11,177	31,364	32,762
May.....	1,102,445	63,908	192,175	352,907	171,245	149,754	172,456	2,314	40,565	8,571	10,760	35,494	25,048
June.....	1,012,999	64,567	180,830	335,048	179,067	119,031	134,456	3,325	41,309	6,814	7,913	22,824	32,294
July.....	1,019,462	67,994	209,200	330,877	155,073	115,129	141,189	3,328	44,376	7,881	7,227	26,727	26,519
August.....	992,265	67,001	181,710	324,517	169,273	107,961	141,802	1,534	45,578	7,748	4,088	18,968	19,373
September.....	925,371	59,489	154,652	319,021	168,739	98,208	125,262	3,465	42,278	5,711	4,899	7,737	31,148
October.....	1,022,558	60,996	179,691	327,997	180,073	119,660	154,141	2,286	39,344	9,823	5,703	9,569	28,812
November.....	822,974	46,409	133,890	272,211	175,410	99,449	95,604	2,000	31,885	10,393	1,598	13,868	17,519
December.....	1,317,500	78,189	273,544	437,815	165,451	155,831	205,819	6,282	45,602	18,110	7,069	43,188	35,882
Monthly average.....	1,054,279	65,388	190,113	356,333	162,206	120,968	159,201	3,029	41,009	9,551	6,833	22,762	26,267
1949													
January.....	1,104,464	53,041	227,423	375,373	148,893	124,959	174,774	6,567	22,345	14,263	5,756	9,982	35,939
February.....	1,043,384	35,763	212,386	380,572	156,634	114,078	143,950	4,874	14,840	13,431	3,592	12,126	26,474
March.....	1,189,195	73,837	245,774	424,715	166,279	125,856	152,735	6,651	31,036	15,203	4,293	15,949	35,362
April.....	1,172,258	58,182	246,236	407,054	188,402	115,373	157,012	5,406	27,844	10,822	3,561	26,816	34,549
May.....	1,094,576	51,753	217,049	399,970	196,889	103,006	125,910	4,076	28,740	13,924	3,047	7,225	33,695
June.....	1,107,283	76,504	214,878	392,244	185,522	105,245	132,890	4,501	29,136	12,599	2,938	2,090	36,303
July.....	899,978	54,945	195,719	280,288	150,910	89,713	128,403	4,287	23,416	12,936	2,965	2,433	22,930
August.....	883,517	37,709	175,869	280,773	169,730	106,685	112,752	3,636	17,525	7,938	2,816	965	16,580
September.....	909,603	49,814	188,328	286,556	152,274	105,355	127,276	3,589	18,060	10,606	2,616	842	14,361
October.....	852,663	42,535	174,189	285,200	147,639	105,511	97,589	2,991	20,411	11,419	2,167	280	14,979
November.....	840,772	40,203	152,886	277,667	150,989	122,110	96,906	3,546	13,952	8,064	1,839	714	9,977
December.....	944,102	47,651	197,069	325,005	145,007	119,011	110,359	2,758	18,727	13,333	2,037	3,250	17,431
Monthly average.....	1,003,483	51,828	203,984	342,951	163,265	111,409	130,046	4,407	22,169	12,045	3,136	6,889	24,882
1950													
January.....	740,785	24,288	144,660	234,883	128,348	116,083	92,521	2,335	6,882	10,461	1,254	3,398	16,786
February.....	764,454	31,463	148,634	265,130	120,208	99,637	99,383	2,165	8,566	8,024	1,673	8,198	20,413
March.....	860,481	28,177	168,728	282,970	148,312	124,588	107,707	1,703	9,187	10,638	1,365	4,323	36,372
April.....	803,113	29,532	131,790	259,878	164,506	111,223	106,184	2,766	11,816	10,437	1,392	838	18,100
May.....	828,513	29,612	151,288	240,199	191,369	109,290	106,756	3,411	12,189	6,906	1,583	599	31,473
June.....	877,419	36,500	153,058	279,681	173,978	108,584	125,617	2,513	16,652	12,151	1,980	4,096	25,003
July.....	778,586	29,211	119,436	177,928	166,212	115,565	100,430	3,315	9,170	5,986	1,757	3,038	17,485
August.....	761,317	23,446	122,991	184,334	160,515	115,213	108,999	1,680	9,803	6,646	1,369	8,904	11,922
September.....	910,801	26,276	133,783	247,575	179,853	141,857	124,143	2,442	9,695	8,880	2,135	1,004	11,491
October.....	905,263	32,390	120,204	240,681	200,446	122,630	113,667	2,359	8,345	7,422	2,053	984	15,547
November.....	980,896	28,605	148,450	248,050	196,455	133,237	141,201	3,570	9,939	10,014	2,441	2,877	20,434
December.....	1,063,155	42,108	153,794	284,380	185,903	135,004	150,178	4,531	12,525	10,832	1,556	84	24,042
Monthly average.....	856,232	30,134	141,401	245,474	168,009	119,409	114,732	2,733	10,397	9,033	1,713	3,195	20,756

For footnotes giving source of data and description of series, see pp. 236, 237.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	EXPORTS, INCLUDING REEXPORTS, BY LEADING COUNTRIES ²													
	Asia and Oceania			Europe					North and South America					
	Japan ³	Indonesia (formerly Netherlands Indies)	Republic of the Philippines	France	Germany ⁴	Italy ⁵	Union of Soviet Socialist Republics ⁶	United Kingdom	Canada	Latin-American Republics				
										Total ⁷	Argentina	Brazil	Chile	Colombia
Thousands of dollars														
1935 monthly average ..	16,940	906	4,387	9,751	7,665	6,035	2,062	36,117	26,933	28,697	4,115	3,635	1,246	1,803
1936 monthly average ..	17,029	1,146	5,029	10,788	8,496	4,916	2,786	36,777	32,013	32,920	4,743	4,085	1,312	2,311
1937 monthly average ..	24,047	2,088	7,086	13,711	10,529	6,402	3,574	44,707	42,443	48,184	7,849	5,719	2,000	3,267
1938 monthly average ..	19,972	2,293	7,205	11,156	8,927	4,858	5,808	43,407	38,981	40,048	7,233	5,163	2,050	3,405
1939 monthly average ..	19,349	2,952	8,328	15,174	3,873	4,905	4,720	42,117	40,759	45,747	5,912	6,695	2,233	4,273
1940 monthly average ..	18,933	4,482	7,776	21,018	13	4,260	7,245	84,236	59,437	56,889	8,906	9,216	3,619	4,308
1941 monthly average ..	4,992	10,335	9,066	196	1	1	8,960	136,445	82,793	75,163	9,110	12,325	4,790	5,466
1942 monthly average ..	9	4,151	7	90	2	(⁸)	118,787	210,763	111,128	59,827	5,989	8,753	3,433	2,535
1943 monthly average ..	184	0	0	(⁸)	1	1,267	249,570	375,455	120,329	67,787	2,652	13,026	3,574	3,856
1944 monthly average ..	0	0	0	1,491	(⁸)	36,099	289,438	436,865	120,062	87,879	2,424	18,183	4,313	5,033
1945 monthly average ..	53	1,737	3,512	39,335	184	19,224	153,037	182,732	98,130	105,084	3,227	18,219	4,323	7,351
1946 monthly average ..	8,513	4,831	24,787	59,096	6,898	30,814	29,878	71,267	120,134	174,999	15,929	29,701	6,433	12,139
1947 ¹⁰														
January.....	25,401	11,807	30,198	70,761	63,515	42,623	24,671	111,656	146,242	292,850	31,976	52,835	11,796	21,266
February.....	30,411	5,423	52,966	75,099	28,173	45,183	15,780	102,650	143,384	287,249	36,055	56,273	9,126	15,256
March.....	24,199	11,273	42,769	73,199	46,804	49,681	7,232	115,895	181,368	351,123	66,458	65,448	11,481	19,936
April.....	30,804	9,779	32,037	76,416	38,912	55,355	9,281	92,030	181,293	350,367	49,415	61,196	9,919	21,234
May.....	36,894	16,814	33,066	88,131	59,850	48,146	27,116	91,965	203,440	369,381	71,422	68,549	12,387	23,343
June.....	28,162	9,302	29,313	75,102	54,478	51,758	7,656	97,490	187,004	305,381	57,761	49,977	11,322	17,133
July.....	45,080	8,103	30,094	65,156	71,841	27,203	15,572	95,234	166,090	303,326	53,663	50,126	10,505	17,374
August.....	56,224	6,236	32,689	56,808	59,589	31,412	4,051	94,466	170,532	308,698	74,135	44,856	10,602	14,324
September.....	33,763	4,831	34,163	64,750	46,599	38,430	3,032	88,500	172,643	288,697	64,950	40,252	8,530	12,285
October.....	32,755	5,478	41,507	57,924	44,838	37,136	9,158	92,622	198,582	344,567	59,309	52,872	11,605	17,934
November.....	32,365	8,728	40,202	57,764	29,016	40,649	10,384	62,685	176,213	314,981	57,911	45,525	8,193	18,297
December.....	38,397	5,818	40,486	56,049	41,648	32,275	15,137	58,049	146,956	341,196	56,796	55,316	9,873	20,559
Monthly average.....	34,538	8,633	36,627	68,097	48,772	41,654	12,422	91,937	172,812	321,485	56,654	53,602	10,445	18,244
1948														
January.....	30,238	6,967	42,632	70,859	62,015	36,442	7,479	72,397	136,707	280,862	51,065	45,779	8,028	19,078
February.....	37,888	5,536	43,584	57,217	61,186	40,165	5,175	80,078	139,415	271,058	48,238	45,672	5,909	20,434
March.....	24,108	6,248	41,540	64,472	91,174	41,128	8,176	51,734	148,783	306,373	48,842	63,135	5,662	20,690
April.....	12,119	8,308	41,851	59,378	87,023	45,730	3,971	43,604	148,378	300,465	46,516	46,304	7,136	21,935
May.....	12,093	7,421	39,530	69,399	61,516	47,589	204	45,726	168,272	304,211	38,268	43,062	5,342	20,353
June.....	18,060	7,466	36,857	48,016	88,759	25,040	23	40,368	176,577	236,830	27,452	20,012	10,141	14,284
July.....	46,791	8,419	39,561	37,495	78,468	22,098	412	65,649	152,681	240,101	21,616	37,090	6,372	13,717
August.....	40,786	5,448	33,370	37,504	81,370	23,824	1,177	53,648	165,647	234,276	16,677	35,940	8,076	13,477
September.....	26,367	7,364	26,008	30,760	57,187	26,260	89	54,617	166,267	208,551	18,961	33,115	7,599	12,005
October.....	27,926	8,388	38,142	30,264	65,306	29,753	525	51,806	175,944	256,413	20,249	41,255	13,822	12,651
November.....	18,266	3,839	31,637	29,907	61,354	30,097	43	46,071	174,223	184,735	14,942	29,148	5,899	9,769
December.....	30,077	16,754	53,132	55,926	67,362	48,211	605	58,406	161,043	340,194	27,155	56,769	21,482	18,660
Monthly average.....	27,062	7,680	38,987	49,266	71,893	34,695	2,323	53,675	159,495	263,672	31,665	41,440	8,789	16,419
1949														
January.....	35,151	18,197	44,457	52,166	83,285	36,786	186	53,392	146,629	281,404	18,200	51,307	13,210	17,745
February.....	46,350	15,072	35,454	54,927	71,366	55,426	176	59,466	154,197	241,261	9,344	44,828	11,215	15,154
March.....	47,032	12,991	34,449	61,244	77,464	53,980	1,901	62,252	163,276	262,586	9,909	42,927	10,153	19,588
April.....	36,417	12,647	41,632	56,792	72,542	54,186	3,077	61,772	187,482	255,201	9,858	36,869	14,527	19,336
May.....	47,818	10,780	37,635	42,606	81,742	52,911	384	76,160	194,119	214,231	6,110	28,948	12,346	14,698
June.....	41,471	9,740	31,847	62,063	59,202	51,872	60	78,274	184,379	221,950	8,613	33,974	14,230	14,115
July.....	41,046	8,434	36,335	25,420	64,137	23,376	422	50,316	149,944	203,609	13,689	28,690	12,625	13,335
August.....	34,333	7,944	28,979	22,868	63,422	19,139	128	53,203	168,719	204,496	13,731	25,025	10,071	9,662
September.....	42,593	6,605	32,757	26,850	63,379	20,440	80	52,372	151,349	218,078	11,530	32,918	13,138	11,738
October.....	32,020	5,813	39,036	29,279	59,107	28,407	60	55,910	146,589	191,061	10,238	19,472	8,952	11,644
November.....	24,479	4,243	35,213	32,173	64,193	23,904	21	42,496	150,425	208,352	9,516	18,948	9,397	12,482
December.....	38,811	12,032	41,425	30,719	61,516	37,617	122	54,873	143,289	214,939	8,730	18,954	12,698	16,403
Monthly average.....	38,960	10,373	36,602	41,426	68,446	38,170	551	58,374	161,700	226,431	10,789	31,905	11,880	14,659
1950														
January.....	33,546	9,585	19,528	36,884	33,968	27,312	12	28,954	128,346	197,776	10,677	18,429	6,806	14,278
February.....	33,049	6,423	17,282	41,969	31,874	31,301	130	54,219	120,203	188,651	15,588	19,400	6,264	13,917
March.....	29,665	6,770	23,882	33,366	41,938	31,317	37	54,048	148,307	214,502	11,509	22,753	6,697	17,277
April.....	28,009	7,591	23,807	20,060	36,798	39,504	292	48,693	164,495	206,027	10,308	22,537	5,749	22,729
May.....	35,820	8,148	22,184	25,818	36,222	34,357	77	29,267	191,302	205,984	11,818	22,076	6,112	23,612
June.....	33,407	5,522	22,214	37,664	57,203	39,623	26	24,389	173,928	223,697	14,774	27,696	5,697	28,681
July.....	33,552	3,518	17,073	14,198	20,135	17,674	9	24,046	166,181	200,074	8,963	28,024	4,333	20,878
August.....	31,103	4,001	16,500	14,118	25,852	18,627	25	41,581	160,511	214,298	11,600	33,693	4,785	17,004
September.....	45,225	6,468	17,004	24,890	42,652	23,224	3	59,538	179,835	254,457	10,506	39,494	4,235	18,621
October.....	36,569	5,887	16,508	30,005	33,471	22,009	16	58,109	120,431	225,732	11,440	30,066	4,527	15,520
November.....	35,247	7,223	19,988	35,037	40,149	21,785	74	49,780	196,437	263,456	14,624	44,766	6,094	18,706
December.....	42,818	9,465	24,303	35,708	37,587	38,365	51	47,563	185,892	273,337	12,774	44,648	10,430	22,075
Monthly average.....	34,851	6,717	20,023	29,145	36,654	28,758	63	43,350	167,989	222,333	12,048	29,485	5,977	19,441

For footnotes giving source of data and description of series, see p. 237.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	EXPORTS, INCLUDING REEXPORTS, BY LEADING COUNTRIES ²			EXPORTS OF UNITED STATES MERCHANDISE ³										
	North and South America			By economic classes						By principal commodities				
	Latin-American Republics			Total	Crude materials	Crude food-stuffs	Manufactured food-stuffs and beverages	Semi-manufactures ⁴	Finished manufactures ⁴	Agricultural products				
	Cuba	Mexico	Venezuela							Total ⁵	Cotton, unmanufactured ⁶	Fruits, vegetables, and preparations ⁷	Grains and preparations	Packing house products ⁸
Thousands of dollars														
1935 monthly average ..	5,012	5,464	1,549	186,923	56,913	4,896	13,101	29,155	82,859	62,252	32,575	8,545	2,410	3,617
1936 monthly average ..	5,618	6,337	2,007	201,581	55,827	4,845	11,983	32,750	96,175	59,123	30,086	7,563	2,463	3,477
1937 monthly average ..	7,689	9,121	3,870	274,911	60,933	8,709	14,812	55,745	134,712	66,457	30,722	7,832	7,845	3,547
1938 monthly average ..	6,361	5,168	4,357	254,764	50,559	20,749	15,344	41,196	126,917	68,962	19,054	9,119	18,625	4,000
1939 monthly average ..	6,804	6,931	5,164	260,279	45,379	9,230	16,871	49,884	138,915	54,591	20,247	8,180	8,296	4,564
1940 monthly average ..	7,058	8,078	5,768	327,848	38,640	6,168	13,906	75,002	194,133	43,049	17,783	4,515	6,363	2,991
1941 monthly average ..	10,481	13,259	5,681	418,323	29,619	6,965	34,871	64,813	282,055	55,748	6,880	7,580	6,775	11,702
1942 monthly average ..	11,102	12,305	3,931	666,970	34,835	5,653	77,102	76,553	472,828	98,244	8,217	7,265	5,716	37,690
1943 monthly average ..	11,161	15,542	3,726	1,070,129	55,148	9,089	129,228	90,783	785,880	172,847	15,354	13,018	10,445	63,389
1944 monthly average ..	13,948	22,021	7,261	1,180,129	46,164	11,152	136,050	91,389	895,373	174,688	9,546	18,786	12,552	58,142
1945 monthly average ..	16,313	25,585	11,387	798,724	72,552	36,012	103,811	64,960	521,389	187,827	23,223	22,838	37,021	32,698
1946 monthly average ..	22,652	42,055	17,622	791,682	117,984	54,009	126,867	74,594	418,229	261,659	44,846	24,698	65,737	36,395
1947 ¹⁰														
January.....	39,434	51,037	27,676	1,173,234	134,226	100,761	165,158	119,706	653,384	361,258	47,713	44,742	137,330	31,599
February.....	36,484	50,419	35,861	1,178,982	141,072	101,238	145,254	116,905	674,513	345,803	60,972	35,517	146,870	21,610
March.....	37,162	62,514	30,630	1,360,271	155,037	117,308	144,554	147,130	796,241	364,121	60,748	33,410	154,978	21,583
April.....	47,577	57,006	46,150	1,343,373	131,165	117,911	145,834	148,410	800,053	334,065	45,588	36,116	155,926	25,091
May.....	42,769	56,919	39,095	1,489,894	145,278	121,744	175,281	174,124	873,466	361,945	41,134	26,400	190,521	34,805
June.....	41,570	46,883	35,430	1,306,848	154,066	93,584	169,117	162,245	727,836	342,391	50,060	19,045	164,243	24,285
July.....	32,841	51,729	34,947	1,253,276	102,587	125,522	157,822	156,940	710,405	320,376	13,165	25,949	174,264	18,901
August.....	33,328	44,846	31,364	1,254,885	120,914	138,039	139,687	170,101	686,144	308,773	5,714	22,011	178,628	20,598
September.....	35,073	43,331	33,870	1,174,823	128,672	105,188	138,093	150,643	652,228	290,201	18,227	25,995	146,133	25,459
October.....	48,450	52,977	37,065	1,286,801	140,275	103,711	148,790	156,201	737,824	308,643	21,924	29,233	144,522	19,185
November.....	51,383	52,215	34,514	1,176,433	122,732	105,409	126,834	145,504	675,955	286,839	24,525	27,074	135,368	20,598
December.....	45,770	60,022	40,183	1,163,519	125,423	118,374	100,351	136,928	682,442	290,047	37,467	22,381	137,566	13,703
Monthly average.....	40,987	52,492	35,565	1,263,528	133,454	112,399	146,398	148,737	722,541	326,205	35,603	28,990	155,529	23,131
1948														
January.....	33,752	44,250	35,359	1,081,532	112,146	99,145	118,091	130,504	621,645	290,532	42,633	21,554	147,420	12,101
February.....	36,995	37,121	38,397	1,073,844	108,580	118,742	100,923	120,923	624,676	291,055	33,620	29,756	141,755	14,214
March.....	39,302	45,597	40,807	1,128,074	108,346	104,258	122,181	130,064	663,225	299,811	45,904	35,815	127,257	19,328
April.....	40,207	47,132	46,554	1,110,803	86,292	89,745	127,125	122,780	684,861	277,271	31,282	28,580	131,344	9,207
May.....	50,119	45,762	48,719	1,091,155	125,592	74,236	129,373	121,729	640,226	275,093	40,439	26,867	131,062	9,801
June.....	32,854	46,360	44,359	1,004,139	115,541	81,311	112,239	113,552	581,496	240,837	26,475	19,742	135,082	10,397
July.....	30,873	46,954	43,625	1,009,963	130,286	111,466	102,656	115,478	550,078	280,090	28,673	16,622	157,618	10,973
August.....	30,003	38,242	47,106	982,849	119,003	138,851	108,887	107,566	508,543	297,088	21,002	20,255	188,748	10,960
September.....	28,863	36,744	36,776	915,454	124,194	107,223	96,928	91,612	495,497	269,724	30,755	19,563	143,296	10,675
October.....	38,397	42,704	48,558	1,012,944	127,814	127,680	92,270	103,130	562,051	292,483	43,752	19,381	150,013	9,937
November.....	32,772	39,106	27,923	816,220	146,712	96,545	80,335	84,274	408,354	275,146	74,848	17,070	108,440	8,181
December.....	46,791	51,194	58,440	1,305,115	183,943	116,619	122,647	129,085	752,821	383,597	91,623	27,060	142,622	18,849
Monthly average.....	36,744	43,430	43,052	1,044,341	124,037	105,485	109,471	114,225	591,123	289,394	42,584	23,572	142,055	12,052
1949														
January.....	36,676	42,800	51,162	1,092,382	141,410	120,753	94,707	127,742	607,769	324,805	68,883	18,310	140,481	13,441
February.....	34,386	43,377	45,178	1,033,057	153,807	130,554	84,178	119,476	545,043	338,579	85,049	18,187	143,516	13,552
March.....	34,203	49,253	49,760	1,176,259	170,517	144,885	76,953	138,936	644,969	363,075	98,538	23,642	148,874	17,684
April.....	29,527	44,557	54,516	1,162,490	196,212	98,546	97,052	133,490	637,191	342,015	100,674	18,352	114,271	24,756
May.....	27,240	42,331	45,984	1,084,676	173,504	139,052	86,160	127,264	558,695	343,419	80,653	15,469	151,094	17,899
June.....	29,241	36,353	44,278	1,096,662	179,646	111,498	86,974	125,832	592,712	320,158	90,191	13,813	118,565	21,710
July.....	25,531	33,223	43,347	890,090	97,853	98,518	71,416	104,709	517,595	235,416	38,607	10,799	110,907	14,134
August.....	26,610	31,642	38,438	875,974	108,346	124,502	49,726	100,494	492,906	244,520	28,381	9,389	125,374	12,932
September.....	30,981	31,240	41,799	900,418	122,839	102,394	52,438	104,388	518,360	245,842	36,126	11,299	105,949	12,372
October.....	34,777	36,537	34,287	846,169	133,865	83,843	63,475	86,713	478,274	259,948	69,358	18,402	92,989	10,291
November.....	32,872	35,888	33,014	833,384	130,710	94,658	59,210	83,275	465,531	259,315	71,704	16,129	99,738	12,865
December.....	38,248	38,370	36,721	936,126	171,434	91,834	63,409	102,215	507,234	300,314	106,050	14,893	104,866	14,322
Monthly average.....	31,691	38,798	43,207	993,974	148,345	111,753	73,808	112,878	547,190	298,120	72,851	15,724	121,385	15,497
1950														
January.....	32,563	40,959	30,899	731,905	121,499	64,471	47,834	77,911	420,190	221,619	84,667	9,649	78,241	10,436
February.....	27,297	34,536	32,124	755,923	143,877	65,855	41,842	87,061	417,288	241,012	105,389	13,266	67,315	13,984
March.....	33,813	38,828	36,104	850,725	165,065	61,020	46,082	91,221	487,338	253,915	111,492	13,162	63,359	15,368
April.....	32,944	36,922	32,731	793,092	145,804	62,705	51,304	87,494	445,785	228,246	78,675	12,544	65,818	10,463
May.....	31,323	36,712	30,285	816,697	168,158	55,020	48,247	90,279	454,993	233,957	90,277	14,492	54,098	10,036
June.....	36,695	40,328	34,713	866,225	192,101	58,281	50,342	93,595	471,905	262,346	127,948	16,352	59,984	12,732
July.....	38,294	40,308	26,238	767,782	107,814	57,324	55,475	124,179	462,990	181,143	46,454	13,746	73,850	11,581
August.....	41,116	40,880	30,507	750,233	141,600	56,997	41,500	84,621	425,515	199,080	65,970	12,899	62,012	13,120
September.....	53,143	47,992	34,923	897,735	175,624	60,246	56,099	102,968	502,797	252,815	75,370	18,351	72,426	12,907
October.....	45,018	45,501	35,383	892,934	164,321	65,980	53,168	97,835	511,630	233,644	60,389	17,484	72,004	14,013
November.....														

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	EXPORTS OF UNITED STATES MERCHANDISE ²														
	By principal commodities														
	Nonagricultural products														
	Total	Air- craft, parts, and acces- sories	Auto- mo- biles, parts, and acces- sories ³	Chem- icals and related prod- ucts ⁴	Cop- per and manu- fac- tures ⁵	Iron and steel- mill prod- ucts	Machinery						Petrol- eum and prod- ucts	Text- iles and manu- fac- tures ¹⁰	
							Total ⁶	Agric- ul- tural ⁷	Trac- tors, parts, and acces- sories ⁸	Elec- trical ⁹	Metal working	Other indus- trial ⁹			
Thousands of dollars															
1935 monthly average ..	124,671	1,191	18,941	8,524	4,078	7,367	22,113	2,670	.....	6,341	2,479	7,669	20,927	5,261	
1936 monthly average ..	142,458	1,929	20,018	9,633	4,222	9,322	27,944	3,665	.....	7,613	3,843	9,403	22,045	6,157	
1937 monthly average ..	208,454	3,284	28,907	11,484	7,802	25,007	39,985	6,278	.....	9,381	5,359	14,744	31,511	7,961	
1938 monthly average ..	185,802	5,686	22,536	10,622	7,234	15,354	40,607	6,286	.....	8,511	8,473	14,101	32,518	7,651	
1939 monthly average ..	205,868	9,817	21,144	13,564	8,099	19,640	41,896	5,709	.....	8,771	9,789	14,425	32,089	9,409	
1940 monthly average ..	284,799	25,989	21,193	18,488	9,177	43,000	56,133	6,407	.....	9,726	21,307	16,491	25,845	10,963	
1941 monthly average ..	362,576	52,244	28,223	24,319	3,974	41,758	61,661	7,307	.....	12,197	19,586	20,061	23,721	17,767	
1942 monthly average ..	568,726	¹¹ 113,112	36,071	28,977	6,862	49,292	63,546	5,851	.....	12,574	20,140	23,590	29,177	18,116	
1943 monthly average ..	¹² 897,220	¹¹ 178,551	¹² 22,870	¹³ 39,528	9,060	51,217	¹² 99,490	¹² 8,610	.....	¹² 22,362	¹² 28,872	¹² 38,367	43,064	35,263	
1944 monthly average ..	¹² 1,005,440	¹¹ 235,494	53,129	39,370	8,558	45,897	¹² 123,128	13,884	.....	35,878	22,631	49,245	79,967	41,298	
1945 monthly average ..	610,897	96,988	48,291	34,453	4,601	38,121	99,247	13,613	.....	24,488	12,711	46,128	62,757	39,406	
1946 monthly average ..	530,023	9,608	43,997	41,678	3,216	37,260	114,059	13,197	.....	24,996	13,884	56,408	36,313	60,946	
1947 ¹³															
January.....	811,975	9,762	72,359	58,194	6,184	57,173	166,556	19,555	.....	38,139	19,859	79,155	37,218	100,612	
February.....	833,179	11,810	74,725	55,849	5,005	52,129	163,103	19,283	.....	41,040	14,031	80,153	47,898	110,621	
March.....	996,149	14,345	95,773	70,514	6,631	70,298	191,356	24,665	.....	48,677	17,808	88,718	50,383	146,106	
April.....	1,009,308	13,095	104,664	73,089	5,935	71,762	202,261	28,850	.....	47,456	18,457	95,707	53,938	140,780	
May.....	1,127,949	19,011	114,909	84,191	7,111	79,158	246,220	31,008	.....	55,726	20,903	124,442	59,963	149,283	
June.....	964,457	12,322	90,132	73,104	8,673	70,680	194,512	27,624	.....	48,184	15,201	94,321	59,225	128,401	
July.....	932,900	14,559	89,685	76,915	7,453	66,893	201,272	26,189	.....	49,489	17,495	98,485	63,976	112,368	
August.....	948,112	13,365	101,052	76,604	11,210	67,099	182,422	28,528	.....	42,945	13,769	86,506	57,259	119,704	
September.....	884,622	14,501	91,303	67,286	10,079	66,903	175,690	26,234	.....	42,707	13,219	82,491	53,459	105,207	
October.....	978,158	16,209	98,504	73,958	11,036	75,472	209,506	29,358	.....	51,624	15,760	99,909	55,557	118,671	
November.....	889,594	19,899	83,163	69,666	12,589	72,015	204,413	27,556	.....	48,803	15,654	99,439	51,337	98,890	
December.....	873,472	12,937	86,321	70,294	10,615	75,110	215,334	29,373	.....	47,692	16,615	108,951	51,469	87,007	
Monthly average.....	937,323	14,318	100,216	70,805	8,543	68,724	196,054	26,519	.....	46,874	16,564	94,857	53,473	118,137	
1948															
January.....	791,000	10,586	¹⁴ 76,217	¹⁴ 63,867	¹⁴ 8,388	67,064	¹⁴ 205,894	78,222	20,381	¹⁴ 45,294	13,352	¹⁴ 105,559	47,246	81,522	
February.....	782,790	10,576	71,976	67,190	7,870	61,051	202,515	8,680	19,884	47,898	14,993	98,329	44,168	77,471	
March.....	828,264	13,613	83,197	73,330	6,082	63,713	218,919	9,960	23,028	51,587	15,963	106,524	49,409	74,928	
April.....	833,532	14,791	89,035	71,624	9,472	57,813	223,504	12,233	26,791	53,459	14,438	104,458	58,845	83,124	
May.....	816,062	19,222	74,751	68,939	7,634	51,282	206,203	10,896	22,371	50,761	11,688	99,189	60,374	78,626	
June.....	763,301	14,189	64,998	63,840	8,749	51,323	188,265	11,192	22,875	39,371	11,930	92,044	61,395	67,328	
July.....	729,873	10,591	83,746	64,880	6,300	48,478	175,002	9,697	20,208	35,569	11,477	87,700	67,864	62,125	
August.....	685,761	10,621	69,767	58,633	7,708	45,878	165,286	10,064	18,472	36,103	11,851	80,088	60,916	53,703	
September.....	645,729	11,410	69,227	54,349	4,224	45,714	163,104	8,155	22,270	33,181	12,576	77,283	55,913	55,013	
October.....	720,461	11,098	78,311	64,272	7,272	51,636	190,783	7,771	24,510	40,086	11,795	96,557	50,815	68,395	
November.....	541,075	11,052	47,567	51,311	5,258	36,075	126,923	5,929	19,980	27,069	7,951	59,652	43,332	50,477	
December.....	921,518	16,395	90,166	85,121	5,625	69,433	240,328	11,119	27,262	55,370	19,238	112,663	56,770	91,432	
Monthly average.....	754,947	12,845	74,913	65,613	7,049	54,121	192,227	9,493	22,336	42,979	13,104	93,337	54,754	70,345	
1949															
January.....	767,577	13,555	72,017	64,254	10,260	66,005	209,911	10,697	22,785	41,699	14,864	107,896	55,519	71,562	
February.....	694,479	14,135	70,096	67,534	5,358	59,316	191,056	10,535	26,835	37,338	15,566	91,005	49,340	60,606	
March.....	813,184	15,282	77,597	76,711	7,738	68,424	221,116	12,461	32,015	43,322	17,049	104,135	53,337	65,349	
April.....	820,475	15,094	73,330	74,223	5,719	76,711	232,708	14,010	31,602	44,622	17,484	113,572	54,110	61,525	
May.....	741,257	¹⁵ 8,673	65,032	63,717	7,396	70,439	¹⁵ 206,771	14,785	¹⁵ 25,944	¹⁵ 34,638	15,315	96,119	54,315	55,402	
June.....	776,504	7,449	61,702	64,445	7,832	78,745	224,474	13,041	26,660	36,889	17,109	107,913	47,258	57,964	
July.....	654,674	7,891	¹⁵ 59,613	58,805	4,243	67,772	203,489	11,332	24,391	34,298	19,194	89,070	40,030	45,835	
August.....	631,455	6,914	53,539	58,560	3,539	64,123	181,562	10,108	21,020	35,290	14,836	79,730	48,775	44,085	
September.....	654,576	7,307	56,692	58,263	5,514	67,710	194,182	8,892	24,201	32,022	15,792	91,124	40,465	50,269	
October.....	586,221	15,276	53,876	58,397	3,727	37,681	177,959	7,897	20,700	35,515	16,046	76,582	42,761	49,874	
November.....	574,069	8,048	44,652	62,076	5,052	26,094	170,761	6,838	19,546	31,922	16,238	75,460	35,443	43,887	
December.....	635,812	10,954	42,147	66,678	9,390	48,907	203,073	7,808	23,410	37,697	17,008	90,695	40,497	49,652	
Monthly average.....	695,857	10,881	60,859	64,472	6,314	60,994	201,422	10,700	24,926	37,104	16,375	93,608	46,821	54,667	
1950															
January.....	510,286	11,386	44,874	49,623	4,717	41,467	162,230	6,527	22,580	27,486	13,621	71,198	32,650	33,675	
February.....	514,911	14,653	47,409	52,631	8,130	40,434	160,149	7,923	21,337	31,066	15,741	67,249	37,329	33,128	
March.....	596,810	12,457	49,646	61,565	7,215	39,868	195,080	10,669	24,224	36,961	20,829	81,686	35,451	44,638	
April.....	564,846	7,985	46,817	60,220	6,580	39,148	176,395	10,933	21,926	31,510	17,374	74,565	40,143	44,732	
May.....	582,740	9,150	55,263	60,954	5,525	40,639	174,190	10,759	22,795	29,772	17,037	75,428	41,002	41,742	
June.....	603,879	9,854	69,099	65,210	4,623	47,956	177,522	10,022	19,921	34,501	16,784	77,508	38,677	44,184	
July.....	586,639	3,103	62,927	53,412	4,075	34,189	198,175	9,807	20,411	28,055	15,578	72,041	40,671	32,069	
August.....	551,153	1,781	62,996	57,396	5,293	34,826	160,821	10,859	18,227	26,992	12,857	59,543	38,144	38,982	
September.....	644,919	3,821	62,705	65,713	5,339	38,021	197,501	8,801	16,341	34,558	19,530	76,212	45,665	45,133	
October.....	659,289	2,438	59,169	61,484	5,520	36,353	204,169	5,984	15,272	33,166	19,800	75,241	47,304	51,414	
November.....	703,121	2,672	71,567	70,184	5,884	39,888	220,982	7,388	18,545	38,556	16,325	80,790	48,530	52,344	
December.....	748,419	1,357	70,543	66,713											

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	GENERAL IMPORTS ²												
	Total	By geographic regions						By leading countries					
		Africa	Asia and Oceania ³	Europe ³	North America		South America	Africa		Asia and Oceania			
					Northern	Southern		Egypt	Union of South Africa	Australia, including New Guinea	British Malaya	China	India and Pakistan
Thousands of dollars													
1935 monthly average ..	170,624	3,477	52,585	49,893	24,429	16,784	23,456	743	321	1,221	10,967	5,350	5,165
1936 monthly average ..	201,883	4,282	61,966	59,795	31,776	19,771	24,292	858	493	1,910	14,000	6,186	5,862
1937 monthly average ..	256,972	7,679	86,307	70,277	33,953	23,587	35,169	1,128	1,200	3,637	20,239	8,635	7,995
1938 monthly average ..	163,369	4,556	48,808	47,269	22,292	18,560	21,884	398	1,332	725	9,356	3,932	4,863
1939 monthly average ..	193,173	6,394	60,524	51,430	29,105	19,281	26,439	585	2,393	1,240	12,414	5,153	5,533
1940 monthly average ..	218,782	10,930	84,629	32,513	36,425	21,359	32,925	607	3,945	2,130	22,361	7,750	8,517
1941 monthly average ..	278,750	13,409	103,900	23,396	47,582	34,275	56,191	1,033	5,515	11,601	28,665	7,292	10,959
1942 monthly average ..	229,658	⁴ 16,965	⁴ 47,541	18,137	61,304	31,724	⁴ 53,987	1,509	8,025	16,486	3,952	1,326	8,761
1943 monthly average ..	281,792	⁴ 16,984	⁴ 40,016	⁵ 19,459	⁴ 87,212	⁴ 53,486	⁴ 64,634	846	7,370	17,231	2	998	10,486
1944 monthly average ..	327,405	⁴ 18,526	37,687	23,773	106,660	⁴ 63,154	⁴ 77,606	829	7,408	8,176	(⁶)	927	12,077
1945 monthly average ..	346,595	⁴ 24,751	48,188	33,734	95,835	⁴ 62,745	⁴ 81,342	936	8,658	10,524	477	504	14,427
1946 monthly average ..	411,838	25,526	89,127	66,531	76,374	61,102	93,178	2,004	12,526	12,056	10,757	7,727	19,819
1947													
January.....	532,994	29,205	150,311	76,288	83,176	75,046	118,968	1,068	8,555	14,142	47,246	15,572	27,581
February.....	437,846	21,099	102,054	60,310	75,731	76,871	101,782	1,354	4,795	8,466	24,490	13,203	19,427
March.....	444,541	19,159	98,259	49,695	91,825	93,480	92,123	610	5,672	16,827	15,699	10,299	22,059
April.....	514,431	30,087	101,736	65,580	91,233	112,647	113,148	936	5,297	15,918	18,221	5,955	19,208
May.....	475,037	19,822	120,830	58,483	88,086	86,070	101,747	954	8,207	15,206	43,212	11,917	13,234
June.....	464,111	24,190	101,629	69,534	96,640	93,890	78,228	3,961	5,145	12,058	23,662	13,731	22,904
July.....	451,812	14,804	95,772	71,788	90,618	91,853	86,976	1,032	5,640	7,079	23,955	7,556	29,157
August.....	405,789	24,485	56,852	64,101	88,616	78,673	93,062	2,637	7,153	5,341	14,212	3,033	13,759
September.....	475,153	43,957	78,507	76,724	101,121	70,076	104,768	13,393	15,708	5,781	16,407	5,390	24,811
October.....	493,063	24,313	88,780	78,742	108,579	71,556	121,093	1,835	12,767	3,674	15,789	6,626	21,568
November.....	455,789	26,464	92,985	66,962	94,319	71,141	103,690	106	14,507	9,325	15,804	8,420	18,784
December.....	605,365	49,749	122,598	78,740	121,274	94,359	138,645	195	17,674	11,542	25,416	15,002	21,270
Monthly average.....	479,642	27,278	100,859	68,079	94,268	84,638	104,519	2,340	9,260	10,447	23,676	9,725	21,147
1948													
January.....	546,604	26,518	123,919	79,096	105,834	60,230	151,105	1,797	9,613	4,835	32,017	6,478	22,915
February.....	588,947	45,567	123,252	90,095	101,550	93,771	134,747	2,486	11,869	11,133	20,304	12,324	27,361
March.....	674,555	44,140	140,264	104,348	128,617	115,080	142,107	2,082	12,988	24,395	23,003	10,590	22,512
April.....	531,594	28,664	113,235	82,981	114,602	88,264	103,806	464	9,460	7,287	16,684	7,778	35,569
May.....	553,528	34,482	112,673	87,489	120,244	84,007	113,741	215	12,176	5,589	20,237	9,133	28,457
June.....	624,852	26,811	141,705	97,027	129,447	77,081	152,748	415	9,978	13,242	22,204	10,232	27,472
July.....	563,559	31,923	118,810	87,194	125,863	73,176	126,448	1,577	12,565	13,468	23,848	11,297	22,310
August.....	605,514	38,319	137,456	93,869	136,982	82,074	166,805	10,322	10,901	16,932	20,441	9,933	20,532
September.....	560,243	31,827	97,911	96,358	157,277	66,819	110,059	9,959	10,055	6,538	17,372	8,736	16,733
October.....	600,324	27,744	125,558	105,792	153,664	65,209	122,675	205	13,744	8,914	24,483	10,905	23,567
November.....	554,277	22,540	96,118	83,264	170,648	58,140	125,578	206	11,029	4,999	14,309	9,315	17,125
December.....	719,836	35,177	178,851	113,201	148,803	83,476	160,239	350	10,849	13,171	34,206	13,736	26,976
Monthly average.....	593,653	32,809	125,813	93,394	132,794	78,852	130,005	2,507	11,269	10,875	22,426	10,038	24,294
1949													
January.....	589,721	26,418	124,151	90,111	127,020	77,686	144,335	261	9,558	9,387	17,159	11,839	26,544
February.....	566,662	28,994	124,424	89,378	117,554	91,755	114,557	342	7,563	11,772	13,639	15,757	25,949
March.....	632,580	47,397	128,167	90,515	133,302	108,785	124,413	367	12,693	9,570	25,184	7,999	25,278
April.....	534,279	21,101	128,254	66,806	122,026	86,133	109,959	231	6,295	5,318	25,745	5,973	29,602
May.....	540,632	24,859	126,669	67,237	130,193	81,572	110,101	429	7,286	13,913	13,808	6,501	20,949
June.....	525,996	27,631	106,297	69,184	131,306	81,608	109,969	76	7,097	11,812	9,901	5,805	21,833
July.....	456,451	23,501	94,061	58,256	108,080	68,581	103,972	189	9,339	2,727	10,823	7,749	14,140
August.....	490,732	20,014	101,560	64,319	120,964	68,610	115,266	62	8,119	5,183	17,082	8,856	17,252
September.....	530,444	28,902	97,739	79,106	119,435	68,643	136,620	6,584	9,702	4,647	15,473	6,378	18,658
October.....	557,105	27,098	108,473	79,659	139,386	69,687	132,803	170	12,435	5,154	15,472	9,430	20,545
November.....	592,940	27,198	118,385	89,450	157,533	68,587	131,786	295	13,984	6,587	18,595	13,334	22,693
December.....	604,800	34,405	106,775	81,089	145,326	69,699	167,506	404	12,296	11,638	12,671	6,732	23,122
Monthly average.....	551,862	28,126	113,746	77,092	129,344	78,446	125,107	784	9,697	8,142	16,296	8,863	22,214
1950													
January.....	623,443	26,438	127,661	89,486	127,912	88,956	162,990	3,290	6,540	18,006	19,122	8,655	21,367
February.....	600,468	49,253	115,253	79,573	125,742	89,405	141,242	9,701	9,010	13,111	19,854	6,944	19,238
March.....	664,987	46,664	125,622	98,294	150,189	112,355	131,863	10,645	11,781	7,574	16,485	10,182	26,379
April.....	585,018	28,657	139,713	82,993	132,397	81,706	119,552	593	8,252	11,008	17,588	9,049	26,644
May.....	659,090	37,550	137,845	94,594	167,645	95,844	125,612	262	10,850	13,148	21,771	11,072	20,585
June.....	685,859	36,660	149,525	99,455	178,535	87,653	134,031	202	11,878	7,421	25,516	11,728	22,418
July.....	707,884	33,364	150,435	100,992	163,438	94,499	165,155	304	8,773	8,972	23,932	12,159	22,004
August.....	819,481	39,295	160,086	120,581	160,379	119,593	219,547	5,965	12,225	9,883	30,227	11,746	21,333
September.....	857,864	63,316	167,384	136,150	179,020	97,831	214,162	19,735	15,543	9,593	24,749	14,639	29,883
October.....	922,004	39,318	217,060	162,936	201,005	93,729	207,956	235	16,357	5,546	31,723	19,647	33,022
November.....	851,694	35,332	215,443	166,036	186,366	86,252	162,264	355	11,363	17,099	39,460	13,767	27,691
December.....	864,105	55,917	199,742	156,408	185,695	91,228	175,115	3,268	17,779	18,770	38,230	16,196	20,254
Monthly average.....	736,825	40,980	158,814	115,625	163,194	94,921	163,291	4,546	11,696	11,761	25,721	12,149	24,234

For footnotes giving source of data and description of series, see p. 238.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	GENERAL IMPORTS, BY LEADING COUNTRIES ²												
	Asia and Oceania			Europe					North and South America				
	Japan ³	Indonesia (formerly Netherlands Indies)	Republic of the Philippines	France	Germany ⁴	Italy	Union of Soviet Socialist Republics ⁵	United Kingdom	Canada	Latin-American Republics			
										Total ⁶	Argentina	Brazil	Chile
Thousands of dollars													
1935 monthly average ..	12,742	4,191	8,083	4,842	6,483	3,223	1,484	12,940	23,870	38,416	5,451	8,307	2,008
1936 monthly average ..	14,312	5,817	8,473	5,441	6,640	3,361	1,710	16,699	31,319	41,801	5,490	8,500	2,150
1937 monthly average ..	17,017	9,599	10,505	6,301	7,706	4,014	2,564	16,891	33,192	56,051	11,578	10,053	3,889
1938 monthly average ..	10,564	5,729	7,854	4,501	5,379	3,437	2,003	9,853	21,681	37,746	3,392	8,161	2,356
1939 monthly average ..	13,434	7,748	7,661	5,197	4,371	3,327	2,085	12,451	28,330	43,130	5,159	8,937	3,380
1940 monthly average ..	13,198	14,090	7,473	3,047	451	1,967	1,731	12,921	35,295	51,618	6,942	8,763	5,412
1941 monthly average ..	6,523	20,137	8,537	425	289	17	2,508	11,372	46,127	83,999	13,885	15,324	9,310
1942 monthly average ..	17	7,568	495	65	39	10	2,055	11,186	59,728	78,197	12,488	13,768	11,657
1943 monthly average ..	5	437	7	41	20	13	2,490	8,786	85,359	709,852	12,072	19,042	11,784
1944 monthly average ..	1	171	(8)	34	6	283	4,137	7,040	104,991	7133,528	714,748	724,396	712,802
1945 monthly average ..	11	168	66	1,107	92	434	4,893	7,462	93,744	7132,440	14,058	25,931	11,266
1946 monthly average ..	6,762	3,108	3,326	5,234	263	5,743	8,379	13,178	73,616	148,585	16,198	33,975	7,026
1947													
January.....	8,445	4,545	10,965	6,167	252	5,392	9,006	16,928	79,475	185,908	16,382	51,458	4,747
February.....	3,762	5,295	9,761	3,531	70	3,276	1,047	19,020	74,480	171,125	16,900	37,504	4,931
March.....	775	2,519	17,057	4,502	218	3,314	1,245	11,152	89,939	175,861	8,767	29,367	8,189
April.....	813	5,255	15,876	5,013	531	3,814	6,325	18,098	89,743	216,595	13,294	42,549	11,805
May.....	804	2,584	17,896	3,816	766	2,673	4,466	16,837	85,341	177,406	18,839	26,763	14,120
June.....	1,119	999	14,178	3,287	196	2,961	10,499	19,044	92,647	164,939	15,313	17,010	11,160
July.....	4,739	674	8,503	3,406	365	2,074	10,051	18,624	86,834	170,443	10,691	31,154	10,888
August.....	2,479	2,975	9,055	2,783	688	2,188	2,508	17,128	84,865	164,194	5,817	28,236	11,602
September.....	1,444	1,365	10,038	3,408	484	3,040	13,994	15,702	97,317	168,456	7,239	46,705	9,076
October.....	4,049	3,474	12,595	3,495	635	4,958	7,835	18,424	105,398	184,471	11,453	46,739	11,243
November.....	2,524	1,572	15,130	4,554	971	3,997	5,101	15,468	91,802	165,820	12,732	39,561	10,460
December.....	4,450	2,347	20,672	3,053	1,078	6,071	5,027	18,485	117,260	222,372	17,212	48,623	14,080
Monthly average.....	2,950	2,800	13,477	3,918	521	3,647	6,425	17,076	91,258	180,632	12,886	37,139	10,192
1948													
January.....	2,958	2,974	21,883	4,863	1,208	6,006	5,547	21,863	101,462	201,490	31,669	42,906	12,675
February.....	4,385	4,317	18,912	4,642	2,601	5,754	4,964	21,692	99,893	213,953	17,662	44,165	17,142
March.....	4,635	6,617	23,990	6,489	1,737	8,414	12,258	25,573	126,440	239,449	19,746	40,684	17,863
April.....	4,019	4,444	16,942	4,842	1,356	9,127	6,682	25,505	113,041	178,106	12,535	30,928	15,688
May.....	3,789	2,942	17,832	4,656	1,495	7,210	7,371	23,595	116,176	187,336	11,906	35,912	13,338
June.....	5,671	8,876	25,415	7,470	2,003	7,214	7,400	26,211	125,703	218,108	17,600	52,381	18,004
July.....	6,750	6,965	15,455	6,175	2,791	5,928	5,628	23,646	122,395	188,257	16,104	36,216	15,803
August.....	5,518	10,890	23,538	6,844	2,982	5,854	8,420	23,731	134,002	185,196	15,785	34,899	13,595
September.....	4,083	6,621	13,311	6,402	4,102	7,455	9,788	21,498	153,316	164,996	10,060	37,679	12,209
October.....	7,130	8,583	13,950	7,768	3,606	10,260	5,253	27,051	149,290	177,181	10,352	47,449	12,536
November.....	6,214	8,333	11,546	5,521	3,516	9,049	6,745	19,460	165,928	169,294	6,908	48,393	11,876
December.....	7,482	15,235	25,081	7,343	3,491	11,831	6,592	29,698	145,955	228,936	9,830	62,327	18,327
Monthly average.....	5,219	7,233	18,971	6,085	2,574	7,842	7,221	24,127	129,467	196,025	15,013	42,828	14,921
1949													
January.....	7,144	9,992	14,963	6,601	4,651	7,905	1,613	24,837	121,968	208,662	15,218	47,418	15,084
February.....	9,209	7,260	15,165	5,959	4,994	5,788	3,257	21,350	113,864	195,294	11,111	33,455	18,552
March.....	7,622	8,758	17,029	5,475	6,152	6,398	4,293	22,693	128,538	221,679	3,885	39,281	19,530
April.....	6,347	12,117	15,075	5,397	4,371	4,430	1,318	14,080	101,865	185,062	4,500	41,916	13,528
May.....	5,534	10,833	22,856	3,802	4,603	3,789	4,209	15,229	127,135	181,888	6,790	34,163	18,760
June.....	6,637	11,368	20,442	3,672	2,896	6,326	4,637	14,725	128,035	181,049	7,537	36,943	14,367
July.....	5,527	9,037	21,813	3,708	1,499	5,436	3,565	15,130	106,002	162,105	5,637	33,972	7,648
August.....	5,772	8,970	20,569	5,002	2,837	6,819	2,961	16,117	117,605	174,560	5,044	39,866	11,959
September.....	6,792	10,101	16,166	4,802	2,498	4,415	7,090	20,621	117,233	193,346	6,716	53,775	10,045
October.....	6,339	12,093	15,351	5,003	2,588	7,221	2,759	18,878	137,059	188,544	8,765	48,778	6,519
November.....	8,055	10,628	15,133	6,580	4,048	6,627	1,791	22,708	153,719	187,828	6,039	61,519	7,547
December.....	7,013	9,218	10,175	5,484	4,327	5,789	1,700	21,202	141,106	220,998	16,281	80,747	8,933
Monthly average.....	6,833	10,031	17,061	5,124	3,789	5,912	3,266	18,964	126,011	191,751	8,127	45,986	12,706
1950													
January.....	9,557	8,704	15,204	5,466	4,959	5,121	2,448	18,040	101,279,12	235,550	19,003	55,322	9,928
February.....	9,530	5,598	14,175	6,777	4,260	5,552	4,575	17,689	101,25,742	219,762	18,544	41,885	12,083
March.....	11,932	7,003	16,273	8,092	5,367	9,554	3,446	20,997	101,50,189	227,457	18,335	43,049	10,020
April.....	10,068	10,357	19,362	6,002	6,085	7,334	2,827	18,287	101,32,251	186,559	17,686	43,655	8,713
May.....	17,152	7,085	21,589	6,542	4,897	5,799	3,558	24,090	101,67,500	206,860	15,881	45,073	16,248
June.....	15,580	13,505	20,420	7,701	6,175	7,161	3,017	27,174	101,78,259	207,295	13,840	37,912	16,621
July.....	13,758	10,280	19,393	8,262	6,268	6,590	4,300	26,373	101,63,310	245,564	17,432	64,998	7,977
August.....	16,744	15,485	20,622	12,614	8,528	9,412	2,182	36,380	101,60,342	321,473	18,624	83,679	15,070
September.....	18,582	13,875	21,026	13,888	11,136	10,390	6,420	31,473	101,78,845	297,200	17,211	85,034	14,223
October.....	21,641	21,801	26,043	15,476	15,162	16,579	2,130	39,085	102,00,804	283,301	18,138	82,152	15,613
November.....	19,792	20,321	21,347	19,283	16,152	13,904	1,439	42,580	101,86,356	230,537	17,392	68,733	13,534
December.....	17,617	23,281	19,348	21,176	14,734	11,945	1,899	32,758	101,85,686	245,665	13,977	63,046	19,521
Monthly average.....	15,163	13,108	19,567	10,940	8,644	9,112	3,187	27,910	101,63,100	242,269	17,172	59,545	13,296

For footnotes giving source of data and description of series, see p. 238.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	GENERAL IMPORTS, BY LEADING COUNTRIES ²				IMPORTS FOR CONSUMPTION								
	South America				Total ³	By economic classes ³					By principal commodities ⁴		
	Latin-American Republics					Crude materials	Crude food-stuffs	Manufactured food-stuffs and beverages	Semi-manufactures	Finished manufactures	Agricultural products		
	Colombia	Cuba	Mexico	Venezuela							Total ⁵	Coffee	Hides and skins
Thousands of dollars													
1935 monthly average ..	4,204	8,602	3,539	1,786	169,909	48,537	26,861	26,569	34,141	33,801	89,385	11,405	3,798
1936 monthly average ..	3,590	10,623	4,078	2,188	201,998	61,080	29,057	32,187	40,853	38,821	103,584	11,164	4,564
1937 monthly average ..	4,362	12,337	5,010	1,898	250,821	80,922	34,443	36,671	52,848	45,938	131,610	12,548	5,922
1938 monthly average ..	4,117	8,808	4,086	1,669	162,469	48,037	21,676	25,878	32,080	34,796	79,627	11,485	2,490
1939 monthly average ..	4,082	8,744	4,689	1,968	189,675	62,072	24,237	26,111	40,564	36,691	93,149	11,629	3,921
1940 monthly average ..	3,967	8,785	6,315	3,466	211,721	84,237	23,755	23,120	46,550	34,058	107,108	10,564	4,182
1941 monthly average ..	4,403	15,088	8,204	4,116	268,496	114,703	31,348	26,838	60,352	35,254	139,030	14,782	6,953
1942 monthly average ..	6,486	13,420	10,328	1,682	231,693	88,393	29,048	22,876	53,292	38,085	106,052	17,113	6,487
1943 monthly average ..	8,202	24,320	16,019	2,151	282,508	86,449	48,686	35,096	56,459	55,819	126,146	22,785	5,524
1944 monthly average ..	8,727	32,249	17,028	4,530	323,958	89,848	70,112	43,415	58,853	61,790	151,599	27,172	5,118
1945 monthly average ..	6,573	28,132	19,267	7,085	341,508	98,590	57,770	38,470	77,358	69,321	142,465	28,829	4,163
1946 monthly average ..	13,047	27,035	19,368	9,963	402,075	144,089	67,667	41,996	77,550	70,573	191,459	39,365	6,456
1947													
January.....	18,176	27,553	25,059	14,201	537,698	210,058	112,207	38,052	96,078	81,303	306,385	62,896	8,642
February.....	18,351	34,089	21,294	13,711	426,374	129,880	86,039	44,986	91,154	74,316	227,760	56,849	6,338
March.....	20,259	42,801	23,395	17,072	434,669	123,568	90,237	51,274	93,927	75,664	230,292	54,206	5,684
April.....	18,515	61,238	22,219	13,733	486,954	136,706	109,750	67,691	95,725	77,080	268,591	66,599	5,977
May.....	14,477	44,586	17,466	13,134	456,878	161,165	61,186	53,961	103,814	76,752	233,131	32,020	7,271
June.....	12,785	50,848	21,582	12,764	470,707	160,503	55,655	60,257	112,433	81,859	222,705	25,104	6,934
July.....	9,917	53,706	18,309	13,289	446,682	135,577	55,211	62,883	103,243	89,767	192,100	31,727	8,993
August.....	13,759	45,133	16,749	14,016	410,197	118,490	60,586	55,678	102,611	72,832	168,499	34,856	4,428
September.....	14,694	32,449	21,778	15,657	475,121	145,036	85,483	49,993	103,694	90,915	201,065	57,172	4,367
October.....	23,320	37,626	19,273	14,596	506,357	151,049	91,603	58,237	110,248	95,221	227,087	59,827	6,152
November.....	17,615	36,887	15,732	12,854	449,685	135,139	83,069	51,820	100,445	79,211	204,691	49,349	8,696
December.....	23,761	42,708	23,832	18,464	565,000	158,990	125,748	60,865	131,536	87,861	271,863	70,712	12,357
Monthly average.....	17,136	42,469	20,557	14,458	472,193	147,180	84,731	54,641	103,742	81,898	229,514	50,110	7,153
1948													
January.....	27,794	12,098	19,573	18,625	557,570	198,691	108,034	34,899	121,342	94,602	272,066	68,656	20,793
February.....	18,135	34,681	25,320	19,986	580,706	180,000	115,914	55,922	133,725	95,145	277,340	62,324	12,592
March.....	17,442	47,168	27,215	26,880	646,847	198,681	121,995	70,649	140,865	114,657	310,657	63,435	10,567
April.....	8,694	33,763	24,244	23,464	529,156	155,056	85,425	56,056	121,452	111,167	224,721	39,671	8,110
May.....	14,182	38,990	17,533	22,735	547,731	154,947	95,101	63,255	129,807	104,620	237,018	52,703	6,973
June.....	20,053	31,083	17,053	25,693	605,175	196,493	108,830	61,122	133,112	107,617	267,898	67,489	8,694
July.....	21,145	29,804	18,678	19,863	568,213	174,377	89,043	57,213	138,290	109,291	238,770	50,357	10,040
August.....	18,755	42,551	17,458	20,626	595,853	183,406	88,711	74,839	141,577	107,320	258,127	47,461	6,449
September.....	18,762	32,787	16,617	21,340	590,011	185,182	93,227	67,067	138,901	105,635	261,075	46,645	6,878
October.....	19,973	29,492	17,404	21,498	605,221	167,984	106,009	72,852	139,904	118,471	256,394	55,310	5,050
November.....	22,840	15,965	19,970	25,105	561,414	150,674	116,158	53,429	127,894	113,258	232,415	60,865	5,064
December.....	28,699	26,630	25,232	24,946	704,140	201,472	145,163	63,863	166,253	127,388	313,896	85,764	6,331
Monthly average.....	19,706	31,251	20,525	22,563	591,003	178,914	105,968	60,931	136,094	109,098	262,532	58,140	8,980
1949													
January.....	21,749	25,067	23,749	24,566	578,389	181,024	109,622	50,244	127,978	109,520	251,865	71,555	5,646
February.....	16,237	37,415	24,661	20,820	554,679	158,033	99,468	58,088	130,179	108,910	238,294	57,430	4,780
March.....	21,917	47,949	25,963	20,755	624,015	164,099	131,165	73,266	137,970	117,514	275,149	73,671	5,468
April.....	16,198	36,516	21,725	22,628	526,892	145,690	109,933	60,926	110,737	99,606	227,066	58,906	5,439
May.....	14,168	37,423	19,920	23,114	533,636	154,128	90,191	68,997	114,359	105,961	216,116	48,995	7,051
June.....	18,324	35,080	23,761	21,022	529,464	149,220	102,098	68,123	110,565	99,458	233,315	56,038	6,173
July.....	22,609	30,363	13,356	23,620	458,964	126,154	92,462	65,160	85,030	90,157	205,068	58,542	6,166
August.....	21,844	33,349	15,081	21,680	513,061	137,830	91,747	69,231	114,428	89,825	225,304	55,294	7,011
September.....	20,604	32,670	15,680	23,357	528,850	159,945	103,238	59,527	106,211	99,930	239,518	65,984	6,655
October.....	23,754	32,014	16,689	27,004	560,157	160,559	110,521	64,793	119,497	104,788	240,335	65,812	6,045
November.....	22,729	27,610	19,437	22,231	591,762	154,555	139,808	60,970	130,114	106,314	270,298	77,590	5,627
December.....	21,345	12,583	23,478	27,265	591,771	162,475	152,626	41,445	131,320	103,906	271,998	105,315	6,470
Monthly average.....	20,123	32,295	20,292	23,172	549,303	154,476	111,073	61,731	118,199	103,824	241,196	66,261	6,044
1950													
January.....	30,004	18,952	27,261	32,061	622,917	183,493	154,409	46,871	138,896	99,248	292,931	104,945	7,539
February.....	28,650	30,808	22,517	21,868	590,347	168,840	139,890	58,017	131,365	92,235	295,267	84,607	7,175
March.....	18,736	48,248	23,708	28,471	659,835	183,499	128,576	80,188	147,009	120,563	306,008	73,088	7,973
April.....	15,663	29,650	21,277	26,950	573,441	163,326	109,526	61,793	130,613	108,184	262,740	64,061	7,653
May.....	13,301	36,611	26,577	23,265	653,955	167,599	117,240	75,971	169,031	124,114	278,891	58,783	8,506
June.....	15,587	29,078	25,337	26,959	679,365	184,242	119,916	75,144	180,499	119,565	289,210	56,374	12,026
July.....	26,091	34,124	22,251	26,882	701,378	184,216	154,611	83,114	162,642	116,796	331,731	105,153	11,664
August.....	42,650	54,253	26,502	29,824	817,771	222,891	181,499	103,782	184,146	125,453	410,125	130,836	12,481
September.....	40,474	42,976	28,716	26,783	824,319	224,467	179,484	88,151	196,600	135,617	393,070	128,376	10,598
October.....	38,642	38,238	27,247	28,972	913,535	255,478	172,039	87,431	239,423	159,164	405,193	112,567	12,968
November.....	22,675	24,143	31,216	25,078	841,014	254,801	142,245	73,251	214,670	156,048	363,730	88,085	11,418
December.....	20,605	18,506	35,124	24,905	856,668	269,943	148,150	63,637	228,064	146,875	356,298	84,083	8,444
Monthly average.....	26,090	33,799	26,478	26,835	727,879	205,233	145,632	74,779	176,913	125,322	332,100	90,913	9,871

For footnotes giving source of data and description of series, see pp. 238, 239.

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—FOREIGN TRADE¹—Continued

YEAR AND MONTH	IMPORTS FOR CONSUMPTION											
	By principal commodities ²											
	Agricultural products					Nonagricultural products						
	Rubber, crude, including guayule	Silk, unmanufactured	Sugar	Wool and mohair, unmanufactured	Total ³	Furs and manufactures	Nonferrous ores, metals, and manufactures ⁴			Paper base stocks	Newsprint	Petroleum and products
							Total ³	Copper, including ore and manufactures	Tin, including ore ⁵			
Thousands of dollars												
1935 monthly average ..	9,931	8,057	11,125	2,494	80,524	4,430	11,146	2,766	5,827	6,837	6,255	3,158
1936 monthly average ..	13,252	8,680	13,165	4,439	98,414	6,801	12,249	2,490	6,296	8,243	8,060	3,381
1937 monthly average ..	20,669	9,040	13,859	8,029	119,211	7,181	17,432	4,380	8,702	9,821	10,211	3,716
1938 monthly average ..	10,848	7,438	10,868	1,884	82,842	3,820	9,341	3,156	3,738	7,197	8,455	3,288
1939 monthly average ..	14,876	10,159	10,387	4,136	96,526	4,623	14,296	3,686	5,917	7,369	9,643	3,628
1940 monthly average ..	26,539	10,494	9,438	7,050	104,613	6,651	23,261	6,124	10,915	6,285	10,388	5,842
1941 monthly average ..	34,917	5,238	12,780	17,074	129,466	9,082	36,840	11,816	14,770	7,022	11,177	6,871
1942 monthly average ..	9,972	14	9,041	25,945	125,641	5,769	33,992	13,776	5,147	7,769	10,866	3,076
1943 monthly average ..	3,026	1	15,316	24,647	156,344	7,561	32,731	13,043	3,170	7,956	11,022	7,102
1944 monthly average ..	6,613	2	17,693	15,520	172,358	10,491	32,758	13,790	4,749	7,680	11,270	9,446
1945 monthly average ..	8,741	171	16,796	20,108	199,044	12,012	41,631	16,223	4,501	11,707	12,568	12,663
1946 monthly average ..	19,638	8,549	16,415	24,117	210,616	19,865	23,803	7,199	5,765	13,794	20,087	13,281
1947												
January.....	48,590	5,943	18,122	22,665	231,313	14,796	31,991	7,443	5,896	18,398	23,763	19,379
February.....	32,325	2,864	26,912	17,697	198,614	4,434	28,732	8,625	2,653	18,261	21,004	18,429
March.....	19,992	1,109	34,861	22,586	204,377	6,648	25,474	9,026	9	16,089	25,987	21,620
April.....	23,925	43	50,780	21,338	218,363	7,085	32,401	8,074	4,764	17,426	27,092	20,337
May.....	47,837	57	34,311	20,893	223,747	9,187	36,834	16,571	1,899	20,855	28,667	21,679
June.....	30,261	6	42,595	17,762	248,002	14,486	45,283	21,818	2,357	30,180	30,423	18,543
July.....	23,266	3,267	42,811	15,529	254,582	11,947	42,967	15,626	9,557	30,774	30,988	20,475
August.....	17,173	701	37,386	12,317	241,698	5,576	50,589	17,369	14,681	36,557	27,747	19,284
September.....	14,908	139	26,632	15,024	274,056	18,756	47,147	16,847	15,938	25,191	32,601	19,708
October.....	16,190	555	29,559	16,323	279,270	11,566	42,330	18,229	8,970	27,068	31,933	20,191
November.....	18,006	276	28,178	15,701	244,994	9,408	36,856	15,110	6,102	25,396	28,319	21,899
December.....	25,739	1,098	38,368	11,107	293,137	12,001	54,159	21,091	12,436	27,361	34,721	28,655
Monthly average.....	26,519	1,340	34,210	17,412	242,679	10,491	39,564	14,652	7,105	24,463	28,604	20,867
1948												
January.....	31,340	143	6,090	39,259	285,504	16,765	40,105	12,425	10,995	25,300	29,375	29,201
February.....	22,459	276	30,796	30,597	303,366	18,381	49,588	19,129	8,145	30,978	27,483	30,368
March.....	29,648	1,863	40,808	34,803	336,189	11,996	53,068	19,006	11,204	29,003	37,367	37,280
April.....	16,405	828	25,547	24,612	304,435	9,600	46,593	15,376	10,301	22,347	32,801	32,544
May.....	16,325	982	30,254	20,269	310,713	15,276	50,637	13,499	14,877	28,967	34,477	30,205
June.....	26,688	2,174	22,115	29,007	337,277	14,503	60,111	19,399	22,630	32,296	34,843	34,612
July.....	27,233	3,316	22,470	25,142	329,443	10,250	57,687	19,224	13,129	29,563	33,093	32,799
August.....	28,365	906	42,142	26,948	337,726	17,208	62,272	15,895	18,186	27,271	37,396	33,268
September.....	22,294	1,034	30,934	22,156	328,937	16,614	57,153	14,271	13,584	23,612	33,172	35,593
October.....	27,740	1,745	27,448	19,893	348,827	12,771	66,956	16,126	16,375	22,857	34,587	34,433
November.....	22,758	1,091	13,452	16,456	328,999	9,252	59,119	15,888	11,361	20,974	39,609	41,457
December.....	37,862	1,543	21,003	18,531	390,243	11,932	88,014	22,804	24,706	22,562	39,081	43,908
Monthly average.....	25,760	1,325	26,088	25,639	328,472	13,712	57,609	16,920	14,624	26,311	34,440	34,639
1949												
January.....	27,669	2,517	19,842	21,307	326,523	6,764	74,558	23,313	9,591	17,869	35,442	44,004
February.....	22,575	3,129	32,676	21,820	316,384	7,012	66,571	26,120	11,007	20,450	34,210	36,820
March.....	21,698	1,006	44,628	16,428	348,866	11,457	86,959	28,967	26,683	17,948	37,404	35,875
April.....	19,387	34	35,292	10,813	299,826	9,127	73,767	21,582	28,383	12,427	34,200	38,244
May.....	19,933	42	39,730	10,629	317,520	11,936	72,041	20,558	17,518	17,838	39,195	36,855
June.....	19,198	86	38,186	15,605	296,149	8,100	66,374	17,763	13,495	17,619	37,261	37,473
July.....	16,649	23	36,525	11,671	253,896	9,268	39,486	11,007	11,685	14,255	35,942	36,630
August.....	17,171	45	37,683	20,734	287,757	8,303	59,252	15,196	18,892	16,495	38,192	35,417
September.....	15,165	71	27,741	22,553	289,332	10,864	51,010	13,179	21,370	13,677	33,636	38,321
October.....	15,892	156	29,276	22,472	319,822	13,651	59,711	13,024	26,707	19,132	37,487	46,204
November.....	22,345	115	23,761	22,138	321,464	4,526	56,385	14,377	17,850	24,306	35,735	43,455
December.....	22,631	301	6,827	26,053	319,773	7,828	53,637	19,151	8,702	20,868	38,921	48,489
Monthly average.....	20,026	627	31,012	18,519	308,110	9,070	63,313	18,686	17,657	17,741	36,469	39,816
1950												
January.....	19,837	1,238	16,182	37,061	329,986	11,368	63,457	19,305	17,360	22,623	34,567	54,332
February.....	19,218	1,270	27,614	35,072	295,079	6,599	59,860	20,025	15,502	19,748	31,708	38,230
March.....	22,947	1,192	43,344	31,863	353,827	9,318	53,961	14,825	10,571	21,713	35,846	51,417
April.....	29,598	1,588	30,393	27,925	310,702	5,792	44,835	11,789	7,924	15,898	33,703	48,292
May.....	23,786	1,215	37,067	31,055	375,064	8,030	71,606	23,283	17,456	21,438	44,927	45,295
June.....	33,853	1,422	31,109	31,044	390,155	5,300	80,180	32,771	14,911	23,945	40,544	47,299
July.....	29,994	1,706	34,213	39,247	369,648	8,308	63,981	12,779	21,230	20,830	38,410	45,413
August.....	39,824	1,249	53,309	46,864	407,646	6,281	76,417	14,598	24,016	21,577	34,066	50,255
September.....	41,109	2,571	40,156	36,757	431,249	13,689	68,044	16,649	17,413	23,073	38,933	47,790
October.....	58,922	3,159	35,033	33,394	508,343	14,279	88,887	29,633	19,788	26,335	42,000	55,338
November.....	62,370	2,521	17,494	38,936	477,284	9,313	79,044	19,744	15,243	27,974	37,142	50,736
December.....	71,309	2,020	14,564	38,250	500,370	11,032	104,726	28,118	19,158	27,808	41,058	53,950
Monthly average.....	38,231	1,763	31,707	35,622	395,779	9,109	71,251	20,293	16,714	22,747	37,742	49,029

For footnotes giving source of data and description of series, see p. 239.

TRANSPORTATION AND COMMUNICATIONS—AIRLINES, EXPRESS OPERATIONS, LOCAL TRANSIT LINES, AND FREIGHT CARLOADINGS

YEAR AND MONTH	AIRLINES ¹						EXPRESS OPERATIONS ²		LOCAL TRANSIT LINES ³				CLASS I STEAM RAILWAYS			
	Operations on scheduled airlines						Operating revenues	Operating income	Fares, average cash rate	Revenue passengers carried	Operating revenues	Freight carloadings ⁵				
	Miles flown, revenue	Express and freight carried	Express and freight ton-miles flown	Mail ton-miles flown ²	Revenue passengers carried	Revenue passenger-miles flown						Total	Coal	Coke	Forest products	
	Thousands	Short tons	Thousands				Thousands of dollars	Cents	Millions	Thous. of dollars	Thousands of cars					
1935 monthly average ..	4,615	159	91	344	55	23,281	7,623	138	8.1256	815	56,783	2,625	512	28	115	
1936 monthly average ..	5,315	290	155	478	76	32,354	8,545	123	8.0352	876	60,658	3,009	578	40	140	
1937 monthly average ..	5,506	297	180	558	80	33,941	9,135	131	7.8568	870	61,125	3,139	581	42	152	
1938 monthly average ..	5,806	306	181	619	98	39,700	9,173	200	7.7579	832	58,400	2,538	462	23	118	
1939 monthly average ..	6,881	396	225	715	143	56,473	9,331	69	7.7415	854	60,058	2,826	507	34	132	
1940 monthly average ..	9,067	521	289	836	227	86,764	9,996	76	7.7058	875	61,417	3,030	568	46	150	
1941 monthly average ..	11,085	800	437	1,075	314	114,132	11,272	92	7.6722	942	66,695	3,529	634	57	182	
1942 monthly average ..	9,175	1,665	974	1,756	279	116,504	12,942	88	7.6669	1,208	86,667	3,564	696	61	204	
1943 monthly average ..	8,633	2,398	1,260	2,994	279	133,843	17,295	72	7.6818	1,493	107,833	3,517	709	63	186	
1944 monthly average ..	11,853	2,750	1,425	4,244	381	185,798	21,228	98	7.6822	1,561	113,525	3,617	741	63	189	
1945 monthly average ..	17,141	3,463	1,807	5,417	531	278,023	23,702	59	7.6689	1,582	115,000	3,493	691	58	170	
1946 monthly average ..	25,379	5,919	3,174	2,739	991	491,926	27,186	73	7.7843	1,593	116,400	3,445	667	49	189	
1947																
January.....	22,502	6,001	3,602	2,655	727	376,339	25,838	55	7.8929	1,609	118,900	3,168	759	56	167	
February.....	22,512	6,307	3,827	2,632	742	368,017	25,355	79	7.9173	1,469	108,200	3,179	736	58	195	
March.....	25,464	8,724	5,116	2,833	975	488,019	25,645	61	7.9221	1,595	115,600	4,170	917	73	250	
April.....	25,318	8,618	4,788	2,767	1,079	519,516	25,112	50	7.9343	1,575	117,800	3,233	547	53	183	
May.....	26,994	7,805	4,415	2,781	1,151	556,590	25,082	64	7.9611	1,591	119,800	3,546	746	58	190	
June.....	26,866	7,861	4,295	2,639	1,065	538,377	24,398	47	7.9830	1,464	112,200	4,374	884	68	231	
July.....	28,572	7,635	4,233	2,564	1,100	533,706	24,429	452	8.0073	1,451	112,200	3,276	495	49	178	
August.....	28,883	8,487	4,749	2,483	1,253	600,262	24,406	47	8.0195	1,429	113,100	3,634	706	56	197	
September.....	27,515	9,975	5,837	2,468	1,235	601,002	26,668	17	8.1046	1,472	110,700	4,526	893	68	241	
October.....	28,373	14,207	8,203	2,791	1,195	571,245	26,183	63	8.1338	1,570	119,300	3,808	758	60	191	
November.....	24,280	11,575	6,690	2,578	904	429,002	27,790	119	8.2141	1,478	115,400	3,632	761	59	181	
December.....	24,599	14,112	7,993	3,688	853	434,182	32,075	75	8.2555	1,584	127,600	3,957	887	75	209	
Monthly average.....	25,990	9,276	5,312	2,740	1,023	501,355	26,082	52	8.0288	1,524	115,900	3,709	757	61	201	
1948																
January.....	23,624	11,701	6,850	2,737	752	395,227	26,575	73	8.3285	1,533	119,500	3,137	747	60	170	
February.....	20,978	10,582	6,199	2,618	694	351,489	25,910	78	8.4234	1,435	111,100	3,077	731	60	167	
March.....	24,849	12,793	7,817	3,045	881	433,095	26,355	5	8.4866	1,578	121,800	3,612	559	63	225	
April.....	25,710	12,424	7,446	2,819	1,015	475,564	25,318	131	8.5572	1,488	119,900	3,211	564	43	174	
May.....	27,176	13,346	8,406	2,923	1,131	529,375	21,877	1	8.6034	1,484	120,600	3,511	789	58	179	
June.....	28,050	13,069	8,097	2,868	1,187	576,475	23,632	25	8.6667	1,434	118,600	4,280	853	70	237	
July.....	29,444	11,998	7,296	2,764	1,181	547,392	23,180	20	8.9221	1,353	124,300	3,424	730	55	198	
August.....	29,427	13,310	7,935	2,890	1,206	554,026	22,712	412	8.9830	1,339	125,100	3,562	747	60	212	
September.....	27,689	15,952	9,540	3,066	1,176	536,907	24,106	424	9.0243	1,366	122,100	4,412	871	73	244	
October.....	27,718	16,575	10,028	3,321	1,159	523,370	23,210	9	9.0925	1,436	131,300	3,663	710	61	196	
November.....	25,361	14,973	9,509	3,360	966	442,190	23,373	12	9.1387	1,389	130,600	3,297	642	61	169	
December.....	26,250	17,636	11,085	5,098	978	475,091	28,585	61	9.1922	1,475	143,700	3,535	745	74	179	
Monthly average.....	26,356	13,697	8,351	3,126	1,027	486,684	24,569	32	8.7849	1,443	124,100	3,560	724	62	196	
1949																
January.....	23,137	12,176	7,859	3,292	821	419,628	23,105	28	9.2506	1,382	128,300	2,845	632	63	145	
February.....	23,144	11,819	7,598	3,207	868	421,729	22,027	20	9.2701	1,258	117,000	2,767	607	63	131	
March.....	26,852	15,871	10,763	3,633	1,092	520,960	20,235	42	9.2920	1,406	129,600	3,345	498	70	180	
April.....	26,884	16,489	10,991	3,554	1,226	563,013	19,992	44	9.3309	1,344	130,000	3,079	634	59	148	
May.....	28,257	14,766	8,921	3,320	1,311	592,712	21,810	19	9.4039	1,318	127,300	3,099	633	54	159	
June.....	28,089	14,350	8,977	3,233	1,389	659,605	20,877	1	9.4258	1,255	121,600	3,603	560	57	191	
July.....	29,257	13,082	8,177	2,915	1,342	621,449	19,736	425	9.5061	1,156	116,100	2,762	393	35	139	
August.....	29,370	15,734	10,177	3,116	1,326	607,332	19,324	446	9.5693	1,180	121,300	2,923	459	38	164	
September.....	28,084	18,161	11,381	3,094	1,339	616,559	20,487	51	9.5985	1,206	116,500	3,391	410	48	193	
October.....	28,116	19,014	11,791	3,248	1,286	593,402	19,808	41	9.6399	1,252	124,700	2,339	205	16	162	
November.....	26,037	18,709	11,425	3,310	1,080	490,167	20,077	18	9.6764	1,214	123,800	2,638	559	26	160	
December.....	26,014	22,007	13,460	4,952	941	464,170	23,190	19	9.7324	1,280	134,700	3,121	626	59	180	
Monthly average.....	26,937	16,015	10,127	3,406	1,168	547,561	20,889	18	9.4747	1,271	124,200	2,993	518	49	163	
1950																
January.....	24,946	15,784	9,714	3,302	914	468,709	19,566	54	9.9051	1,224	121,100	2,393	435	48	126	
February.....	23,696	14,529	9,276	3,217	942	466,757	18,655	56	9.9051	1,124	114,000	2,288	259	42	140	
March.....	26,001	17,329	11,443	3,685	1,109	552,098	19,372	68	9.9294	1,255	123,700	3,446	787	56	191	
April.....	27,206	18,121	11,166	3,493	1,289	617,914	18,304	42	9.9562	1,179	121,300	2,875	614	56	159	
May.....	28,868	19,347	12,418	3,741	1,419	665,511	18,501	67	10.0268	1,214	124,400	2,980	572	56	171	
June.....	28,591	20,717	12,367	3,498	1,539	762,097	18,174	45	10.0681	1,140	117,400	3,905	705	73	227	
July.....	28,860	18,134	11,654	3,252	1,459	723,803	17,226	223	9.9708	1,048	113,000	3,018	469	58	176	
August.....	28,778	21,776	13,707	3,775	1,562	749,845	17,647	178	10.0341	1,099	121,600	3,374	617	59	202	
September.....	27,564	22,540	13,672	3,762	1,490	719,494	17,697	176	10.0608	1,094	114,300	4,220	787	75	239	
October.....	28,552	25,489	15,171	4,245	1,563	735,180	17,318	189	10.0827	1,177	125,800	3,531	657	64	191	
November.....	26,067	22,780	13,918	4,112	1,326	620,156	18,312	194	10.1630	1,116	123,100	3,240	599	63	182	
December.....	27,926	25,014	14,892	6,232	1,365	684,444	21,890	195	10.1995	1,183	137,200	3,629	742	75	218	
Monthly average.....	27,254	20,130	12,450	3,860	1,332	647,167	18,555	120	10.0251	1,154	121,400	3,242	603	61	185	

For footnotes giving source of data and description of series, see pp. 239, 240.

TRANSPORTATION AND COMMUNICATIONS—FREIGHT CARLOADINGS—Continued

YEAR AND MONTH	CLASS I STEAM RAILWAYS																
	Freight carloadings ¹					Indexes of freight carloadings ²											
						Unadjusted for seasonal variation										Adjusted for seasonal variation	
	Grain and grain products	Live-stock	Ore	Merchandise, less than carlot	Miscellaneous	Total	Coal	Coke	Forest products	Grain and grain products	Live-stock	Ore	Merchandise, less than carlot	Miscellaneous	Total	Coal	Coke
	Thousands of cars					1935-39 = 100											
1935 monthly average ..	131	60	86	673	1,019	92	97	85	88	87	99	71	100	90	.....	.....	.....
1936 monthly average ..	150	63	135	690	1,212	107	109	120	107	100	106	111	103	108	.....	.....	.....
1937 monthly average ..	149	60	184	705	1,264	111	109	126	116	99	101	151	105	112	.....	.....	.....
1938 monthly average ..	164	59	70	640	1,002	89	87	68	90	108	92	58	95	89	.....	.....	.....
1939 monthly average ..	162	58	135	653	1,146	101	98	102	100	107	96	110	97	101	.....	.....	.....
1940 monthly average ..	153	57	179	640	1,237	109	111	137	114	101	96	147	96	110	.....	.....	.....
1941 monthly average ..	169	54	224	670	1,540	130	123	168	139	112	91	183	100	136	.....	.....	.....
1942 monthly average ..	182	62	251	461	1,646	138	135	181	155	120	104	206	69	146	.....	.....	.....
1943 monthly average ..	221	70	235	423	1,631	137	138	186	141	146	117	192	63	145	.....	.....	.....
1944 monthly average ..	210	74	221	452	1,667	140	143	185	143	139	124	180	67	147	.....	.....	.....
1945 monthly average ..	228	74	206	461	1,605	135	134	172	129	151	125	169	69	142	.....	.....	.....
1946 monthly average ..	208	77	166	527	1,562	132	130	146	143	138	129	136	78	139	.....	.....	.....
1947																	
January.....	216	68	48	444	1,410	138	163	184	147	157	118	44	74	139	150	163	175
February.....	202	49	49	460	1,431	133	149	182	159	144	88	43	74	136	142	149	171
March.....	265	67	69	621	1,909	137	147	182	159	146	95	50	79	143	146	147	180
April.....	191	54	164	505	1,535	134	119	169	148	133	98	157	80	145	137	119	173
May.....	173	55	288	487	1,548	144	155	183	154	121	94	267	76	146	142	155	185
June.....	240	60	404	569	1,916	142	141	170	151	143	87	286	73	146	137	141	174
July.....	274	46	343	429	1,462	140	115	165	153	201	87	311	71	145	135	115	170
August.....	260	49	326	458	1,582	148	146	177	160	175	87	284	73	150	143	146	184
September.....	267	87	381	586	2,003	153	153	178	161	153	139	272	77	157	142	153	180
October.....	216	91	274	491	1,728	156	156	188	155	152	161	235	78	163	145	156	192
November.....	201	79	203	485	1,662	150	160	195	147	142	133	163	77	158	147	160	195
December.....	221	64	101	536	1,863	139	155	201	141	130	92	59	71	147	149	155	191
Monthly average.....	227	64	221	506	1,671	143	147	182	153	150	107	181	75	148	.....	.....	.....
1948																	
January.....	187	46	44	414	1,469	133	155	193	137	131	81	39	65	139	144	155	183
February.....	144	34	49	435	1,457	129	151	189	135	101	61	43	69	137	138	151	178
March.....	180	44	72	576	1,893	122	98	164	146	100	62	50	73	143	130	98	162
April.....	153	55	260	445	1,515	128	105	134	141	108	94	206	71	143	130	105	137
May.....	161	48	309	434	1,532	143	163	184	145	114	86	272	69	144	142	163	186
June.....	261	50	409	514	1,886	144	153	184	156	147	75	291	66	145	139	153	188
July.....	261	36	318	383	1,443	143	144	178	165	189	66	291	64	142	138	144	183
August.....	223	43	306	421	1,551	146	153	188	171	156	76	268	67	147	142	153	196
September.....	244	76	368	533	2,002	150	149	191	164	142	113	268	70	156	139	149	193
October.....	215	81	267	446	1,687	151	146	191	158	150	143	235	71	159	140	146	195
November.....	207	62	217	412	1,527	141	138	199	141	152	114	191	68	150	137	138	199
December.....	230	55	82	444	1,725	128	131	202	123	138	82	58	60	139	137	131	192
Monthly average.....	206	53	225	455	1,641	138	141	184	149	136	88	184	68	146	.....	.....	.....
1949																	
January.....	179	43	50	360	1,372	120	130	198	116	125	76	44	57	129	131	130	189
February.....	156	34	52	369	1,356	117	124	198	107	111	60	46	58	128	126	124	187
March.....	226	43	105	480	1,743	111	79	175	117	128	61	68	61	131	120	79	174
April.....	174	39	266	378	1,381	125	129	184	119	121	68	228	60	130	127	129	188
May.....	188	37	303	374	1,350	125	130	171	123	132	66	267	59	127	124	130	173
June.....	279	38	396	445	1,637	119	98	147	127	159	54	282	57	126	114	98	150
July.....	290	33	311	329	1,233	115	79	115	117	212	60	284	55	121	110	79	118
August.....	216	41	277	364	1,365	120	103	119	131	149	73	240	57	128	117	103	123
September.....	240	69	299	416	1,714	114	60	128	130	140	104	218	55	135	105	60	130
October.....	217	75	33	353	1,277	99	42	53	131	153	131	35	56	121	92	42	54
November.....	206	52	52	334	1,250	120	131	96	135	149	96	51	55	124	117	131	96
December.....	214	48	66	385	1,542	107	97	155	119	123	69	45	50	120	115	97	148
Monthly average.....	215	46	184	382	1,435	116	100	145	123	142	77	151	57	127	.....	.....	.....
1950																	
January.....	162	37	46	298	1,241	107	96	158	106	119	68	42	49	122	117	96	151
February.....	157	29	46	320	1,297	96	46	130	115	111	52	39	51	122	104	46	122
March.....	206	37	55	424	1,688	120	139	144	123	116	53	39	54	127	139	143	143
April.....	164	34	72	341	1,434	122	123	177	129	115	61	63	54	135	126	123	181
May.....	159	34	239	325	1,424	125	119	179	139	112	59	217	51	135	122	119	181
June.....	229	36	388	400	1,846	131	116	188	150	133	51	277	52	142	127	116	192
July.....	222	26	329	306	1,433	130	105	190	149	162	48	298	51	141	126	105	195
August.....	215	31	324	352	1,574	140	126	186	163	150	57	285	56	149	135	126	194
September.....	246	62	409	438	1,963	145	135	198	160	143	95	298	57	154	134	135	201
October.....	225	66	301	354	1,673	147	135	201	154	159	116	262	56	158	136	135	206
November.....	223	50	223	332	1,569	139	126	198	154	162	90	188	54	152	136	126	198
December.....	256	49	96	380	1,814	130	129	204	145	148	70	62	50	142	140	129	194
Monthly average.....	206	41	211	356	1,580	128	117	180	140	135	68	172	53	140	.....	.....	.....

For footnotes giving source of data and description of series, see p. 240.

TRANSPORTATION AND COMMUNICATIONS—FREIGHT CARLOADINGS, CAR SURPLUS AND SHORTAGE, AND RAILWAY OPERATIONS

YEAR AND MONTH	CLASS I STEAM RAILWAYS														
	Indexes of freight carloadings ¹						Freight-car surplus and shortage, daily average ²						Financial operations, unadjusted ^{3,4}		
	Adjusted for seasonal variation						Car surplus			Car shortage			Operating revenues		
	Forest products	Grain and grain products	Live-stock	Ore	Merchandise, less than carlot	Miscellaneous	Total	Box cars	Gondolas and open hoppers ³	Total	Box cars	Gondolas and open hoppers ³	Total	Freight	Passenger
	1935-39 = 100						Number of cars						Millions of dollars		
1935 monthly average ..	.....	.....	.....	.....	.....	279,178	167,196	66,831	0	0	0	287.5	233.0	29.8	
1936 monthly average ..	.....	.....	.....	.....	.....	160,620	88,232	34,813	141	41	98	337.6	275.6	34.4	
1937 monthly average ..	.....	.....	.....	.....	.....	147,381	72,463	37,920	322	141	167	347.2	281.5	36.9	
1938 monthly average ..	.....	.....	.....	.....	.....	257,292	116,383	99,862	0	0	0	297.1	238.2	33.8	
1939 monthly average ..	.....	.....	.....	.....	.....	165,258	73,279	59,662	65	34	30	332.9	270.9	34.7	
1940 monthly average ..	.....	.....	.....	.....	.....	129,964	52,866	50,463	0	0	0	358.2	294.8	34.8	
1941 monthly average ..	.....	.....	.....	.....	.....	80,562	28,980	32,149	0	0	0	445.6	370.6	42.9	
1942 monthly average ..	.....	.....	.....	.....	.....	60,441	32,269	13,432	0	0	0	622.2	495.4	85.7	
1943 monthly average ..	.....	.....	.....	.....	.....	39,564	14,916	11,943	1,393	1,302	74	754.5	565.2	137.7	
1944 monthly average ..	.....	.....	.....	.....	.....	17,151	4,049	4,071	3,330	3,100	129	786.4	583.2	149.2	
1945 monthly average ..	.....	.....	.....	.....	.....	12,947	2,608	4,704	9,693	8,820	395	741.6	544.2	143.0	
1946 monthly average ..	.....	.....	.....	.....	.....	26,585	1,914	20,319	14,928	10,262	3,713	635.7	482.3	104.9	
1947															
January.....	163	157	123	176	77	152	3,584	134	507	19,920	14,197	5,200	685.6	551.1	82.5
February.....	166	147	111	172	76	145	3,300	224	85	30,899	20,925	9,337	636.2	518.7	70.8
March.....	159	159	121	171	78	151	2,714	50	116	35,943	24,178	10,713	718.7	592.3	71.4
April.....	148	151	110	184	79	147	12,125	120	9,456	20,150	15,165	4,583	690.3	565.0	70.4
May.....	140	138	104	184	76	145	5,243	2,029	27	14,779	4,292	10,247	725.4	591.9	77.4
June.....	145	140	107	184	74	142	11,333	5,904	1,390	14,969	5,127	9,357	697.8	557.1	84.8
July.....	152	168	107	194	71	143	30,651	613	²⁵ 25,869	15,697	9,592	³ 5,221	706.0	558.2	93.6
August.....	152	162	92	190	73	149	2,391	175	110	31,766	16,336	14,310	746.0	597.0	94.0
September.....	149	137	105	181	73	145	1,322	238	0	34,443	17,165	14,913	727.1	593.3	80.4
October.....	147	152	104	163	75	149	942	132	0	40,103	20,819	15,045	794.8	664.9	75.0
November.....	150	145	105	163	75	151	2,505	75	0	27,665	16,631	10,129	755.9	625.4	73.7
December.....	158	138	96	190	74	156	5,886	712	143	12,146	5,643	6,047	804.3	627.9	89.5
Monthly average.....	.....	.....	.....	.....	.....	.....	6,833	867	3,142	24,890	14,173	9,592	723.9	586.9	80.3
1948															
January.....	153	131	84	156	69	152	12,013	3,600	934	8,747	2,888	5,468	750.7	613.4	80.9
February.....	140	103	76	173	71	146	6,657	1,817	132	13,030	4,922	7,586	715.9	589.9	72.1
March.....	146	109	79	173	73	150	35,244	2,585	27,938	7,783	2,974	4,776	642.3	474.4	74.4
April.....	141	123	105	208	70	145	104,170	3,459	95,106	2,330	1,079	1,058	729.0	601.4	69.5
May.....	139	129	96	208	69	143	14,515	5,824	109	13,282	1,133	11,500	796.4	667.0	71.8
June.....	150	144	86	188	67	140	15,633	9,938	14	15,350	2,002	12,637	838.1	690.8	84.3
July.....	165	158	86	182	64	141	16,942	1,736	11,539	14,108	5,020	8,279	842.0	685.4	95.1
August.....	162	144	80	179	66	145	5,392	436	47	19,095	5,210	12,985	868.1	711.4	92.5
September.....	152	127	85	178	66	145	4,285	385	56	16,992	6,262	9,891	844.8	696.8	83.6
October.....	149	150	93	174	68	146	1,792	74	253	20,885	10,804	8,908	878.1	738.6	75.3
November.....	144	155	90	174	66	144	4,473	161	653	11,339	7,254	3,469	825.3	691.2	74.2
December.....	139	147	85	187	62	148	11,573	1,902	4,781	1,561	791	670	806.6	648.1	90.7
Monthly average.....	.....	.....	.....	.....	.....	.....	19,391	2,664	11,797	12,042	4,185	7,235	806.0	664.7	80.4
1949															
January.....	129	125	79	175	60	141	31,831	6,031	16,221	657	212	429	730.7	594.8	81.5
February.....	112	113	75	185	61	136	60,063	14,930	34,917	549	103	320	675.8	559.2	67.4
March.....	117	139	77	236	60	138	114,926	17,803	87,579	510	165	198	739.1	616.1	67.6
April.....	119	138	76	215	59	132	78,336	28,600	39,994	236	35	74	747.3	620.3	68.7
May.....	123	150	73	215	59	126	49,195	34,365	4,321	375	71	164	741.1	615.9	67.9
June.....	122	156	70	182	58	122	60,083	35,263	14,786	388	184	32	735.5	599.5	77.1
July.....	117	177	70	177	55	120	86,418	17,839	59,834	1,741	1,632	5	700.7	562.8	82.6
August.....	125	138	77	160	57	127	63,822	11,103	43,570	2,451	2,254	113	742.8	606.0	78.6
September.....	121	125	79	145	52	125	74,745	7,697	62,109	3,582	3,173	104	695.3	569.8	69.8
October.....	124	153	85	28	54	111	190,978	3,451	183,594	10,924	10,346	132	649.2	535.2	61.0
November.....	137	152	76	42	54	119	100,208	2,368	92,938	5,964	3,918	1,909	704.8	587.1	63.8
December.....	134	131	72	146	52	127	44,382	8,303	25,833	1,021	448	517	710.8	575.7	74.4
Monthly average.....	.....	.....	.....	.....	.....	.....	79,582	15,646	55,475	2,367	1,878	333	715.0	587.4	71.7
1950															
January.....	118	119	70	169	52	133	110,945	17,425	77,385	224	111	37	657.0	537.3	69.7
February.....	120	113	65	156	52	130	165,541	11,701	139,311	569	414	16	524.9	482.0	57.8
March.....	123	126	67	134	53	134	76,055	4,867	58,377	5,012	2,749	2,121	743.3	630.5	59.6
April.....	129	131	68	121	53	137	18,358	5,099	4,959	4,910	2,799	1,810	713.8	601.8	60.6
May.....	134	127	66	121	51	133	12,178	3,189	1,957	6,663	2,986	3,080	745.4	634.7	56.8
June.....	144	130	61	179	52	138	6,625	1,949	513	11,491	5,845	4,748	779.2	649.2	71.7
July.....	148	135	61	186	51	140	8,311	234	4,389	21,154	13,875	6,103	772.2	639.7	76.0
August.....	155	139	60	190	56	147	4,346	16	39	38,064	21,846	14,101	889.8	748.1	78.2
September.....	148	128	72	198	55	142	3,583	8	30	34,381	19,444	13,243	872.0	725.0	71.6
October.....	146	159	75	184	54	145	2,405	9	113	35,135	19,620	14,349	925.4	784.5	66.3
November.....	157	166	72	184	53	146	4,926	432	386	24,696	13,838	10,245	862.2	710.8	65.9
December.....	162	158	72	199	52	151	6,258	956	975	14,758	8,998	4,989	927.9	673.6	79.3
Monthly average.....	.....	.....	.....	.....	.....	.....	34,961	3,824	24,003	16,425	9,377	6,237	789.4	651.4	67.8

For footnotes giving source of data and description of series, see p. 240.

¹Unadjusted for seasonal variation.

TRANSPORTATION AND COMMUNICATIONS—RAILWAY OPERATIONS—Continued

YEAR AND MONTH	CLASS I STEAM RAILWAYS												
	Financial operations										Operating results ¹		
	Unadjusted* ¹				Adjusted* ²								
	Operating expenses	Tax accruals, joint facility and equipment rents	Net railway-operating income	Net income	Operating revenues			Railway expenses	Net railway operating income	Net income	Freight carried 1 mile	Revenue per ton-mile	Revenue passenger-carried 1 mile
					Total	Freight	Passenger						
Millions of dollars											Mill. of ton-miles	Cents	Millions
1935 monthly average ..	216.0	29.9	41.6	40.1	.....	.....	.....	.....	.....	.....	26,031	0.991	1,540
1936 monthly average ..	244.2	37.8	55.6	13.8	.....	.....	.....	.....	.....	.....	31,087	.975	1,869
1937 monthly average ..	259.9	38.1	49.2	8.2	.....	.....	.....	.....	.....	.....	32,737	.935	2,055
1938 monthly average ..	226.8	39.2	31.1	10.1	.....	.....	.....	.....	.....	.....	26,517	.984	1,794
1939 monthly average ..	243.2	40.7	49.1	7.9	.....	.....	.....	.....	.....	.....	30,394	.973	1,888
1940 monthly average ..	257.5	43.8	56.9	15.4	.....	.....	.....	.....	.....	.....	33,820	.946	1,981
1941 monthly average ..	305.4	57.0	83.2	41.8	.....	.....	.....	.....	.....	.....	42,853	.936	2,447
1942 monthly average ..	383.5	115.0	123.7	75.3	.....	.....	.....	.....	.....	.....	56,830	.932	4,474
1943 monthly average ..	471.4	169.8	113.3	72.8	.....	.....	.....	.....	.....	.....	64,369	.933	7,321
1944 monthly average ..	523.5	170.7	92.2	55.5	.....	.....	.....	.....	.....	.....	65,452	.950	7,965
1945 monthly average ..	587.8	283.0	70.8	37.2	.....	.....	.....	.....	.....	.....	60,504	.960	7,645
1946 monthly average ..	529.8	254.2	51.7	24.2	.....	.....	.....	.....	.....	.....	52,715	.978	5,391
1947													
January.....	539.1	88.0	58.5	31.8	698.3	559.0	86.0	623.8	74.5	41.8	56,994	1.034	4,119
February.....	509.5	82.9	43.8	17.2	696.4	564.8	78.4	630.9	65.4	32.7	51,848	1.070	3,485
March.....	549.5	95.2	73.9	46.6	723.0	594.6	72.2	641.8	81.1	48.1	60,026	1.055	3,523
April.....	543.6	87.3	59.5	35.7	684.9	555.8	72.9	637.4	47.6	15.2	53,938	1.115	3,488
May.....	557.6	91.0	76.8	49.4	698.0	565.3	78.2	633.2	64.8	32.1	60,014	1.055	3,728
June.....	550.4	86.2	61.2	43.4	731.0	593.4	81.9	649.2	81.8	48.9	56,654	1.043	4,096
July.....	555.7	89.1	61.2	34.3	682.7	543.5	85.9	634.5	48.2	17.6	54,674	1.094	4,412
August.....	566.0	98.9	81.1	52.6	719.4	581.2	83.8	655.4	64.0	31.0	61,663	1.029	4,481
September.....	588.8	90.0	48.3	21.2	716.3	583.4	80.7	680.5	35.8	3.5	59,422	1.058	3,854
October.....	612.0	105.9	76.9	50.0	739.1	611.7	76.7	696.3	42.8	9.4	64,612	1.089	3,450
November.....	595.5	94.5	66.0	44.5	786.0	653.4	77.0	707.6	78.4	46.9	59,656	1.114	3,341
December.....	631.4	96.3	76.7	72.8	805.7	636.9	87.8	722.5	83.2	49.8	57,332	1.159	3,947
Monthly average.....	566.6	92.3	65.0	40.9	.....	.....	.....	.....	.....	.....	58,069	1.076	3,827
1948													
January.....	615.9	93.6	41.3	19.3	766.6	624.1	84.7	707.0	59.6	27.8	55,125	1.197	3,653
February.....	586.4	90.1	39.4	18.2	781.1	644.2	77.4	710.5	70.6	38.3	53,569	1.176	3,198
March.....	618.8	97.1	60.7	35.8	760.8	623.3	75.5	705.4	55.4	22.2	52,466	1.290	3,272
April.....	585.6	90.2	53.1	27.3	726.1	593.6	72.1	684.4	41.7	8.8	49,955	1.295	3,044
May.....	616.2	90.0	90.2	64.1	794.7	665.0	72.8	701.0	93.7	61.8	60,252	1.183	3,152
June.....	626.1	87.0	125.0	94.4	855.6	710.3	81.6	719.0	136.6	102.5	58,231	1.259	3,660
July.....	626.2	110.6	105.3	76.9	818.6	669.8	87.5	726.8	91.7	57.4	57,995	1.265	4,029
August.....	637.4	115.0	115.7	85.8	842.4	695.2	82.8	743.6	98.7	65.3	59,637	1.233	3,896
September.....	621.0	112.9	110.8	81.4	836.0	688.1	84.2	737.4	98.6	64.9	58,815	1.258	3,521
October.....	651.9	115.3	110.9	83.7	845.0	707.8	77.2	755.9	89.1	56.3	62,900	1.251	3,101
November.....	637.5	103.8	84.1	62.1	832.9	695.9	77.8	751.7	81.2	48.6	56,162	1.298	2,990
December.....	649.0	93.1	64.5	45.4	810.6	659.4	89.2	738.6	72.1	40.0	52,542	1.313	3,538
Monthly average.....	622.7	99.8	83.5	58.3	.....	.....	.....	.....	.....	.....	56,471	1.251	3,421
1949													
January.....	616.3	80.6	33.8	12.4	767.8	627.2	85.1	703.4	64.4	34.2	49,197	1.297	3,368
February.....	567.8	77.0	30.9	5.8	739.7	609.0	74.7	688.5	51.3	20.4	45,360	1.316	2,740
March.....	587.9	85.0	66.1	42.2	721.6	596.0	68.4	662.6	59.0	26.4	46,719	1.398	2,744
April.....	594.3	88.5	64.5	39.7	741.9	610.4	71.0	689.1	52.8	21.3	50,218	1.322	2,770
May.....	600.9	82.7	57.5	32.1	736.9	611.7	68.6	676.2	60.6	29.2	51,630	1.284	2,735
June.....	588.2	86.1	61.1	42.3	748.3	614.5	74.4	677.0	71.3	37.8	47,973	1.333	3,111
July.....	569.8	80.6	50.2	26.7	700.9	570.1	75.7	649.8	51.1	19.0	44,992	1.346	3,445
August.....	587.6	89.8	65.4	38.7	697.3	569.0	70.1	659.1	38.2	5.2	48,366	1.338	3,317
September.....	541.2	90.6	63.5	38.0	685.2	560.2	70.1	633.1	52.1	18.9	44,231	1.364	2,911
October.....	521.1	81.5	46.7	23.4	622.9	511.0	62.3	591.9	31.0	0	40,564	1.400	2,534
November.....	537.4	92.1	75.4	54.2	708.5	588.8	66.7	635.4	72.0	39.3	46,036	1.356	2,488
December.....	568.5	73.6	68.8	81.9	712.1	584.0	73.0	631.5	80.6	49.1	45,190	1.343	2,912
Monthly average.....	574.3	83.5	57.2	36.5	.....	.....	.....	.....	.....	.....	46,706	1.339	2,923
1950													
January.....	546.7	77.6	32.8	12.5	688.6	565.0	72.8	628.9	59.8	29.1	41,793	1.370	2,730
February.....	501.1	69.0	14.8	48.3	638.4	522.9	64.1	606.3	32.1	1.3	36,383	1.407	2,215
March.....	574.4	93.2	75.8	49.4	722.5	607.4	60.2	655.1	67.4	35.8	50,937	1.318	2,304
April.....	562.6	89.0	62.2	37.5	729.8	613.8	62.7	666.6	63.2	31.6	49,687	1.289	2,362
May.....	580.6	97.8	67.0	45.2	715.2	604.6	57.4	660.9	54.3	20.2	51,155	1.314	2,215
June.....	588.8	100.4	90.0	72.0	791.4	663.4	69.2	691.5	100.0	69.7	51,865	1.326	2,830
July.....	579.1	109.1	83.9	58.6	771.9	646.1	69.7	685.9	86.1	54.1	51,982	1.305	3,042
August.....	626.3	141.5	122.1	95.8	832.5	699.2	69.8	744.3	88.2	54.8	59,403	1.325	3,125
September.....	600.7	148.7	122.6	99.0	857.6	711.1	71.9	749.1	108.5	72.8	57,940	1.320	2,818
October.....	635.0	155.7	134.6	107.9	884.6	747.2	67.7	776.2	108.4	74.3	62,017	1.332	2,573
November.....	618.6	133.6	110.0	86.1	863.0	710.8	68.9	759.8	103.2	70.5	54,817	1.363	2,500
December.....	645.4	169.2	113.3	120.1	941.0	708.3	77.8	849.4	91.6	59.5	54,608	1.310	3,058
Monthly average.....	588.3	114.5	86.7	65.3	.....	.....	.....	.....	.....	.....	51,882	1.329	2,648

For footnotes giving source of data and description of series, see pp. 240, 241.

¹Unadjusted for seasonal variation.²Adjusted for seasonal variation.

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TRANSPORTATION AND COMMUNICATIONS—WATERWAY TRAFFIC AND TRAVEL

YEAR AND MONTH	WATERWAY TRAFFIC					TRAVEL											
	Clearances, vessels in foreign trade ¹			Panama Canal ²		Hotels ³			Foreign travel						Pullman Company ⁷		
	U. S. ports			Total	In United States ves-sels	Average sale per occupied room	Rooms occu-pied	Res-tau-rant sales index	U. S. citizens		Emi-grants ⁴	Immi-grants ⁴	Pass-ports issued ⁵	Nati-onal parks, visi-tors ⁶	Revenue passen-ger miles	Passen-ger revenues	
	Total	Foreign vessels	United States vessels						Arri-vals ⁴	Depar-tures ⁴							
	Thousands of net tons			Thousands of long tons		Dollars	Percent of total	1929 - 100	Number						Thous.	Millions	Thous. of dol.
1935 monthly average ..	5,407	3,563	1,844	2,058	857	2.92	60	80	24,733	23,728	3,041	2,909	9,842	² 321	596	3,789	
1936 monthly average ..	5,506	3,833	1,672	2,281	856	3.03	65	89	29,923	29,628	2,543	3,466	11,833	² 467	696	4,387	
1937 monthly average ..	6,073	4,412	1,662	2,442	878	3.24	66	95	34,824	34,109	2,062	5,218	14,001	² 542	764	4,776	
1938 monthly average ..	5,940	4,371	1,569	2,186	777	3.27	61	88	30,202	29,168	2,086	6,340	11,228	² 535	689	4,377	
1939 monthly average ..	5,859	4,346	1,513	2,423	913	3.31	62	90	24,932	22,686	2,196	6,130	7,488	² 552	707	4,586	
1940 monthly average ..	5,181	3,494	1,687	2,212	1,103	3.29	64	96	14,769	12,928	1,368	5,038	2,104	² 589	684	4,379	
1941 monthly average ..	5,216	3,394	1,822	1,699	907	3.39	67	105	14,397	14,347	1,081	3,601	4,146	682	839	5,065	
1942 monthly average ..	² 3,975	² 2,613	² 1,363	780	291	3.53	73	123	8,188	6,392	458	1,980	10,832	² 290	1,589	8,663	
1943 monthly average ..	5,560	2,753	2,807	773	417	3.78	84	164	8,698	5,087	422	2,206	11,490	138	2,158	11,857	
1944 monthly average ..	7,282	2,861	4,421	617	257	3.95	87	185	12,857	6,997	522	2,646	11,759	187	2,356	13,159	
1945 monthly average ..	² 7,880	² 2,758	² 5,122	868	419	4.06	91	200	15,506	11,375	1,140	3,800	12,929	347	2,273	12,730	
1946 monthly average ..	² 6,435	² 2,342	² 4,094	1,562	908	4.22	93	230	29,653	28,201	1,837	12,413	15,745	742	1,723	10,489	
1947																	
January.....	6,222	2,378	3,844	1,858	1,039	4.25	90	229	38,660	37,602	854	14,080	17,989	164	1,378	10,214	
February.....	6,296	2,455	3,841	1,913	996	4.37	92	213	41,910	47,394	1,306	11,118	18,468	203	1,161	8,677	
March.....	6,870	2,753	4,116	2,061	1,070	4.37	92	214	50,633	44,474	1,648	13,910	20,294	229	1,180	8,857	
April.....	7,615	3,291	4,324	2,156	1,101	4.86	92	240	43,345	41,647	1,691	13,391	20,166	379	1,064	8,094	
May.....	9,646	4,367	5,278	2,071	1,166	4.46	92	244	35,873	45,258	1,833	14,032	20,862	720	1,061	8,018	
June.....	8,725	3,980	4,746	2,154	1,211	4.75	93	248	39,987	45,320	1,804	14,733	21,831	1,465	1,215	9,193	
July.....	8,953	3,945	5,008	2,090	1,059	4.70	87	225	48,147	48,137	2,233	15,644	19,611	2,585	1,139	8,558	
August.....	9,991	4,697	5,294	1,928	982	5.16	93	246	56,855	39,577	1,997	13,433	15,277	2,855	1,166	8,712	
September.....	9,196	4,272	4,924	1,813	886	5.07	92	238	60,324	34,112	2,429	13,853	12,182	1,185	1,104	8,374	
October.....	9,153	4,451	4,703	1,884	1,027	5.14	93	226	46,492	32,168	2,047	14,880	13,402	598	1,028	8,924	
November.....	7,905	3,633	4,273	1,886	1,124	5.28	87	234	36,074	25,099	1,702	15,618	10,456	253	1,000	8,737	
December.....	6,535	2,820	3,715	2,162	1,223	4.91	78	202	37,441	31,743	1,566	14,879	11,786	171	1,020	9,762	
Monthly average.....	8,092	3,587	4,506	1,998	1,074	4.77	90	232	44,643	39,378	1,759	14,131	16,869	901	1,126	8,843	
1948																	
January.....	6,400	2,774	3,625	1,935	1,111	5.06	86	227	38,380	36,581	1,300	14,126	14,833	176	1,202	10,610	
February.....	6,446	2,815	3,631	2,098	1,092	5.03	88	211	46,695	42,690	1,193	14,272	17,915	208	1,048	9,328	
March.....	7,002	2,998	4,005	2,143	1,165	4.81	89	205	47,587	44,722	1,556	14,567	26,883	258	1,045	9,364	
April.....	6,826	3,106	3,720	2,064	1,184	5.35	89	245	41,823	40,574	1,750	14,211	25,110	351	975	8,676	
May.....	8,167	4,063	4,099	1,990	964	4.91	89	246	37,517	41,271	1,395	12,742	27,304	689	935	8,254	
June.....	8,765	4,461	4,304	2,125	1,044	5.27	89	248	45,627	59,432	1,707	12,345	30,372	1,454	1,040	9,516	
July.....	9,004	4,497	4,507	1,940	1,117	5.12	83	227	52,964	58,525	3,020	12,370	21,699	2,613	1,028	9,334	
August.....	8,773	4,478	4,294	2,021	1,167	5.62	88	236	68,081	42,926	2,238	11,500	16,168	2,800	1,016	9,128	
September.....	7,554	4,059	3,495	1,954	1,075	5.53	90	240	64,865	32,503	2,061	12,325	13,892	1,371	1,020	9,240	
October.....	7,638	4,083	3,554	1,642	746	5.60	89	224	53,854	34,029	1,938	15,700	12,456	616	1,008	9,183	
November.....	6,307	3,232	3,075	1,764	687	5.70	84	225	44,540	25,648	1,318	15,321	11,134	215	922	8,395	
December.....	6,567	3,101	3,466	1,827	909	5.25	73	204	44,071	36,280	2,300	20,941	12,669	150	933	8,417	
Monthly average.....	7,454	3,639	3,815	1,959	1,022	5.27	86	230	48,834	41,265	1,815	14,202	19,203	908	1,014	9,120	
1949																	
January.....	5,948	3,037	2,910	2,341	1,179	5.41	83	222	39,348	40,048	1,569	12,612	16,744	155	1,187	10,814	
February.....	5,691	2,849	2,841	1,981	877	5.38	86	222	47,540	48,161	1,461	10,365	21,975	177	943	8,600	
March.....	6,659	3,409	3,250	2,554	1,282	5.15	85	207	55,907	54,681	1,883	16,662	34,761	243	941	8,663	
April.....	7,847	3,984	3,863	2,525	1,174	5.62	84	228	50,397	53,899	2,152	17,074	32,319	433	868	7,883	
May.....	8,352	4,441	3,911	2,426	1,049	5.16	84	234	47,743	53,966	2,078	22,038	34,602	803	796	7,370	
June.....	8,401	4,586	3,816	2,330	1,116	5.48	84	233	51,062	71,695	2,568	20,809	32,294	1,732	887	8,135	
July.....	7,300	4,008	3,292	2,387	1,047	5.27	78	211	64,588	77,820	2,798	24,134	19,688	3,348	841	7,731	
August.....	7,486	4,098	3,390	1,979	928	5.84	81	222	79,459	53,498	2,794	25,554	19,847	3,111	825	7,587	
September.....	7,285	3,888	3,396	2,125	1,166	5.59	86	223	73,172	42,372	2,713	26,006	15,501	1,446	833	7,732	
October.....	6,494	3,396	3,099	2,297	1,313	5.71	86	213	54,039	37,532	2,371	27,243	13,592	678	807	7,512	
November.....	6,367	3,433	2,934	2,079	1,079	5.81	80	218	39,301	31,925	1,795	21,918	13,608	298	785	7,260	
December.....	6,458	3,479	2,979	2,638	1,576	5.25	67	194	40,723	37,437	2,395	23,972	13,932	188	830	7,750	
Monthly average.....	7,024	3,717	3,307	2,305	1,149	5.47	82	221	53,607	50,253	2,215	20,749	22,405	1,051	879	8,086	
1950																	
January.....	5,628	3,104	2,523	2,508	1,412	5.41	80	211	40,553	42,636	1,634	14,201	22,067	187	1,026	9,577	
February.....	5,429	2,934	2,495	2,565	1,588	5.43	83	213	51,656	55,067	1,524	15,365	30,156	237	845	7,881	
March.....	6,466	3,665	2,801	2,762	1,551	5.25	81	205	59,457	65,836	2,122	16,142	39,187	304	865	8,069	
April.....	7,103	3,940	3,163	2,365	1,339	5.73	83	230	53,434	62,677	1,985	16,463	36,607	560	808	7,555	
May.....	7,638	4,503	3,135	2,606	1,447	5.26	83	239	50,283	60,413	2,083	19,974	41,453	886	664	6,229	
June.....	8,130	4,860	3,271	2,562	1,460	5.64	84	238	56,902	88,305	3,384	18,215	41,233	1,930	861	8,009	
July.....	7,647	4,648	2,999	2,857	1,668	5.43	77	207	78,030	² 80,854	.....	17,905	21,635	3,271	850	7,826	
August.....	8,559	5,308	3,251	2,452	1,477	6.13	81	231	96,425	² 61,804	.....	18,575	18,037	3,300	930	8,444	
September.....	8,402	5,135	3,267	2,356	1,307	5.98	84	232	88,706	² 44,776	.....	15,452	13,827	1,474	936	8,513	
October.....	8,220	5,165	3,055	2,478	1,157	6.17	86	228	59,768	² 36,058	.....	14,090	12,734	833	955	8,658	
November.....																	

TRANSPORTATION AND COMMUNICATIONS—COMMUNICATIONS

YEAR AND MONTH	TELEPHONE CARRIERS ¹						TELEGRAPH, CABLE, AND RADIOTELEGRAPH CARRIERS ²									
	Operating revenues			Operating ex- penses, before taxes	Net operat- ing income	Tele- phones in ser- vice, end of month	Wire-telegraph			Ocean-cable			Radiotelegraph			
	Total	Station re- ven- ues	Message tolls				Operat- ing re- ven- ues	Operat- ing ex- penses, includ- ing de- preciation	Net operat- ing re- ven- ues	Operat- ing re- ven- ues	Operat- ing ex- penses, includ- ing de- preciation	Net operat- ing re- ven- ues	Operat- ing re- ven- ues	Operat- ing ex- penses, includ- ing de- preciation	Net operat- ing re- ven- ues	
Thousands of dollars						Thousands	Thousands of dollars									
1935 monthly average ..	84,552	55,911	21,314	59,434	16,735	³ 15,231	8,860	7,630	850	1,374	1,091	243	753	687	61	
1936 monthly average ..	91,309	59,166	24,112	61,140	19,888	³ 16,222	9,653	8,241	983	1,451	1,097	312	829	723	109	
1937 monthly average ..	96,559	62,603	25,346	65,610	18,901	³ 17,195	9,774	8,754	505	1,570	1,200	319	976	760	216	
1938 monthly average ..	96,838	63,622	24,668	66,483	17,481	³ 17,704	8,906	8,244	69	1,416	1,209	157	877	754	85	
1939 monthly average ..	101,970	66,622	26,621	68,133	19,944	³ 18,607	9,163	8,328	243	1,577	1,229	282	1,031	800	186	
1940 monthly average ..	108,181	70,599	28,639	71,435	20,296	³ 19,680	9,554	8,634	319	1,505	1,162	272	1,155	843	252	
1941 monthly average ..	119,624	75,917	34,012	77,896	21,087	³ 21,240	10,682	9,533	731	1,665	1,148	431	1,316	925	294	
1942 monthly average ..	³ 131,556	80,444	43,102	83,054	19,864	³ 22,626	12,155	10,553	989	1,897	1,255	539	1,055	793	201	
1943 monthly average ..	147,787	85,388	54,087	93,363	20,851	³ 24,040	13,922	12,609	668	2,188	1,294	772	1,124	806	267	
1944 monthly average ..	158,953	88,713	61,136	101,553	19,950	³ 24,451	14,442	12,698	1,088	2,467	1,389	932	1,398	1,000	339	
1945 monthly average ..	173,195	93,461	69,469	113,679	23,500	³ 25,467	15,179	13,908	601	2,221	1,528	578	1,872	1,263	558	
1946 monthly average ..	187,925	104,223	72,905	141,803	22,659	³ 28,963	14,636	14,451	⁴ 652	1,891	1,650	110	1,870	1,772	48	
1947																
January.....	199,501	111,663	76,031	153,408	20,455	29,253	15,730	14,081	537	1,957	1,744	52	1,793	1,853	⁴ 134	
February.....	193,014	109,997	71,082	144,958	22,072	29,568	14,450	12,693	688	1,784	1,771	⁴ 168	1,722	1,739	⁴ 89	
March.....	203,062	112,820	78,134	153,086	23,628	29,778	15,564	13,470	1,102	1,966	1,792	⁴ 9	1,839	1,831	⁴ 74	
April.....	149,986	97,339	40,758	128,494	5,800	29,970	21,357	15,804	4,423	1,906	1,837	⁴ 104	1,666	1,903	⁴ 309	
May.....	180,855	106,834	61,656	150,288	11,506	30,061	18,788	15,369	2,287	1,953	1,917	⁴ 147	1,702	1,944	⁴ 334	
June.....	201,645	113,386	75,496	161,992	17,922	30,294	17,088	14,454	1,576	1,893	1,758	⁴ 35	1,675	1,932	⁴ 343	
July.....	205,213	114,583	78,016	171,619	13,248	30,558	16,420	14,880	465	2,029	2,011	⁴ 174	1,673	1,998	⁴ 379	
August.....	205,886	114,852	78,088	167,807	16,314	30,798	16,147	14,444	688	1,974	1,800	⁴ 6	1,815	1,961	⁴ 218	
September.....	209,182	118,151	77,956	170,833	16,895	31,063	16,370	14,466	922	1,996	1,820	6	1,853	1,923	⁴ 142	
October.....	217,791	121,986	82,554	175,645	19,200	31,426	16,663	14,530	1,128	2,062	1,890	⁴ 11	1,991	1,878	49	
November.....	213,223	121,613	78,158	168,632	20,821	31,726	14,650	14,236	⁴ 568	1,931	1,837	⁴ 69	1,767	1,934	⁴ 239	
December.....	226,039	127,149	85,223	180,212	22,017	32,099	16,427	14,633	1,091	2,322	1,847	169	2,249	2,117	60	
Monthly average.....	200,450	114,198	73,596	160,581	17,490	.....	16,638	14,422	1,195	1,981	1,835	⁴ 41	1,812	⁴ 1,897	⁷ 4,156	
1948																
January.....	² 219,032	² 125,356	² 79,475	² 173,238	² 20,580	² 30,704	15,192	14,508	⁴ 309	1,773	1,538	57	² 1,848	² 1,806	² 418	
February.....	214,601	123,931	76,190	165,481	22,798	30,940	14,084	13,210	⁴ 83	1,629	1,567	⁴ 123	1,754	1,758	⁴ 75	
March.....	226,567	127,561	84,335	178,006	22,666	31,221	16,055	14,190	900	1,885	1,843	⁴ 102	1,811	1,890	⁴ 140	
April.....	223,384	127,833	80,714	174,687	22,692	31,497	15,014	14,224	⁴ 185	2,089	1,787	92	1,801	1,775	⁴ 44	
May.....	226,803	128,762	82,807	176,393	24,075	31,756	15,482	14,610	⁴ 108	2,012	1,758	60	1,839	1,852	⁴ 88	
June.....	229,624	130,669	83,406	179,664	23,671	32,008	16,508	14,759	741	2,065	1,702	170	1,925	1,825	13	
July.....	227,889	128,763	83,325	183,987	19,934	32,245	15,107	15,091	⁴ 759	1,924	1,776	⁴ 12	1,863	1,844	⁴ 55	
August.....	232,153	129,496	86,571	182,583	23,268	32,480	15,403	14,490	50	1,908	1,675	18	1,791	1,814	⁴ 93	
September.....	232,684	131,899	84,453	184,220	22,514	32,706	15,290	14,313	164	2,010	1,678	138	1,831	1,773	⁴ 16	
October.....	236,767	134,444	85,855	184,510	25,174	32,972	14,842	14,187	⁴ 63	1,991	1,677	123	1,843	1,786	⁴ 30	
November.....	237,619	136,254	84,532	190,522	23,074	33,205	14,493	14,069	⁴ 293	1,882	1,662	28	1,840	1,845	⁴ 65	
December.....	246,605	139,080	90,171	201,555	20,471	33,462	15,959	17,154	⁴ 1,989	2,270	1,761	294	2,202	2,175	⁴ 37	
Monthly average.....	² 229,445	130,338	83,486	² 181,205	22,577	.....	15,286	14,567	⁴ 161	1,953	1,702	62	1,862	² 1,844	⁷ 4,451	
1949																
January.....	244,730	141,460	86,153	194,828	21,910	34,232	14,024	14,124	⁴ 942	1,874	1,565	106	1,820	1,783	⁴ 36	
February.....	235,104	138,685	79,365	186,275	21,455	34,450	13,227	13,171	⁴ 756	1,865	1,540	117	1,844	1,747	27	
March.....	250,308	142,903	89,812	199,922	22,534	34,692	14,955	14,345	⁴ 166	2,022	1,617	211	2,067	1,856	148	
April.....	248,446	143,620	87,374	194,859	24,335	34,887	14,354	14,167	⁴ 612	1,887	1,648	47	1,896	1,862	⁴ 53	
May.....	252,895	145,419	89,642	198,885	24,670	35,060	14,819	14,228	⁴ 254	2,021	1,631	170	1,979	1,843	52	
June.....	256,025	148,419	89,628	198,659	26,864	35,214	15,098	13,901	360	1,991	1,784	10	1,950	1,845	16	
July.....	252,433	146,259	88,269	197,447	25,025	35,345	13,582	13,939	⁴ 1,123	1,826	1,764	⁴ 127	1,793	1,809	⁴ 99	
August.....	260,939	148,583	94,227	201,637	27,774	35,489	14,870	13,964	156	1,892	1,733	⁴ 20	1,925	1,800	46	
September.....	259,714	151,345	90,288	198,614	29,217	35,651	14,523	13,420	314	1,948	1,617	149	1,957	1,696	185	
October.....	265,211	155,767	91,065	197,061	33,498	35,837	13,944	12,984	253	1,817	1,506	145	1,938	1,741	126	
November.....	265,476	158,161	88,975	198,733	32,671	36,022	13,413	12,673	62	1,788	1,548	74	1,938	1,827	46	
December.....	274,700	161,764	94,382	207,686	33,068	36,255	14,584	13,363	596	1,882	1,660	38	2,255	1,892	282	
Monthly average.....	255,499	148,532	89,098	197,884	26,919	.....	14,283	13,690	⁴ 176	1,901	1,635	76	1,947	1,809	61	
1950																
January.....	271,019	161,650	90,417	200,786	32,603	36,426	13,241	12,756	⁴ 359	1,762	1,548	31	1,883	1,790	⁴ 20	
February.....	262,131	159,375	84,093	191,542	33,198	36,605	12,636	11,887	⁴ 83	1,620	1,584	⁴ 113	1,784	1,700	⁴ 13	
March.....	280,803	164,709	97,096	204,642	36,448	36,813	14,565	12,798	907	1,901	1,703	13	2,017	1,835	83	
April.....	275,806	163,935	92,636	196,628	37,873	36,999	13,755	12,467	474	1,646	1,568	⁴ 105	1,774	1,742	⁴ 71	
May.....	285,947	168,157	98,504	208,569	37,310	37,158	15,192	13,262	1,090	1,902	1,612	116	1,967	1,803	64	
June.....	287,467	169,767	98,275	204,849	33,929	37,304	15,378	13,086	1,469	1,943	1,552	207	2,055	1,781	175	
July.....	289,528	169,124	100,646	205,664	41,489	37,441	14,738	13,272	671	2,189	1,563	418	2,228	1,808	325	
August.....	300,617	172,540	108,189	211,798	35,337	37,620	16,022	13,716	1,525	2,295	1,581	510	2,408	1,795	525	
September.....	292,847	17														

CHEMICALS AND ALLIED PRODUCTS—CHEMICALS

YEAR AND MONTH	INORGANIC CHEMICALS, PRODUCTION ¹														
	Ammonia, synthetic anhydrous (commercial) ²	Calcium arsenate (commercial)	Calcium carbide (commercial) ²	Carbon dioxide, liquid, gas, and solid ³	Chlorine, gas ⁴	Hydrochloric acid (100% HCl)	Lead arsenate (acid and basic)	Nitric acid (100% HNO ₃) ²	Oxygen (high purity)	Phosphoric acid (50% H ₃ PO ₄) ²	Soda ash, ammonia-soda process (98-100% Na ₂ CO ₃) ⁵	Sodium bichromate and chromate	Sodium hydroxide (100% NaOH) ⁶	Sodium silicate, soluble silicate glass (anhydrous) ⁷	Sodium sulfate, Glauber's salt and crude salt cake
	Short tons	Thous. of lb.	Short tons	Thous. of lb.	Short tons	Thous. of lb.	Short tons	Mil. of cu. ft.	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
1935 monthly average ⁸	.....	.....	.....	.....	.....	(⁹)	8,009	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ⁸	.....	.....	.....	.....	.....	(⁹)	14,655	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ⁸	.....	.....	.....	.....	.....	(⁹)	13,978	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ⁸	25,902	(⁹)	.....	.....	42,867	10,319	(⁹)	.....	.....	.....	235,500	4,847	87,117	.....	.....
1939 monthly average ⁸	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average ⁸	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average	41,773	104,678	30,858	49,835	66,736	18,974	16,326	28,915	724	55,222	300,569	6,951	119,101	32,182	57,963
1942 monthly average	45,279	127,011	41,732	57,311	82,484	24,743	15,313	35,638	1,067	51,451	315,715	6,580	131,181	26,876	64,236
1943 monthly average	45,282	6,238	54,918	64,187	101,201	28,540	6,163	40,266	1,378	53,071	367,300	6,830	148,224	30,155	64,751
1944 monthly average	45,304	3,696	65,786	74,365	105,197	31,752	7,559	39,310	1,541	58,048	378,200	6,831	155,954	35,696	66,341
1945 monthly average	45,721	122,343	56,047	74,605	99,340	33,963	5,877	37,257	1,162	60,912	364,585	6,723	155,359	34,224	62,013
1946 monthly average	60,461	2,949	47,512	71,828	97,094	28,465	4,722	47,819	906	74,551	357,019	7,124	156,074	34,363	57,908
1947															
January.....	89,762	1,765	50,675	60,491	112,041	35,158	4,923	100,308	1,101	78,892	380,589	6,979	173,614	39,991	66,304
February.....	85,663	1,543	45,411	49,858	103,348	33,979	3,691	95,906	1,010	74,926	350,634	5,954	157,149	35,884	63,244
March.....	95,859	1,221	52,466	62,449	119,057	37,007	4,481	103,113	1,218	89,050	383,753	7,129	179,323	42,120	70,092
April.....	93,007	2,320	51,830	81,330	112,434	34,652	5,470	101,317	1,146	82,452	367,847	7,089	168,624	50,267	69,984
May.....	97,107	5,492	56,286	96,487	123,736	36,966	3,694	101,656	1,188	82,372	396,282	7,474	183,449	39,726	74,502
June.....	91,681	8,859	48,136	96,700	124,067	33,196	1,436	97,149	1,089	89,492	374,083	7,426	181,200	32,814	69,432
July.....	96,768	10,645	53,388	110,228	121,336	33,654	447	95,921	1,066	86,920	377,976	7,331	181,793	37,126	64,996
August.....	93,461	5,064	50,827	107,712	125,992	34,733	(¹⁰)	95,154	1,105	88,083	363,890	7,219	181,720	35,472	65,942
September.....	88,120	3,107	47,177	102,410	124,178	33,541	(¹⁰)	94,564	1,093	87,249	359,004	7,350	177,012	36,329	65,414
October.....	95,826	2,272	48,336	80,016	127,245	36,461	(¹⁰)	99,318	1,314	99,213	395,609	8,413	186,254	43,724	70,293
November.....	92,185	2,709	48,462	61,368	124,634	37,609	(¹⁰)	101,558	1,212	89,353	379,821	7,527	181,298	45,233	71,245
December.....	97,773	2,190	55,343	57,996	128,797	38,149	(¹⁰)	104,096	1,251	90,412	389,656	7,983	182,806	40,061	73,846
Monthly average.....	93,101	3,932	50,695	80,587	120,572	35,425	172,516	99,172	1,149	86,535	376,595	7,323	177,854	39,896	68,775
1948															
January.....	95,405	2,003	58,091	126,147	129,654	40,296	3,229	103,834	1,293	93,664	383,481	7,664	189,772	39,304	73,509
February.....	90,550	2,433	55,006	63,617	122,529	35,290	3,697	100,546	1,280	89,130	360,437	7,106	180,897	44,090	65,187
March.....	100,142	3,379	61,489	74,902	132,855	37,670	3,654	101,041	1,385	103,140	404,525	7,971	198,784	55,384	70,369
April.....	92,640	3,970	57,649	87,573	127,179	37,655	3,814	94,904	1,384	95,766	357,752	8,184	186,425	38,773	72,061
May.....	82,408	3,910	59,009	100,529	131,952	39,588	3,127	86,487	1,393	96,725	360,110	7,962	186,481	33,588	74,258
June.....	81,364	5,957	54,585	108,162	135,139	35,907	2,097	81,888	1,310	93,768	347,656	7,916	192,400	39,093	66,345
July.....	89,642	3,273	53,375	123,100	131,485	33,942	506	92,594	1,228	94,905	398,871	7,850	196,034	38,230	65,237
August.....	85,556	899	57,443	125,197	142,599	36,913	(¹⁰)	90,318	1,351	101,152	394,215	7,783	203,400	38,085	68,496
September.....	86,062	(¹⁰)	55,164	105,671	136,569	38,990	(¹⁰)	95,570	1,301	104,371	357,618	8,200	196,289	38,232	73,135
October.....	92,791	721	57,805	75,437	147,780	41,062	(¹⁰)	99,190	1,455	111,731	406,603	8,734	211,962	38,617	76,935
November.....	93,923	(¹⁰)	55,347	65,047	147,638	40,354	(¹⁰)	91,348	1,411	102,580	398,158	8,277	212,620	46,868	74,813
December.....	99,303	(¹⁰)	57,971	63,979	154,656	40,596	1,648	95,099	1,433	106,901	406,026	8,328	221,605	38,049	72,645
Monthly average.....	90,816	172,270	56,911	87,888	136,670	38,189	172,053	94,402	1,352	99,486	381,288	7,998	198,056	40,526	71,083
1949															
January.....	99,057	(¹⁰)	61,918	64,055	152,956	40,760	3,866	97,854	1,426	111,278	372,224	8,913	209,974	35,914	72,790
February.....	90,917	(¹⁰)	56,480	61,467	136,551	39,424	4,089	90,545	1,385	106,400	329,076	7,987	188,436	31,683	67,852
March.....	103,418	129	58,123	76,475	148,831	43,016	2,833	95,680	1,495	116,276	349,849	8,116	193,034	35,423	65,936
April.....	109,306	1,159	50,763	79,688	140,846	41,081	1,627	101,790	1,389	111,110	312,647	7,105	175,880	32,579	61,147
May.....	110,129	1,515	45,804	107,904	143,718	38,767	711	99,800	1,307	114,043	285,741	5,286	176,703	43,277	54,798
June.....	103,217	1,871	47,424	120,031	134,572	36,022	784	97,476	1,074	102,883	309,379	4,644	170,283	37,658	48,706
July.....	109,505	3,070	44,227	135,474	139,163	36,813	(¹⁰)	90,382	1,063	109,669	289,943	4,029	163,678	26,446	42,489
August.....	113,894	2,969	42,009	136,147	147,825	40,599	(¹⁰)	93,308	1,205	119,683	305,469	5,575	175,933	28,284	59,107
September.....	105,443	(¹⁰)	40,286	98,712	147,214	42,010	(¹⁰)	95,721	1,156	119,689	317,406	5,552	182,143	37,159	49,690
October.....	108,604	(¹⁰)	47,274	84,768	151,128	44,094	(¹⁰)	85,208	662	135,018	328,899	5,938	189,367	49,912	56,479
November.....	115,667	1,151	55,212	69,157	155,943	45,420	676	91,832	1,011	127,680	360,971	5,781	196,575	46,073	59,325
December.....	124,900	1,548	55,836	69,671	168,282	45,983	890	99,925	1,329	120,815	354,412	6,726	201,012	41,794	56,158
Monthly average.....	107,838	171,334	50,446	91,962	147,252	41,166	171,406	94,127	1,209	116,212	326,335	6,304	185,252	37,184	57,873
1950															
January.....	124,079	(¹⁰)	56,849	63,180	158,202	47,871	3,217	105,575	1,369	132,745	338,552	7,350	187,201	36,410	60,069
February.....	115,976	(¹⁰)	51,317	59,120	151,513	43,315	3,756	101,386	1,253	129,191	319,578	6,771	180,945	31,416	54,820
March.....	123,996	1,206	59,336	77,086	167,091	50,708	5,568	98,906	1,427	128,987	368,746	7,835	205,354		

For footnotes giving source of data and description of series, see pp. 242, 243.

CHEMICALS AND ALLIED PRODUCTS—CHEMICALS—Continued

YEAR AND MONTH	INORGANIC CHEMICALS ¹		ORGANIC CHEMICALS											
	Sulfuric acid		Acetic acid (synthetic and natural), production ⁴	Acetic anhydride, production ⁴	Acetyl-salicylic acid (aspirin), production ⁴	Alcohol								
	Production (100% H ₂ SO ₄) ²	Price, wholesale, 66°, tanks, at works ³				Ethyl alcohol ⁵					Denatured alcohol ⁶			
						Production (at industrial alcohol plants)	Stocks, end of month			With- drawn for denaturation	With- drawn tax-paid	Production	Consumption (withdrawals)	Stocks, end of month
							Total	Industrial alcohol bonded warehouses	Denaturing plants					
	Short tons	Dol. per short ton	Thousands of pounds			Thousands of proof gallons					Thousands of wine gallons			
1935 monthly average ..	7 333,291	15.50	.....	9,705	338	16,102	.....	20,240	.....	13,742	1,730	8,130	8,079	1,986
1936 monthly average ..	7 333,291	15.50	.....	11,407	365	16,421	.....	20,699	.....	14,381	2,440	8,303	8,340	2,046
1937 monthly average ..	7 411,771	16.04	.....	14,791	416	17,953	.....	23,269	.....	14,401	2,547	8,239	8,230	1,489
1938 monthly average ..	7 333,291	16.50	.....	9,570	325	16,057	.....	29,590	.....	13,401	2,069	7,742	7,725	1,247
1939 monthly average ..	7 399,584	16.50	.....	15,096	448	18,469	.....	25,636	.....	16,648	1,903	9,492	9,495	1,593
1940 monthly average ..	.....	16.50	.....	(⁸)	534	21,952	.....	18,076	.....	19,847	2,107	11,186	11,165	1,826
1941 monthly average ..	564,174	16.50	.....	(⁸)	674	31,787	.....	10,019	.....	26,793	2,627	14,876	14,898	1,166
1942 monthly average ..	646,165	16.50	.....	23,911	721	30,442	.....	37,693	4,246	31,136	932	17,156	16,938	2,679
1943 monthly average ..	703,512	16.50	.....	28,368	724	37,523	168,534	111,310	57,224	56,729	483	30,733	29,954	10,150
1944 monthly average ..	770,184	16.50	.....	27,758	785	56,092	113,174	37,079	76,094	84,144	1,226	45,363	45,167	18,448
1945 monthly average ..	793,511	16.50	.....	24,930	912	42,631	125,033	41,101	83,932	61,656	3,148	33,455	33,597	19,147
1946 monthly average ..	766,824	16.50	.....	26,063	827	20,516	91,764	34,189	57,575	26,957	4,590	14,646	15,984	9,607
1947														
January.....	882,990	16.50	35,152	49,157	925	22,399	30,215	22,927	7,288	27,775	4,350	15,040	15,015	2,216
February.....	830,824	16.50	30,670	45,662	1,024	18,416	30,676	21,294	9,381	21,409	3,260	11,573	12,361	1,423
March.....	920,816	16.50	33,620	54,206	832	19,455	28,214	21,992	6,222	23,622	3,175	12,777	12,673	1,521
April.....	870,121	16.50	30,376	53,086	1,043	23,556	26,150	24,089	2,061	25,227	2,555	13,667	13,464	1,712
May.....	892,691	16.50	33,876	54,249	1,053	27,982	29,258	27,452	1,807	25,743	2,170	13,926	14,095	1,531
June.....	856,129	16.50	31,729	41,433	1,155	23,793	27,016	25,323	1,694	26,065	2,377	14,150	13,687	1,981
July.....	851,598	16.50	35,897	53,627	998	26,833	27,754	25,699	2,065	26,624	2,768	14,605	15,062	1,519
August.....	864,092	16.50	35,365	53,478	1,126	29,121	28,637	26,928	1,709	27,741	2,696	16,468	16,415	1,566
September.....	856,783	16.50	28,606	50,308	1,083	29,788	24,291	22,777	1,514	30,345	3,201	18,609	18,712	1,449
October.....	897,297	16.50	29,560	55,071	1,092	38,939	26,578	25,882	697	35,307	4,280	21,594	21,680	1,351
November.....	884,365	16.50	30,439	55,347	1,016	22,787	22,787	22,170	618	30,112	4,630	18,624	19,030	944
December.....	967,235	16.13	31,163	57,507	615	26,625	22,637	21,783	854	24,788	4,090	17,700	16,935	1,720
Monthly average.....	881,245	16.47	32,426	52,672	1,018	26,280	27,019	24,026	2,992	27,063	3,296	15,728	15,761	1,578
1948														
January.....	10 976,191	15.00	34,189	62,700	979	17,396	21,248	20,738	510	16,677	2,581	12,576	12,432	1,851
February.....	934,515	15.00	32,624	58,184	985	20,951	23,886	22,654	1,232	16,879	2,678	11,051	11,243	1,653
March.....	1,001,378	15.00	34,605	64,849	1,054	29,265	29,808	29,413	395	21,048	3,237	13,016	13,046	1,613
April.....	948,269	15.00	33,261	60,103	1,061	27,389	31,601	31,032	569	23,812	2,827	13,311	13,206	1,712
May.....	977,490	15.00	39,091	64,641	559	29,852	34,874	34,353	521	24,807	2,838	13,754	14,211	1,245
June.....	882,261	15.00	38,041	57,784	649	27,668	38,273	37,699	574	22,962	2,933	12,973	13,138	1,073
July.....	883,537	15.00	37,745	63,246	249	23,833	38,487	38,114	373	22,646	2,957	12,543	12,488	1,119
August.....	943,009	15.00	31,626	63,004	905	25,746	36,098	35,654	444	26,263	3,432	14,529	14,203	1,435
September.....	907,227	15.00	35,437	69,240	1,043	27,965	32,133	31,721	412	28,716	3,809	15,660	15,619	1,469
October.....	985,052	17.00	38,322	69,857	1,079	29,820	29,592	28,738	853	30,075	4,702	15,962	15,440	1,977
November.....	983,206	17.00	41,238	73,450	1,088	33,603	31,999	31,496	503	29,134	5,114	16,013	16,175	1,817
December.....	1,033,813	17.00	43,496	67,941	1,113	30,795	34,917	34,317	601	29,339	3,159	15,765	15,257	2,191
Monthly average.....	954,662	15.53	35,184	64,933	918	27,024	31,910	31,327	582	24,363	3,355	13,929	13,871	1,596
1949														
January.....	1,012,623	17.00	41,366	66,520	1,180	26,567	37,154	36,587	567	23,661	2,943	12,855	12,929	2,193
February.....	916,357	17.00	34,739	57,807	1,069	22,376	37,727	37,434	293	20,165	3,184	11,121	10,112	3,232
March.....	1,026,297	17.00	30,496	48,157	609	28,426	37,741	37,454	288	27,834	2,944	15,121	14,088	4,248
April.....	954,096	17.00	29,617	39,459	804	36,232	43,842	43,373	469	27,027	2,541	14,468	12,996	5,708
May.....	976,682	17.00	29,521	39,775	940	33,855	49,942	49,441	502	25,770	3,022	13,883	12,975	6,604
June.....	901,132	17.00	25,420	35,334	1,009	31,796	51,015	50,544	471	30,593	3,040	16,575	14,430	8,746
July.....	871,042	17.00	29,698	40,528	250	23,760	53,764	53,249	515	18,663	2,655	10,086	10,557	8,268
August.....	916,133	17.00	31,638	50,785	908	26,660	56,575	53,513	3,061	25,176	3,587	12,314	12,450	8,126
September.....	884,658	17.00	34,788	62,927	813	22,770	52,420	50,645	1,775	24,362	3,672	13,948	15,337	6,732
October.....	936,109	17.00	39,667	68,704	927	22,680	43,135	41,920	1,216	27,117	3,936	15,056	15,471	6,306
November.....	985,589	17.00	39,923	70,853	843	23,181	37,199	36,230	969	26,838	4,289	14,612	15,541	5,358
December.....	1,051,165	17.00	39,824	72,458	873	22,516	33,949	33,204	745	24,907	2,288	13,618	15,066	3,899
Monthly average.....	952,657	17.00	30,831	54,372	863	26,735	44,539	43,633	906	25,176	3,175	13,638	13,496	5,785
1950														
January.....	1,019,803	17.00	36,765	69,140	829	24,688	31,273	30,377	896	27,411	2,750	14,771	15,200	3,464
February.....	967,335	17.00	31,147	67,356	824	24,254	28,384	27,700	684	24,044	2,547	13,188	13,205	3,429
March.....	1,071,299	17.00	37,441	73,287	934	27,304	24,049	23,512	537	30,321	3,846	16,539	17,086	2,873
April.....	1,057,073	17.75	37,506	85,734	796	31,210	25,729	24,829	901	28,855	3,552	15,402	15,922	2,346
May.....	1,104,335	17.75	41,012	75,183	867	33,410	28,502	27,614	888	29,418	3,257	15,994	16,850	1,487
June.....	1,039,938	17.75	37,633	74,992	921	31,102	23,248	22,284	964	35,468	4,188	19,146	18,517	2,099
July.....	1,047,544	17.75	39,520	80,743	672	31,727	21,619	20,489	1,130	33,018	4,986	18,719	18,204	2,611
August.....	1,051,694	17.75	41,593	83,012	1,080	33,098	24,580	23,886	694	27,870	6,928	17,733	17,120	3,199
September.....	1,057,851	17.75	38,300	77,963	1,116	37,391	29,432	29,088	344	26,611	3,660	16,708	18,474	1,467
October.....	1,137,367	19.33	42,476	77,364	1,081	40,910	36,597	35,979	619	31,151	3,422	19,273	18,727	2,012
November.....	1,121,357	19.85	40,218	78,221	885	35,256	44,066	42,735	1,331	23,813	3,877	16,582	16,861	1,744
December.....	1,183,514	19.97	36,352	79,462	766	34,763	44,010	43,251	759	20,910	3,035	21,265	19,888	3,118
Monthly average.....	1,071,592	18.06	38,330	75,205	898	32,091	30,124	29,312	812	28,243	3,940	17,109	17,169	2,487

For footnotes giving source of data and description of series, see pp. 243, 244.

CHEMICALS AND ALLIED PRODUCTS—CHEMICALS—Continued

YEAR AND MONTH	ORGANIC CHEMICALS										
	Creosote oil, production ¹	Ethyl acetate (85%), production ¹	Glycerin, refined (100% basis) ²						Methanol, production ³		Phthalic anhydride, production ¹
			High gravity and yellow distilled			Chemically pure			Natural (100%)	Synthetic (100%)	
			Production	Consumption	Stocks, end of month	Production	Consumption	Stocks, end of month			
Thousands of gallons	Thousands of pounds						Thousands of gallons		Thousands of pounds		
1935 monthly average ..	8,865	4,822	3,976	1,689	^u 15,668	5,914	877	^u 13,545	345	1,504	.....
1936 monthly average ..	9,994	6,118	3,882	2,423	^u 11,730	6,760	1,786	^u 9,773	381	2,130	.....
1937 monthly average ..	10,384	5,803	4,230	2,614	^u 15,611	7,354	1,966	^u 21,665	393	2,651	.....
1938 monthly average ..	8,486	4,644	3,562	2,243	^u 20,758	7,230	1,687	^u 39,948	285	2,169	.....
1939 monthly average ..	10,808	5,658	5,351	2,895	^u 22,113	6,884	2,087	^u 43,343	318	2,855	.....
1940 monthly average ..	12,440	6,281	5,903	3,329	^u 26,820	7,090	2,676	^u 30,956	362	3,747	.....
1941 monthly average ..	^s 11,959	^s 7,891	^s 7,185	^s 4,745	^u 24,594	9,009	3,300	^u 24,175	402	^s 4,654	6,776
1942 monthly average ..	^s 14,608	^s 7,212	^s 8,960	^s 4,588	^u 26,010	6,088	2,563	^u 27,066	388	^s 5,195	7,901
1943 monthly average ..	^s 14,599	^s 8,633	^s 8,039	^s 4,991	^s 27,011	5,270	2,346	25,621	323	^s 5,410	^s 9,510
1944 monthly average ..	^s 13,429	^s 9,016	^s 8,072	^s 6,275	^s 37,918	8,267	7,173	^s 41,189	280	^s 5,932	^s 10,227
1945 monthly average ..	^s 13,193	^s 8,818	^s 7,461	^s 7,612	^s 25,888	6,940	7,266	^s 25,838	235	^s 6,189	^s 10,485
1946 monthly average ..	^s 11,367	^s 7,400	^s 5,348	^s 6,154	^s 15,653	7,032	5,636	20,091	192	^s 6,398	^s 9,396
1947											
January.....	14,140	10,185	7,538	7,406	14,361	7,894	6,961	18,124	221	7,145	11,687
February.....	14,668	7,084	8,234	7,100	15,460	8,573	6,349	17,919	184	6,681	10,847
March.....	14,800	7,902	8,562	7,865	17,687	7,582	6,473	18,392	195	6,991	11,690
April.....	14,381	5,984	7,618	8,037	18,027	8,911	6,127	19,198	227	6,206	9,605
May.....	13,555	6,088	6,678	7,295	19,188	8,804	5,943	20,426	229	6,830	10,526
June.....	12,877	6,826	6,965	6,699	19,591	7,980	5,844	20,735	177	6,551	11,764
July.....	11,673	5,822	5,483	6,677	19,040	6,200	5,644	20,274	189	6,779	12,871
August.....	12,096	5,899	7,250	6,723	18,981	7,998	6,521	20,406	197	6,708	12,396
September.....	13,505	6,785	8,812	7,210	19,143	7,956	6,786	19,503	194	6,564	11,800
October.....	14,010	7,181	7,936	8,311	17,595	9,883	7,843	18,314	226	7,065	12,529
November.....	12,672	7,132	7,560	7,386	16,256	8,782	7,173	17,781	229	6,832	12,373
December.....	14,363	8,651	8,752	7,754	17,341	9,202	7,511	17,327	257	7,199	12,893
Monthly average.....	^s 13,290	^s 7,262	7,616	7,372	17,723	8,314	6,598	19,033	210	^s 6,971	^s 11,456
1948											
January.....	12,840	5,261	8,701	7,168	17,801	11,065	8,031	18,624	219	8,806	12,433
February.....	11,930	5,712	7,946	7,088	18,006	10,294	7,388	18,989	198	9,161	12,048
March.....	12,184	5,850	7,620	7,426	17,974	11,434	7,847	21,937	204	10,944	14,082
April.....	12,888	5,422	6,797	7,373	16,665	8,306	7,086	21,766	207	10,489	13,072
May.....	11,819	5,788	6,447	7,256	15,501	7,720	6,767	21,497	194	12,771	13,632
June.....	10,885	5,763	8,776	7,994	17,961	9,210	6,753	22,545	190	12,880	11,606
July.....	11,530	4,972	4,779	6,945	15,262	5,630	5,985	21,041	214	13,508	12,133
August.....	12,117	5,457	7,045	7,275	14,884	8,990	7,561	20,750	190	14,261	11,567
September.....	12,488	4,830	6,886	7,571	14,013	9,484	7,410	20,213	191	14,577	12,288
October.....	11,760	5,008	6,551	7,291	13,344	9,530	7,796	20,623	186	16,396	15,254
November.....	13,440	4,904	7,069	7,005	13,222	9,240	7,536	18,720	192	16,342	15,921
December.....	12,595	8,279	7,203	6,651	13,680	10,600	7,518	20,593	181	15,950	15,873
Monthly average.....	^s 12,078	^s 5,126	7,152	7,254	15,693	9,292	7,307	20,608	197	^s 12,428	^s 13,236
1949											
January.....	13,247	6,379	5,920	6,289	13,905	10,530	7,908	22,067	198	14,506	16,295
February.....	13,565	3,646	4,751	5,774	12,679	8,956	6,932	21,823	172	12,783	12,815
March.....	14,059	6,374	6,234	6,305	12,406	9,973	7,621	21,307	187	14,038	12,470
April.....	13,433	6,416	6,213	6,182	12,936	8,910	7,065	20,685	166	11,417	10,192
May.....	13,977	5,368	6,089	6,342	12,110	9,246	7,189	20,393	223	8,864	9,507
June.....	13,453	5,479	7,907	6,668	13,596	^s 6,617	^s 6,947	^s 18,211	146	7,023	8,018
July.....	10,672	5,798	4,692	5,700	11,316	6,258	6,286	14,926	136	7,609	7,104
August.....	10,242	6,424	6,781	7,068	11,580	11,591	8,181	15,674	157	8,059	10,103
September.....	10,645	5,339	7,528	7,397	11,790	11,165	7,729	15,479	146	9,323	12,602
October.....	6,254	6,852	7,550	6,913	12,123	11,655	8,054	17,214	165	11,143	16,284
November.....	6,531	6,469	7,879	6,545	13,103	12,426	7,916	17,838	165	9,789	16,340
December.....	10,444	6,456	6,834	6,214	13,591	12,335	7,209	20,071	169	10,628	18,075
Monthly average.....	^s 11,034	^s 6,872	6,532	6,450	12,595	10,139	7,420	18,807	169	^s 10,527	^s 12,475
1950											
January.....	10,597	6,449	6,927	5,971	14,347	12,840	9,174	22,411	171	11,655	18,174
February.....	10,063	6,917	6,159	6,082	13,564	12,228	7,224	24,645	145	8,767	17,090
March.....	11,424	6,899	8,499	7,794	14,468	12,553	8,158	25,972	197	9,371	18,722
April.....	12,360	6,159	6,876	7,668	13,717	10,880	7,619	26,406	166	9,357	15,436
May.....	12,869	9,746	8,420	8,633	14,302	10,865	8,364	23,678	175	10,063	15,675
June.....	12,769	5,624	8,079	7,961	15,132	9,932	8,011	22,537	173	10,417	16,209
July.....	10,929	5,646	4,822	7,239	13,518	7,430	7,399	18,444	167	11,125	17,615
August.....	11,510	7,737	7,419	8,581	12,297	12,262	9,007	17,787	184	11,395	18,367
September.....	11,407	7,922	7,631	8,007	12,855	12,098	8,450	18,172	183	12,984	19,031
October.....	11,756	8,168	8,222	8,850	13,070	13,435	8,363	19,368	177	12,308	19,902
November.....	11,747	7,824	8,821	8,994	14,180	11,827	8,246	19,115	182	13,474	18,237
December.....	13,373	7,665	8,829	8,257	15,983	12,968	7,961	20,132	162	14,621	20,250
Monthly average.....	^s 11,754	7,230	7,559	7,836	13,953	11,610	8,165	21,556	174	11,295	17,892

For footnotes giving source of data and description of series, see p. 244.

CHEMICALS AND ALLIED PRODUCTS—FERTILIZERS

YEAR AND MONTH	FERTILIZERS											Price, whole-sale, nitrate of soda, crude, f.o.b. cars, port warehouses ³	Potash deliveries ⁴
	Con-sump-tion (14 states) ¹	Exports ²				Imports ²							
		Total	Nitro-genous mate-rials	Phos-phate mate-rials	Potash mate-rials	Total	Nitrogenous materials		Phos-phate mate-rials	Potash mate-rials			
							Total	Nitrate of soda					
Thousands of short tons	Short tons										Dol. per short ton	Short tons	
1935 monthly average ..	340	138,514	21,220	108,579	6,332	131,142	72,912	36,474	4,123	48,587	26.00	31,283	
1936 monthly average ..	376	153,806	22,863	119,542	8,586	146,333	96,142	44,085	4,600	39,476	27.10	30,749	
1937 monthly average ..	455	141,955	20,069	110,825	8,586	190,969	107,755	58,482	10,621	65,624	28.51	34,073	
1938 monthly average ..	402	146,354	19,459	117,941	7,011	144,980	99,093	53,866	4,612	35,439	29.00	39,519	
1939 monthly average ..	415	129,756	15,489	100,176	11,396	128,246	101,811	56,410	2,215	19,770	29.00	32,445	
1940 monthly average ..	421	119,303	24,043	84,440	7,755	118,130	90,345	62,013	1,359	22,873	29.10	32,504	
1941 monthly average ..	451	135,470	14,024	111,050	7,662	91,359	80,666	50,881	2,026	4,111	30.92	42,690	
1942 monthly average ..	472	80,540	7,203	65,246	7,033	98,854	91,268	74,929	1,908	1,325	33.00	55,013	
1943 monthly average ..	581	74,426	8,675	55,874	9,295	108,455	94,603	63,430	4,586	3,751	33.00	59,131	
1944 monthly average ..	578	73,085	3,318	58,206	9,171	115,236	96,851	59,417	11,632	1,145	33.00	67,197	
1945 monthly average ..	630	85,328	10,351	63,227	8,724	134,121	113,414	70,824	13,387	572	33.00	71,607	
1946 monthly average ..	742	105,295	13,816	81,731	8,068	102,344	87,603	45,073	5,874	656	35.33	76,014	
1947													
January.....	1,395	193,430	47,135	130,085	12,044	56,022	45,615	11,233	452	0	40.90	98,555	
February.....	1,174	214,442	43,386	158,817	9,487	58,176	45,753	10,481	4,210	0	41.50	77,839	
March.....	1,089	280,910	23,353	237,956	12,445	130,107	116,149	73,792	4,009	1,005	41.50	95,229	
April.....	899	181,249	62,464	100,457	6,284	162,698	131,154	80,347	4,868	14,897	41.50	84,207	
May.....	607	342,502	96,037	233,954	6,587	154,627	122,067	90,222	5,259	12,600	41.50	73,802	
June.....	330	296,545	63,288	214,522	5,690	131,891	120,382	90,480	5,020	0	41.50	83,121	
July.....	361	312,365	82,514	209,426	6,022	92,370	85,021	46,618	42	2,500	41.50	73,708	
August.....	384	296,834	63,755	219,537	7,563	104,887	95,577	46,745	4,850	0	43.90	83,848	
September.....	477	268,583	73,070	181,821	9,222	85,782	75,226	18,994	4,230	0	45.50	75,764	
October.....	492	228,569	87,414	127,772	6,320	102,878	81,777	34,298	14,131	0	45.50	77,680	
November.....	657	208,651	96,967	98,305	11,236	86,056	68,383	28,321	3,588	7,659	45.50	97,333	
December.....	821	272,540	61,223	189,250	10,040	102,099	78,092	24,994	5,037	9,154	46.13	112,214	
Monthly average.....	724	258,052	66,717	175,159	8,578	105,633	88,766	46,377	4,641	3,985	43.03	86,108	
1948													
January.....	1,438	209,168	88,927	102,242	8,000	115,322	103,897	68,081	318	2,479	48.00	97,029	
February.....	1,150	152,850	14,306	116,203	10,735	158,626	135,258	99,494	10,449	5,227	48.00	91,574	
March.....	1,474	321,817	172,579	128,273	10,030	147,938	126,912	78,764	436	8,238	48.00	99,728	
April.....	1,100	276,847	68,429	198,171	8,563	145,160	116,875	76,232	301	12,861	48.00	99,135	
May.....	651	172,381	31,564	133,478	5,524	152,371	120,408	78,534	8,594	6,662	48.00	80,497	
June.....	379	202,191	34,469	161,829	3,797	104,306	92,041	68,049	5,890	2	48.00	84,792	
July.....	350	264,889	77,029	181,354	5,467	78,688	72,494	30,339	243	0	48.00	80,338	
August.....	335	253,085	54,897	189,356	8,109	129,587	121,746	64,920	3,481	0	50.63	90,806	
September.....	566	255,000	57,515	183,292	11,283	87,774	72,330	34,050	10,208	0	51.50	96,738	
October.....	545	230,088	79,641	131,712	10,540	66,405	51,974	19,357	3,487	3,613	51.50	94,312	
November.....	568	207,704	91,321	100,172	9,845	87,081	74,175	41,840	4,856	0	51.50	102,160	
December.....	779	200,858	93,869	82,149	12,283	116,635	93,869	49,913	9,774	241	51.50	103,032	
Monthly average.....	778	228,907	72,046	142,353	8,681	115,824	98,498	59,131	4,836	3,277	49.39	93,345	
1949													
January.....	1,311	167,559	42,756	102,382	9,201	98,679	79,833	45,199	3,464	8,020	54.50	98,968	
February.....	1,478	215,591	98,587	92,242	8,116	144,203	130,339	88,559	464	5,962	54.50	90,604	
March.....	1,950	254,928	104,414	123,799	7,993	170,937	150,466	82,123	8,401	1,964	54.50	100,338	
April.....	1,224	250,058	99,590	138,789	9,133	152,977	124,009	61,341	3,215	13,130	54.50	114,673	
May.....	739	207,809	63,127	129,643	7,828	176,584	141,302	86,544	13,333	548	54.50	78,290	
June.....	375	258,996	58,420	161,062	9,824	110,049	93,061	66,791	4,430	2,198	54.50	114,025	
July.....	308	264,575	79,592	172,841	8,410	69,454	54,254	32,681	8,130	1	54.50	77,015	
August.....	279	351,947	87,853	229,784	8,103	120,479	100,699	52,377	13,570	0	54.50	103,936	
September.....	519	289,754	98,064	162,598	15,392	118,352	107,241	52,616	5,066	0	54.50	92,825	
October.....	528	310,303	124,806	155,912	9,985	97,236	86,961	47,695	4,737	2	52.25	105,678	
November.....	505	391,164	150,907	186,581	11,540	87,735	70,828	26,454	8,389	20	51.50	72,787	
December.....	593	300,251	159,502	110,806	5,631	106,389	88,773	33,163	5,135	4,738	51.50	45,485	
Monthly average.....	817	271,911	97,302	147,203	9,263	121,090	102,314	56,295	6,528	3,049	53.81	91,219	
1950													
January.....	1,177	262,125	61,925	181,362	3,406	142,225	98,717	55,563	5,433	26,159	51.50	27,896	
February.....	1,480	311,746	126,224	161,543	4,562	173,104	113,284	56,172	13,606	33,548	51.50	91,803	
March.....	1,840	368,792	148,988	182,652	9,389	223,808	139,175	68,259	7,824	57,024	51.50	116,035	
April.....	1,535	446,192	91,136	311,684	11,819	274,725	128,400	76,408	7,023	118,420	51.50	113,107	
May.....	998	495,432	129,204	347,639	10,325	214,918	166,523	103,322	13,659	10,744	51.50	83,446	
June.....	408	450,744	128,730	289,520	7,147	111,954	83,783	40,269	15,321	1,056	51.50	134,624	
July.....	325	250,642	90,482	141,469	10,989	50,974	37,835	1,110	3,298	2,518	51.50	97,301	
August.....	385	226,631	83,193	129,904	7,095	70,484	54,762	7,990	7,153	3,407	51.50	107,056	
September.....	551	283,942	50,081	213,503	12,741	129,288	104,447	51,717	11,496	3,365	51.50	114,710	
October.....	598	189,531	34,229	139,759	11,984	199,190	147,304	70,666	4,542	33,814	51.50	114,210	
November.....	737	206,658	31,506	148,979	9,626	154,905	97,106	34,134	5,503	43,723	51.50	113,400	
December.....	845	145,250	28,470	77,061	8,889	167,832	123,172	50,064	9,187	29,343	51.50	125,316	
Monthly average.....	906	303,140	83,681	193,756	8,998	159,451	107,876	51,306	8,670	30,260	51.50	103,242	

For footnotes giving source of data and description of series, see pp. 244, 245.

CHEMICALS AND ALLIED PRODUCTS—FERTILIZERS, NAVAL STORES, AND MISCELLANEOUS

YEAR AND MONTH	FERTILIZERS		NAVAL STORES						MISCELLANEOUS CHEMICALS			
	Superphosphate (bulk) ¹		Rosin (gum and wood)			Turpentine (gum and wood)			Explosives (industrial), shipments ²		Sulfur ³	
	Production	Stocks, end of month	Production, quarterly ²	Stocks, end of quarter ²	Price, gum, wholesale, "WG" grade, bulk (Savannah) ³	Production, quarterly ²	Stocks, end of quarter ²	Price, gum, wholesale (Savannah) ⁴	Black blasting powder	High explosives	Production	Stocks, end of month
	Short tons		Drums (520 lb.)		Dollars per 100 lb.	Barrels (50 gal.)		Dollars per gallon	Thousands of pounds		Thousands of long tons	
1935 monthly average...	245,925	.....	⁷ 455,298	⁸ 612,645	2.21	⁷ 150,727	⁸ 230,136	0.453	5,741	19,071	136	.....
1936 monthly average...	290,367	.....	⁷ 466,392	⁸ 530,600	2.50	⁷ 158,630	⁸ 223,364	.387	6,808	24,722	168	.....
1937 monthly average...	372,592	.....	⁷ 507,793	⁸ 799,478	3.56	⁷ 175,083	⁸ 218,774	.336	5,520	26,797	228	.....
1938 monthly average...	316,300	.....	⁷ 519,169	⁸ 1,297,576	2.54	⁷ 177,305	⁸ 304,323	.236	4,308	22,383	199	.....
1939 monthly average...	350,975	.....	⁷ 453,428	⁸ 1,255,517	2.54	⁷ 151,195	⁸ 220,267	.254	4,853	26,186	174	.....
1940 monthly average...	405,467	.....	⁷ 429,373	⁸ 1,499,328	2.32	⁷ 141,585	⁸ 209,910	.252	4,979	28,910	228	¹⁰ 4,496
1941 monthly average...	442,225	.....	⁷ 427,119	⁸ 1,147,742	2.67	⁷ 137,199	⁸ 156,369	.497	4,955	33,385	262	4,601
1942 monthly average...	495,650	¹¹ 1,228,509	⁷ 413,951	⁸ 1,284,229	3.59	⁷ 140,088	⁸ 288,213	.619	4,628	34,768	288	4,925
1943 monthly average...	589,465	842,554	¹² 359,637	¹² 1,144,588	4.52	¹² 128,023	¹² 301,816	.668	3,869	33,779	212	4,838
1944 monthly average...	620,258	877,767	¹² 334,152	¹² 685,249	6.14	¹² 117,064	¹² 273,051	.776	3,580	33,438	268	4,190
1945 monthly average...	669,877	860,765	¹² 347,900	¹² 427,527	6.60	¹² 121,477	¹² 175,687	.794	3,079	33,600	313	3,869
1946 monthly average...	725,112	717,745	¹² 417,607	¹² 382,240	7.33	¹² 135,593	¹² 92,413	.953	3,069	39,912	322	3,912
1947												
January.....	844,852	815,611	351,875	.....	8.68	113,520	.....	1.211	3,646	43,446	321	3,704
February.....	827,818	750,307		.....	9.61		.....	1.146	3,269	41,748	299	3,668
March.....	891,976	645,412		222,701	9.65		98,205	.995	3,216	43,228	350	3,637
April.....	866,514	608,409	527,335	.....	9.34	176,089	.....	.846	2,305	43,733	334	3,549
May.....	894,772	681,235		.....	7.61		.....	.591	2,402	48,895	377	3,495
June.....	804,855	855,352		243,086	7.70		147,693	.613	2,277	49,771	359	3,456
July.....	908,917	903,380	572,233	.....	6.93	189,689	.....	.585	2,012	45,122	383	3,438
August.....	804,355	866,919		.....	6.91		.....	.586	3,122	50,154	391	3,445
September.....	822,448	852,303		284,840	7.33		194,111	.616	3,672	52,115	407	3,450
October.....	893,613	863,407	508,543	.....	8.79	159,665	.....	.622	3,812	55,622	426	3,458
November.....	881,041	950,556		.....	9.10		.....	.638	3,500	48,865	405	3,435
December.....	973,554	1,039,952		339,269	9.19		210,116	.641	3,233	48,707	389	3,371
Monthly average.....	859,560	819,404	¹² 489,997	¹² 272,474	8.37	¹² 159,741	¹² 162,531	.751	3,039	47,534	370	3,509
1948												
January.....	935,633	1,110,116	382,720	.....	9.35	115,460	.....	.630	3,653	45,366	391	3,373
February.....	897,871	1,085,169		.....	9.09		.....	.630	3,049	45,799	388	3,348
March.....	1,041,728	996,987		277,980	7.58		195,350	.636	2,739	46,406	403	3,368
April.....	977,972	967,018	566,300	.....	7.03	183,240	.....	.624	2,415	45,302	393	3,338
May.....	979,878	1,134,929		.....	6.95		.....	.576	3,336	58,026	410	3,298
June.....	829,295	1,314,000		401,170	7.54		200,990	.416	2,886	60,271	410	3,304
July.....	742,744	1,410,505	607,850	.....	7.32	197,640	.....	.391	2,168	54,684	423	3,340
August.....	841,274	1,403,167		.....	7.34		.....	.375	2,836	60,929	406	3,311
September.....	801,952	1,382,289		576,530	7.48		228,600	.379	2,548	58,124	401	3,314
October.....	828,646	1,333,435	539,310	.....	7.78	163,400	.....	.387	2,626	56,497	393	3,293
November.....	853,461	1,357,931		.....	7.82		.....	.390	2,581	53,175	413	3,226
December.....	822,517	1,407,694		670,550	7.87		262,670	.368	2,405	47,704	439	3,225
Monthly average.....	879,414	1,241,937	¹² 524,045	¹² 481,558	7.74	¹² 164,935	¹² 221,903	.481	2,770	¹² 53,243	406	3,312
1949												
January.....	840,276	1,387,127	362,650	.....	7.66	114,860	.....	.369	2,953	46,353	417	3,274
February.....	865,568	1,239,818		.....	7.15		.....	.400	1,730	47,507	351	3,234
March.....	1,020,281	984,456		618,230	6.22		229,690	.405	1,286	45,883	403	3,202
April.....	994,691	802,638	525,250	.....	5.68	183,160	.....	.402	1,333	55,729	396	3,181
May.....	929,998	824,080		.....	6.41		.....	.388	1,269	57,992	418	3,168
June.....	810,775	960,752		719,140	6.42		218,490	.370	1,081	50,982	399	3,168
July.....	833,631	1,165,762	574,840	.....	6.49	194,110	.....	.362	1,068	45,443	389	3,143
August.....	889,083	1,264,676		.....	6.53		.....	.377	1,509	53,158	397	3,157
September.....	820,111	1,268,682		840,920	6.70		225,070	.391	1,606	48,548	390	3,140
October.....	816,724	1,259,932	552,940	.....	6.60	170,700	.....	.389	1,595	40,130	393	3,097
November.....	850,563	1,311,085		.....	6.58		.....	.386	2,436	47,608	401	3,115
December.....	836,137	1,420,577		929,960	6.66		238,660	.398	2,212	47,585	393	3,099
Monthly average.....	875,653	1,157,465	¹² 503,920	¹² 777,063	6.58	¹² 165,708	¹² 227,978	.387	1,673	48,910	395	3,165
1950												
January.....	815,582	1,523,841	370,480	.....	6.66	125,320	.....	.412	1,999	40,468	401	3,075
February.....	874,478	1,338,800		.....	6.40		.....	.428	1,803	37,389	377	3,040
March.....	1,108,419	1,030,022		894,280	6.29		205,960	.430	2,213	53,418	412	2,989
April.....	1,065,650	798,871	566,830	.....	5.71	200,670	.....	.410	1,464	55,794	389	2,885
May.....	1,007,617	912,909		.....	5.29		.....	.400	1,407	59,843	476	2,876
June.....	850,941	1,194,074		936,460	4.93		191,200	.400	1,148	59,805	488	2,956
July.....	732,499	1,313,007	594,250	.....	5.59	194,050	.....	.411	1,235	55,128	466	2,976
August.....	866,723	1,250,575		.....	6.11		.....	.458	1,837	68,581	437	2,936
September.....	876,023	1,224,030		873,340	6.61		151,430	.642	1,912	60,822	446	2,854
October.....	953,689	1,157,052	542,770	.....	7.26	171,260	.....	.712	2,057	64,557	440	2,823
November.....	948,923	1,150,886		.....	8.27		.....	.866	1,626	59,724	424	2,763
December.....	974,544	1,207,228		711,430	8.43		159,820	.798	1,955	56,378	435	2,655
Monthly average.....	922,924	1,175,108	¹² 518,582	¹² 853,878	6.45	¹² 172,825	¹² 177,103	.528	1,721	55,992	433	2,902

For footnotes giving source of data and description of series, see pp. 245, 246.

CHEMICALS AND ALLIED PRODUCTS—FATS, OILS, OILSEEDS, AND BYPRODUCTS

YEAR AND MONTH	ANIMAL FATS, GREASES, AND OILS ¹									VEGETABLE OILS, OILSEEDS, AND BYPRODUCTS				
	Animal fats			Greases			Fish oils ²			Vegetable oils ¹				
	Production	Consumption, factory	Stocks, end of month	Production	Consumption, factory	Stocks, end of month	Production	Consumption, factory	Stocks, end of month	Production, crude	Consumption, crude, factory	Stocks, end of month		
												Crude	Refined	
Thousands of pounds ³														
1935 monthly average...	104,508	71,608	³ 378,298	22,509	16,828	³ 64,347	² 60,116	² 59,975	² 198,956	195,637	249,015	² 550,851	³ 519,555	
1936 monthly average...	137,355	71,501	³ 384,181	26,482	17,044	³ 65,598	² 75,128	² 70,855	² 181,514	214,112	283,569	³ 624,187	³ 468,013	
1937 monthly average...	118,181	63,279	³ 329,353	25,882	17,971	³ 63,755	² 67,048	² 74,818	² 198,786	255,878	296,525	³ 699,514	³ 557,116	
1938 monthly average...	148,169	71,420	³ 336,063	27,288	15,231	³ 62,287	² 66,112	² 66,018	² 209,791	253,941	300,335	³ 813,508	³ 620,085	
1939 monthly average...	176,224	79,773	³ 371,577	31,551	17,576	³ 55,556	² 67,851	² 70,164	² 222,413	256,486	292,819	³ 763,624	³ 675,219	
1940 monthly average...	206,705	80,542	³ 588,193	37,743	29,709	³ 121,972	² 46,835	² 51,600	² 186,477	265,834	276,648	³ 812,724	³ 618,320	
1941 monthly average...	217,459	109,918	³ 568,953	42,797	39,185	³ 113,908	² 55,152	² 51,280	² 159,536	312,373	334,463	³ 796,068	³ 472,468	
1942 monthly average...	244,239	124,847	³ 357,148	46,056	43,852	³ 103,739	² 39,357	² 44,691	² 182,394	311,926	293,304	³ 826,860	³ 436,474	
1943 monthly average...	261,964	110,423	327,735	48,375	57,969	89,714	² 40,089	² 49,520	² 190,936	346,475	315,765	³ 851,315	³ 382,589	
1944 monthly average...	294,871	130,749	700,526	54,801	61,039	143,010	² 53,747	² 58,723	² 191,053	330,944	316,538	847,143	424,816	
1945 monthly average...	198,506	120,612	268,908	44,223	54,118	80,449	² 44,882	² 79,981	² 125,984	328,141	329,448	731,968	419,029	
1946 monthly average...	197,404	104,639	206,072	44,279	44,066	84,569	12,642	⁴ 16,371	89,573	317,325	322,715	561,791	405,881	
1947														
January.....	305,454	129,189	307,717	52,951	48,748	73,528	1,825	18,504	107,704	444,495	430,119	525,706	280,852	
February.....	262,563	140,875	307,152	47,554	45,591	67,073	1,309	18,796	102,396	390,542	413,994	540,197	304,000	
March.....	221,341	144,153	286,646	44,705	45,929	64,680	749	20,292	79,693	380,736	411,301	542,826	311,612	
April.....	232,662	119,426	342,474	47,342	42,527	69,915	1,637	19,829	66,351	352,376	394,723	537,635	358,090	
May.....	263,402	105,258	389,150	48,931	43,912	85,100	1,982	14,074	58,333	314,617	325,875	551,465	392,321	
June.....	249,065	105,247	429,015	48,353	41,237	98,860	11,410	16,428	57,422	282,545	290,727	564,711	385,643	
July.....	238,493	99,483	446,449	46,721	37,720	102,139	23,141	11,443	65,510	275,593	292,629	558,834	358,577	
August.....	208,120	127,376	400,779	44,579	43,620	106,853	23,733	12,188	86,720	245,943	291,736	482,374	292,522	
September.....	190,394	135,042	320,151	40,260	49,846	99,021	26,836	20,112	86,285	329,700	325,411	452,033	242,783	
October.....	227,941	156,053	251,134	47,998	55,244	97,788	22,614	23,288	98,271	468,074	429,225	466,162	206,838	
November.....	283,334	133,405	259,905	50,314	50,308	96,603	7,577	22,833	83,937	478,041	435,705	476,442	210,317	
December.....	308,338	126,774	323,979	51,131	54,205	104,052	5,011	25,278	74,569	487,447	468,559	496,263	241,715	
Monthly average.....	249,259	126,857	338,713	47,570	46,574	88,801	10,652	⁴ 18,589	80,599	370,934	375,834	517,054	298,773	
1948														
January.....	303,729	133,014	350,455	52,165	54,977	119,008	1,128	23,437	79,030	510,744	457,045	532,041	249,963	
February.....	259,249	115,479	370,752	46,419	53,084	122,138	700	20,050	67,517	439,520	402,240	591,356	267,968	
March.....	225,778	115,562	374,246	45,658	56,441	130,876	857	19,269	59,168	406,284	424,330	588,018	304,414	
April.....	222,775	107,524	395,983	44,973	51,816	127,182	1,730	15,517	54,659	351,255	380,342	550,289	291,853	
May.....	238,567	115,714	414,568	46,630	47,130	125,687	5,085	16,986	60,655	330,425	348,998	519,376	251,792	
June.....	267,109	122,169	433,628	51,782	52,255	130,221	16,636	17,716	66,388	316,930	352,964	459,296	226,716	
July.....	214,818	84,326	449,519	47,623	29,580	149,491	22,128	14,543	78,327	307,589	277,954	466,780	200,144	
August.....	189,362	113,588	376,733	43,026	47,305	142,652	28,509	18,683	89,522	304,839	322,308	441,652	149,369	
September.....	186,360	113,036	326,379	41,991	50,470	129,790	26,423	18,721	93,124	407,295	368,528	456,008	129,586	
October.....	221,373	121,757	288,502	47,101	51,534	119,385	13,647	20,272	98,063	497,754	435,190	521,621	151,960	
November.....	297,941	120,073	311,123	50,799	47,025	113,008	6,936	17,925	118,589	531,151	446,103	607,494	211,567	
December.....	340,630	118,004	401,906	53,144	49,479	104,315	6,960	16,220	134,450	531,784	454,765	692,652	279,202	
Monthly average.....	247,308	115,021	374,483	47,609	49,258	126,146	10,895	⁴ 18,278	83,291	411,298	389,231	535,549	226,211	
1949														
January.....	⁵ 362,887	⁵ 98,699	⁵ 468,958	⁵ 52,946	⁵ 55,529	⁵ 111,489	2,409	14,036	108,541	508,263	431,928	773,441	389,469	
February.....	304,683	96,503	489,058	50,109	45,023	107,537	689	10,731	104,405	450,477	412,299	817,920	414,111	
March.....	306,947	111,440	446,760	51,138	48,539	109,933	949	13,396	88,713	471,556	447,571	824,224	429,083	
April.....	270,742	94,188	408,634	46,852	43,564	110,882	1,217	9,653	80,946	384,076	402,811	791,837	406,436	
May.....	272,192	109,734	368,929	49,170	38,425	113,706	5,323	10,753	78,176	378,302	381,786	733,426	377,909	
June.....	275,069	105,501	319,521	50,505	41,590	124,927	14,512	12,377	78,442	382,735	368,137	739,296	318,502	
July.....	254,842	61,995	322,974	45,702	32,951	129,265	17,615	11,126	69,511	340,269	306,574	732,423	266,378	
August.....	264,394	120,157	292,421	46,753	41,895	124,518	20,326	12,823	79,062	362,455	379,950	718,223	188,297	
September.....	248,888	119,530	265,758	44,706	46,031	117,852	24,583	17,667	92,245	464,371	417,109	775,980	171,485	
October.....	288,318	117,533	240,962	48,110	42,016	116,477	27,329	20,865	102,849	599,815	481,105	856,337	231,554	
November.....	338,009	106,641	251,195	54,861	42,911	112,412	8,771	15,364	94,776	600,482	502,117	965,593	291,339	
December.....	379,026	96,228	316,248	55,935	43,794	111,379	10,042	14,777	106,261	552,976	463,517	1,045,725	345,551	
Monthly average.....	297,166	103,179	349,285	49,732	43,522	115,865	11,147	13,631	90,327	457,981	416,242	814,535	319,176	
1950														
January.....	363,933	111,714	360,842	53,954	42,005	113,753	4,833	15,236	103,076	541,351	474,637	1,074,267	385,591	
February.....	288,055	103,724	344,466	48,962	40,593	111,321	493	15,438	87,502	470,789	450,105	1,058,209	403,714	
March.....	317,265	122,437	350,904	53,289	42,437	113,951	524	19,543	90,827	478,095	484,317	1,050,999	398,450	
April.....	287,983	104,256	375,930	50,510	38,742	123,683	481	15,280	82,478	422,807	406,047	1,069,305	423,148	
May.....	298,594	101,937	394,479	52,369	43,595	122,910	3,649	14,682	69,944	388,104	397,514	1,019,974	392,063	
June.....	299,189	96,559	388,296	53,266	40,163	122,920	17,506	13,990	⁶ 48,093	354,366	374,985	⁶ 758,299	363,127	
July.....	255,357	74,577	346,257	45,750	30,615	118,590	23,113	14,401	⁶ 49,440	367,703	330,131	⁶ 786,612	296,887	
August.....	272,295	130,289	297,756	52,262	46,888	110,950	24,486	18,145	⁶ 59,821	381,118	455,550	⁶ 736,354	214,049	
September.....	260,795	127,332	240,930	50,521	50,042	94,200	22,517	18,152	⁶ 75,917	430,524	430,077	⁶ 825,399	189,396	
October.....	300,360	129,658	221,073	53,751	58,114	86,676	22,961	20,467	⁶ 68,503	560,274	497,334	⁶ 884,304	215,669	
November.....	354,641													

CHEMICALS AND ALLIED PRODUCTS—FATS, OILS, OILSEEDS, AND BYPRODUCTS—Continued

YEAR AND MONTH	VEGETABLE OILS AND RAW MATERIALS													
	Vegetable oils				Copra				Coconut or copra oil					
	Exports ¹	Imports ²			Con- sump- tion, fac- tory ³	Stocks, end of month ³	Imports ⁴	Production ³		Consumption, factory ³		Stocks, end of month ³		Imports ⁴
		Total	Paint oils	All other vege- table oils				Crude	Refined	Crude	Refined	Crude	Refined	
Thousands of pounds	Short tons			Thousands of pounds										
1935 monthly average...	3,840	121,636	18,218	105,418	16,769	⁵ 30,064	18,922	21,070	30,322	45,170	33,660	⁵ 117,973	⁵ 26,815	29,450
1936 monthly average...	4,678	114,621	21,365	93,255	17,167	⁵ 18,660	15,145	21,532	30,986	51,814	29,361	⁵ 98,239	⁵ 16,364	26,839
1937 monthly average...	3,476	133,357	18,542	114,814	17,511	⁵ 26,191	22,406	22,220	22,339	37,837	19,994	⁵ 113,989	⁵ 11,962	28,115
1938 monthly average...	3,275	87,296	12,058	75,237	18,956	⁵ 46,774	21,376	23,904	26,277	48,181	24,348	⁵ 194,500	⁵ 13,051	30,328
1939 monthly average...	7,972	80,983	12,410	68,573	18,091	⁵ 31,217	17,919	22,773	24,084	48,971	19,209	⁵ 201,791	⁵ 12,348	28,066
1940 monthly average...	10,491	70,732	10,329	60,404	23,025	⁵ 39,195	25,640	28,933	24,581	49,985	18,613	⁵ 212,778	⁵ 14,425	30,890
1941 monthly average...	11,547	73,077	7,254	65,824	21,281	⁵ 33,291	23,736	26,510	30,237	59,811	23,590	⁵ 187,790	⁵ 15,965	33,778
1942 monthly average...	11,015	22,488	3,198	19,290	7,354	⁵ 7,993	5,920	9,254	8,147	16,546	6,843	⁵ 131,084	⁵ 9,928	3,604
1943 monthly average...	38,684	23,901	5,728	18,174	9,246	⁵ 14,204	9,884	11,935	5,498	16,173	6,025	⁵ 155,799	⁵ 4,422	3,581
1944 monthly average...	35,514	29,096	6,596	22,500	8,283	⁵ 7,298	7,901	10,642	6,343	17,014	6,659	⁵ 109,488	⁵ 3,142	4,313
1945 monthly average...	9,381	28,186	7,449	20,748	9,884	⁵ 10,900	9,860	12,594	4,905	12,686	5,224	⁵ 123,360	⁵ 2,119	2,831
1946 monthly average...	13,902	18,920	12,767	6,153	23,172	⁵ 26,012	32,891	29,087	12,556	27,157	11,692	⁵ 103,058	⁵ 6,652	196
1947														
January.....	27,101	31,942	27,274	4,668	56,069	89,781	74,963	68,990	30,909	62,896	24,973	86,958	12,507	1,088
February.....	5,644	46,545	31,314	15,231	52,074	74,101	51,285	64,767	32,749	64,172	27,861	97,434	13,954	1,822
March.....	7,011	32,697	21,737	10,960	59,163	72,777	72,319	74,211	36,581	74,396	31,253	115,753	13,202	5,549
April.....	7,291	36,677	28,343	8,333	59,214	77,541	61,925	74,043	35,720	72,243	31,108	129,758	14,385	813
May.....	13,654	54,542	43,672	10,870	53,347	59,714	61,004	68,398	33,020	70,339	29,071	138,427	19,065	2,394
June.....	25,855	52,306	37,754	14,553	52,368	44,308	51,346	66,074	28,611	61,600	27,674	134,962	12,983	3,225
July.....	14,540	26,669	18,206	8,461	45,330	42,300	18,644	57,903	30,466	61,987	24,084	127,938	14,433	1,767
August.....	16,744	10,744	2,121	8,623	40,731	26,861	31,340	51,902	34,228	69,606	32,962	105,910	10,736	866
September.....	25,569	19,106	3,921	15,185	41,920	23,910	48,297	53,609	33,498	72,343	30,165	89,241	11,183	(⁵)
October.....	19,525	5,462	2,801	2,661	47,857	23,077	53,485	61,982	35,423	79,649	29,973	70,110	10,246	0
November.....	27,948	23,661	13,208	10,453	49,526	26,059	67,222	63,162	35,088	73,161	26,964	95,581	10,025	956
December.....	34,619	32,474	17,008	15,465	60,511	41,611	85,829	77,238	33,225	76,851	28,327	69,654	11,823	5,080
Monthly average.....	18,792	31,069	20,613	10,455	51,509	50,170	56,472	65,190	33,293	69,937	26,701	102,144	12,879	1,963
1948														
January.....	736,584	34,628	11,651	22,977	61,796	37,259	56,167	81,371	37,233	85,263	29,387	75,635	12,820	11,593
February.....	14,745	40,502	21,847	18,655	53,135	35,392	55,546	67,737	28,361	68,349	24,685	86,495	10,577	3,848
March.....	21,790	32,646	10,270	22,376	50,194	36,471	51,513	64,280	31,299	67,998	23,640	96,592	11,947	9,598
April.....	16,409	29,596	10,531	19,065	40,136	28,625	34,349	51,137	27,771	58,297	23,010	99,074	12,183	7,694
May.....	25,778	30,256	9,266	20,991	35,102	22,659	27,644	45,362	26,935	58,521	23,674	101,277	14,285	6,428
June.....	19,890	25,708	9,697	16,011	31,797	21,868	40,991	40,456	29,859	57,336	26,297	85,764	12,360	6,528
July.....	14,353	25,931	15,888	10,043	23,530	25,145	24,916	29,945	21,890	40,254	16,262	76,109	11,605	2,991
August.....	11,981	23,799	7,390	16,409	32,561	16,638	41,894	41,408	28,998	54,936	23,911	70,135	11,261	5,419
September.....	7,945	32,184	14,429	17,756	23,553	16,581	17,757	30,003	24,611	50,167	21,134	54,821	11,024	7,024
October.....	10,776	40,967	19,028	21,939	21,356	14,864	19,049	27,554	23,682	47,085	19,531	39,079	11,902	8,569
November.....	9,682	31,329	7,946	23,382	27,377	5,265	20,676	35,185	19,688	43,766	21,264	44,159	8,817	14,475
December.....	19,767	61,350	16,855	44,495	33,343	26,359	58,361	42,658	21,203	47,392	21,841	52,293	8,976	24,930
Monthly average.....	17,475	34,075	12,900	21,175	36,157	23,944	37,405	46,425	26,794	55,947	22,886	73,619	11,480	9,091
1949														
January.....	16,397	33,834	11,335	22,499	29,959	20,574	21,824	36,454	21,453	43,618	19,962	73,280	9,986	10,049
February.....	29,596	30,545	11,492	19,053	17,624	19,559	20,638	23,014	20,545	38,591	17,838	63,978	11,423	6,950
March.....	47,741	23,126	5,739	17,387	25,148	16,618	26,006	32,682	21,522	42,566	22,533	64,224	7,893	7,796
April.....	97,268	8,827	2,802	6,025	19,754	14,337	22,677	25,762	28,162	46,904	25,224	47,880	8,805	2,330
May.....	115,017	13,955	2,168	11,787	30,203	15,536	32,655	38,933	24,473	42,585	22,827	56,132	9,063	7,852
June.....	60,173	24,378	1,609	22,769	36,773	15,034	40,940	47,231	25,022	44,905	24,883	71,318	8,477	8,442
July.....	71,885	32,589	2,811	29,778	26,914	12,769	27,909	34,366	23,139	36,014	19,689	82,365	8,728	14,512
August.....	31,179	31,096	4,505	26,592	34,932	10,010	38,594	44,961	29,168	53,219	28,147	83,124	6,723	14,485
September.....	29,544	38,513	4,925	33,588	38,306	8,333	51,251	48,892	30,374	54,538	26,248	101,042	7,945	17,020
October.....	36,575	28,785	10,616	18,169	46,206	18,710	60,027	58,979	29,169	55,248	25,914	112,977	8,283	8,442
November.....	71,986	36,906	11,689	25,217	43,723	21,998	52,913	55,482	25,363	48,532	23,287	134,570	8,676	12,409
December.....	54,344	22,024	5,535	16,489	33,180	22,328	32,798	42,726	24,304	45,222	22,344	141,073	9,016	6,015
Monthly average.....	55,142	27,048	6,269	20,780	31,894	16,317	35,686	40,957	25,225	45,995	23,208	85,997	8,752	9,692
1950														
January.....	60,199	22,177	1,803	20,374	36,640	23,784	44,905	46,743	22,515	43,763	20,617	167,154	9,893	11,847
February.....	62,747	25,344	3,869	21,475	25,515	17,725	27,160	32,381	21,358	40,787	20,708	167,888	8,446	10,729
March.....	77,755	26,146	6,456	19,690	24,724	21,074	27,903	31,179	23,268	46,571	22,592	165,462	7,899	7,152
April.....	56,562	33,189	11,698	21,491	28,099	18,042	29,092	36,169	23,393	43,234	21,394	167,106	6,889	7,787
May.....	68,105	43,682	8,883	34,799	28,757	13,194	31,976	36,654	26,247	47,923	21,420	170,014	8,997	12,260
June.....	38,327	40,639	10,389	30,250	27,134	10,342	26,064	34,211	22,909	39,642	21,673	(⁵)	7,756	9,724
July.....	32,421	33,922	9,988	23,934	21,050	16,295	36,449	26,668	20,727	35,324	17,639	(⁵)	7,968	4,767
August.....	17,627	52,839	14,530	38,309	37,356	14,968	43,286	48,420	30,529	53,311	26,798	(⁵)	6,286	9,586
September.....	40,406	65,112	19,834	45,277	40,929	16,417	52,213	53,167	30,744	52,888	27,246	⁵ 44,709	6,975	9,390
October.....	47,330	62,848	15,022	47,827	45,619	17,740	52,841	60,334	33,316	56,479	28,553	⁵ 61,989	8,962	24,248
November.....	41,546	46,535	12,406	34,129	35,393	27,890	55,996	46,555	26,559	47,343	23,262	⁵ 64,536	10,276	11,538
December.....	63,350	55,328	11,048											

CHEMICALS AND ALLIED PRODUCTS—FATS, OILS, OILSEEDS, AND BYPRODUCTS—Continued

YEAR AND MONTH	VEGETABLE OILS, OILSEEDS, AND BYPRODUCTS														
	Cottonseed ¹			Cottonseed cake and meal ¹		Cottonseed oil ¹							Flaxseed		
	Receipts at mills	Con- sump- tion (crush)	Stocks at mills, end of month	Produc- tion	Stocks at mills, end of month	Crude ¹		Refined					Produc- tion (crop esti- mate for the year) ⁵	Oil mills ²	
						Produc- tion	Stocks, end of month	Produc- tion ¹	Consumption, factory		Stocks, end of month ¹	Price, whole- sale, summer, yellow, prime (N.Y.) ⁴		Con- sump- tion	Stocks, end of month
									Total ²	In oleo- marga- rine ³					
Thousands of short tons			Short tons		Thousands of pounds							Dollars per lb.	Thousands of bushels		
1935 monthly average...	298	320	468	145,284	269,022	98,670	78,230	90,822	103,939	8,292	445,490	0.104	14,914	2,178	2,709
1936 monthly average...	378	344	531	155,832	192,359	103,941	92,001	96,952	101,155	9,009	393,047	.098	5,331	2,005	2,401
1937 monthly average...	477	443	686	199,054	125,391	135,518	101,898	121,328	131,176	14,468	457,819	.092	7,070	2,831	2,921
1938 monthly average...	420	445	933	199,879	264,682	139,806	128,195	130,163	116,547	11,905	513,178	.079	8,032	1,892	2,256
1939 monthly average...	349	365	659	165,540	182,794	115,816	139,841	109,513	103,534	8,221	563,284	.066	19,606	2,406	3,933
1940 monthly average...	337	328	492	148,023	140,056	106,183	129,313	100,363	100,718	9,662	510,010	.062	30,924	2,630	5,155
1941 monthly average...	365	364	707	160,167	245,940	115,965	116,543	109,397	113,147	12,494	355,697	.104	32,133	3,738	8,149
1942 monthly average...	380	371	714	163,109	228,173	115,489	110,840	107,475	102,753	13,870	306,880	.139	40,976	4,155	8,618
1943 monthly average...	341	352	714	159,822	47,030	109,378	95,311	103,430	110,494	21,009	244,004	.140	50,009	3,994	8,872
1944 monthly average...	337	302	730	139,853	57,876	94,372	90,828	88,494	89,369	17,917	273,126	.142	21,665	4,073	8,692
1945 monthly average...	277	338	682	152,648	72,108	106,072	100,876	99,452	90,152	21,166	295,083	.143	34,557	2,215	3,413
1946 monthly average...	266	258	469	113,461	56,999	80,494	72,968	74,650	85,764	18,568	282,715	.183	22,585	2,406	3,129
1947															
January.....	149	417	767	183,468	160,033	130,986	104,119	113,694	108,454	30,116	170,988	.302	1,790	2,024	
February.....	95	294	568	129,919	159,724	92,140	88,171	106,518	81,677	28,008	185,390	.350	1,519	1,414	
March.....	43	212	399	93,077	128,193	68,382	72,546	80,781	72,535	24,474	191,688	.389	1,600	1,079	
April.....	19	162	256	69,749	127,171	52,743	48,039	74,345	52,218	14,485	211,855	.314	1,560	980	
May.....	11	104	163	45,879	117,052	34,925	33,979	45,388	35,104	12,981	217,849	.256	1,335	855	
June.....	14	69	108	30,477	87,958	23,341	19,990	35,517	44,618	16,409	204,106	.241	1,687	1,457	
July.....	65	74	100	33,980	46,941	24,212	15,191	26,410	56,313	20,006	171,094	.234	1,641	1,892	
August.....	167	102	165	46,971	26,722	31,032	19,202	25,216	73,129	20,115	116,241	.179	1,341	2,526	
September.....	790	350	605	158,352	38,424	105,641	56,980	55,933	74,752	27,891	91,817	.224	2,410	5,720	
October.....	1,529	650	1,484	302,794	62,021	198,851	96,256	145,297	119,562	41,554	108,135	.237	3,028	6,815	
November.....	612	587	1,509	271,704	70,183	179,183	110,229	158,969	129,816	44,146	132,055	.276	3,174	6,900	
December.....	485	571	1,423	264,506	74,760	175,731	110,827	161,447	127,104	42,368	152,986	.289	2,319	6,559	
Monthly average.....	332	299	629	135,906	91,599	93,097	64,627	85,793	81,274	26,879	162,850	.274	40,536	1,950	3,185
1948															
January.....	210	521	1,113	240,489	71,485	163,270	121,951	141,988	125,526	46,718	154,972	.299	2,930	6,290	
February.....	74	412	775	191,599	85,082	130,415	117,296	119,504	107,737	42,779	161,724	.246	2,595	5,800	
March.....	53	326	502	154,755	85,726	105,395	87,882	125,823	105,696	38,728	181,635	.261	2,309	4,879	
April.....	22	204	320	94,575	92,874	67,059	58,100	90,567	96,628	37,364	167,952	.305	2,442	3,843	
May.....	16	149	187	68,558	101,492	48,150	43,117	59,819	91,257	40,050	126,901	.371	2,737	3,234	
June.....	22	115	94	54,792	94,428	38,514	32,591	47,843	67,909	31,350	110,912	.356	3,156	4,185	
July.....	92	96	89	49,257	83,406	32,362	22,834	35,680	46,837	20,314	97,549	.290	3,798	6,112	
August.....	382	176	295	82,368	74,254	52,130	25,806	43,586	77,148	30,938	60,873	.211	3,577	6,746	
September.....	1,239	537	998	240,931	75,554	166,148	62,662	111,259	103,292	39,478	58,097	.231	3,675	8,492	
October.....	1,591	708	1,881	319,690	80,564	223,996	97,617	178,087	138,841	45,726	82,664	.215	3,098	8,538	
November.....	966	705	2,136	320,637	78,495	224,196	141,031	167,991	122,897	40,976	120,771	.221	2,981	7,076	
December.....	601	670	2,067	300,604	81,636	211,981	157,719	182,062	117,774	38,569	167,998	.199	3,178	6,477	
Monthly average.....	439	385	871	176,521	83,750	121,968	80,717	108,684	100,129	37,749	124,337	.269	54,529	3,040	5,973
1949															
January.....	212	614	1,665	272,678	100,297	195,053	190,200	156,949	130,378	44,065	201,058	.174	2,660	6,775	
February.....	115	520	1,260	231,639	92,253	167,157	198,729	141,105	122,995	38,635	220,937	.155	3,006	5,313	
March.....	94	473	881	209,422	95,907	153,918	184,759	150,595	133,361	40,819	242,512	.143	3,177	3,142	
April.....	30	325	586	143,338	95,806	107,085	168,447	119,975	124,750	32,771	236,197	.136	2,241	2,104	
May.....	19	262	343	117,678	104,700	87,873	118,896	115,419	125,584	30,432	227,587	.134	2,393	1,960	
June.....	15	197	162	85,660	88,354	65,569	76,240	97,896	138,639	32,728	186,268	.122	3,528	1,513	
July.....	117	147	132	66,340	65,949	48,656	52,233	61,255	110,959	28,882	132,766	.125	3,505	2,227	
August.....	353	207	278	94,081	52,759	64,805	40,908	71,976	142,408	37,530	72,590	.158	3,985	4,932	
September.....	1,248	585	941	253,635	98,076	184,228	88,766	113,309	115,282	32,076	69,708	.140	3,886	8,139	
October.....	1,380	746	1,575	333,367	116,912	241,956	123,462	179,635	129,424	35,728	125,482	.129	3,468	7,553	
November.....	1,319	782	2,112	353,906	123,518	251,307	163,461	194,417	144,799	36,049	177,944	.118	3,254	6,982	
December.....	444	672	1,884	308,123	142,801	216,043	182,356	180,471	133,830	41,205	226,063	.123	3,194	5,412	
Monthly average.....	446	461	985	205,822	98,111	148,638	132,371	131,925	129,368	35,910	176,593	.138	43,946	3,191	4,671
1950															
January.....	179	654	1,409	289,039	175,724	210,781	171,922	175,927	145,547	47,649	255,630	.130	2,937	5,058	
February.....	262	533	1,137	235,130	196,406	173,826	146,885	174,054	158,713	46,604	273,525	.138	2,752	3,928	
March.....	213	492	858	220,201	186,446	162,217	99,469	160,817	174,461	53,837	271,007	.153	2,576	2,554	
April.....	183	365	676	162,095	182,209	120,814	82,539	116,520	118,392	26,754	285,761	.160	2,360	1,055	
May.....	95	276	495	124,140	179,112	90,610	65,083	98,983	130,694	27,086	251,672	.170	2,209	1,384	
June.....	47	208	334	93,264	163,360	68,051	50,748	80,792	114,983	34,039	225,034	.162	3,270	2,255	
July.....	128	178	285	80,988	136,002	57,790	47,667	59,523	118,382	41,698	167,553	.176	4,119	2,195	
August.....	220	228	276	104,675	121,179	72,730	43,033	78,244	155,135	35,496	97,930	.196	2,946	2,505	
September.....	600	404	472	180,934	153,478	121,808	63,370	85,825	116,937	26,052	73,621	.205	3,963	5,111	
October.....	1,123	621	974	276,465	214,226	195,045	89,685	143,075	112,573	26,749	107,144	.208	3,469	6,177	
November.....	793	564	1,202	251,982	207,924	182,355	98,408	160,209	116,590	33,460	155,036	.237	3,549	9,362	
December.....	369	433	1,138	193,620	190,875	138,678	100,065	122,009	107,832	30,587	171,591	.237	3,648	9,007	
Monthly average.....	351	413	771	184,378	175,578	132,892	88,240	121,332	130,853	35,834	194,625	.181	39,263	3,150	4,216

For footnotes giving source of data and description of series, see pp. 247, 248.

CHEMICALS AND ALLIED PRODUCTS—FATS, OILS, OILSEEDS, AND BYPRODUCTS—Continued

YEAR AND MONTH	VEGETABLE OILS, OILSEEDS, AND RAW MATERIALS											
	Flaxseed		Linseed oil				Soybeans			Soybean oil		
	Imports ¹	Price, whole-sale, No. 1 (Minneapolis) ²	Production ³	Consumption, factory ³	Stocks at factory, end of month ³	Price, whole-sale (New York) ²	Production (crop estimate) ⁴	Consumption, factory ³	Stocks, end of month ³	Production ³		Consumption, factory, refined ³
										Crude	Refined	
	Thous. of bushels	Dollars per bu.	Thousands of pounds			Dollars per lb.	Thousands of bushels			Thousands of pounds		
1935 monthly average...	1,463	1.77	41,837	24,307	⁵ 120,805	0.094	48,601	1,026	⁵ 3,891	8,755	6,508	5,699
1936 monthly average...	1,280	1.96	37,997	25,444	⁵ 136,282	.098	33,721	2,228	⁵ 4,648	18,775	15,061	13,563
1937 monthly average...	2,336	2.12	55,425	31,268	⁵ 153,733	.108	46,164	1,809	⁵ 3,819	16,201	11,123	12,825
1938 monthly average...	1,280	1.91	36,718	24,873	⁵ 155,975	.090	61,906	2,915	⁵ 6,623	26,945	20,257	16,993
1939 monthly average...	1,336	1.84	47,042	28,748	⁵ 136,681	.092	90,141	4,094	⁵ 9,880	38,129	29,236	26,799
1940 monthly average...	985	1.79	50,521	32,185	⁵ 143,748	.095	78,045	4,773	⁵ 8,612	44,435	32,312	31,323
1941 monthly average...	1,760	1.88	72,343	44,947	⁵ 176,041	.106	107,197	5,474	⁵ 9,781	48,802	37,193	33,560
1942 monthly average...	1,144	2.47	80,021	47,385	⁵ 250,417	.132	187,524	6,916	⁵ 16,898	63,465	54,103	47,505
1943 monthly average...	885	3.05	76,454	44,683	⁵ 239,420	.151	190,133	11,560	⁵ 24,818	102,813	85,635	78,452
1944 monthly average...	895	3.08	78,047	47,625	⁵ 312,885	.152	191,958	12,077	⁵ 30,022	103,823	94,546	85,023
1945 monthly average...	316	3.11	43,834	41,323	⁵ 189,220	.155	192,076	13,185	⁵ 30,528	115,971	99,696	84,405
1946 monthly average...	283	4.21	48,325	45,004	⁵ 138,177	.197	201,275	13,615	⁵ 32,546	121,195	108,851	92,758
1947												
January.....	12	7.25	34,823	45,529	141,689	.366	.....	17,114	55,702	151,554	126,298	108,109
February.....	14	(⁶)	29,984	41,613	136,794	.378	.....	15,995	51,013	141,241	120,867	105,049
March.....	18	8.51	31,400	45,642	124,933	.395	.....	16,490	41,744	145,013	121,389	114,072
April.....	19	7.50	28,850	47,400	131,910	.394	.....	15,892	40,959	141,245	115,877	101,165
May.....	17	6.30	25,489	45,251	134,570	.376	.....	15,004	36,048	135,878	92,605	71,660
June.....	77	6.12	32,057	38,800	144,439	.325	.....	13,356	28,004	122,436	83,890	76,010
July.....	106	6.02	32,250	40,015	157,748	.302	.....	13,613	19,124	125,706	98,720	82,208
August.....	17	6.00	26,527	39,995	132,863	.291	.....	11,269	10,251	105,315	91,251	98,498
September.....	0	6.39	48,030	40,753	118,699	.303	.....	9,809	2,813	91,980	89,400	110,339
October.....	0	6.78	59,084	44,596	127,463	.318	.....	11,494	34,823	108,584	88,433	142,451
November.....	0	6.84	61,592	36,266	124,724	.324	.....	14,704	48,123	134,042	97,345	119,475
December.....	2	7.01	45,496	38,505	126,499	.346	.....	15,268	48,900	139,990	112,683	108,985
Monthly average.....	24	7.69	37,965	42,030	133,528	.343	183,558	14,167	34,792	128,582	103,230	103,168
1948												
January.....	5	7.06	57,465	39,439	134,742	.338	.....	16,506	48,617	153,267	110,913	110,854
February.....	6	6.51	51,664	38,726	142,167	.306	.....	14,931	43,617	139,722	99,320	94,256
March.....	2	6.19	46,264	41,769	136,569	.292	.....	14,758	36,894	139,336	108,829	100,493
April.....	1	6.04	48,974	40,058	134,821	.290	.....	14,219	33,574	134,343	116,152	114,296
May.....	477	6.08	54,170	41,284	132,805	.290	.....	13,247	27,447	128,596	112,696	122,481
June.....	105	6.09	63,142	45,279	138,423	.294	.....	12,681	22,986	124,125	112,433	117,559
July.....	332	6.08	76,965	39,642	151,158	.291	.....	12,570	15,840	122,811	84,615	83,622
August.....	95	6.00	72,234	43,450	166,284	.290	.....	10,742	8,003	105,283	108,965	111,682
September.....	25	6.00	73,427	42,783	180,109	.290	.....	10,276	5,417	104,230	92,790	105,576
October.....	1	6.00	60,973	38,736	191,228	.293	.....	13,943	49,231	137,769	91,761	96,057
November.....	5	6.01	58,111	31,049	211,398	.292	.....	16,154	58,349	154,757	116,910	98,433
December.....	12	6.00	62,645	31,208	226,562	.290	.....	16,677	53,416	160,081	110,908	97,984
Monthly average.....	89	6.17	60,503	39,452	162,189	.297	223,006	13,892	33,616	133,693	105,524	104,441
1949												
January.....	58	6.00	52,794	26,148	209,559	.288	.....	16,882	49,851	162,648	124,230	101,555
February.....	20	6.00	58,542	27,656	239,449	.288	.....	15,520	44,415	151,137	125,950	105,501
March.....	46	6.00	60,949	31,966	270,035	.288	.....	17,032	36,305	167,689	137,081	132,534
April.....	13	6.00	43,510	25,432	310,827	.288	.....	15,937	29,029	156,088	127,425	132,880
May.....	10	(⁶)	45,497	23,734	321,765	.288	.....	15,459	22,992	154,183	118,045	125,947
June.....	1	(⁶)	70,927	26,402	363,431	.276	.....	15,264	18,333	150,583	124,209	120,798
July.....	0	3.86	69,949	35,262	378,788	.250	.....	15,302	12,477	155,148	110,190	97,345
August.....	0	3.91	77,071	42,723	407,230	.216	.....	13,551	6,549	136,015	135,106	141,462
September.....	0	3.94	72,923	49,884	421,115	.208	.....	11,996	10,606	120,756	127,703	136,199
October.....	0	3.85	67,803	44,411	433,921	.192	.....	17,522	63,581	172,491	125,902	119,778
November.....	0	3.93	62,856	36,376	462,934	.186	.....	17,139	70,914	165,473	133,442	129,801
December.....	0	3.92	61,681	30,518	485,112	.185	.....	17,290	66,948	166,855	119,251	104,727
Monthly average.....	12	3.95	62,042	33,376	358,681	.245	230,897	15,741	36,000	154,922	125,711	120,711
1950												
January.....	0	3.95	57,066	32,292	515,697	.184	.....	16,909	59,398	165,088	130,317	117,599
February.....	2	3.88	53,469	33,619	531,932	.185	.....	15,466	54,214	153,046	118,749	111,398
March.....	(¹⁰)	3.93	50,939	39,850	548,907	.180	.....	18,112	47,991	177,518	146,063	139,881
April.....	0	4.00	47,154	38,194	564,035	.180	.....	17,198	41,674	170,251	131,913	116,186
May.....	0	4.05	43,697	42,119	539,391	.182	.....	16,880	34,735	169,001	131,848	125,688
June.....	0	4.03	63,490	44,990	551,263	.189	.....	13,913	28,478	141,705	132,235	120,525
July.....	0	3.84	82,216	50,031	569,973	.187	.....	15,637	19,315	159,261	109,087	100,548
August.....	0	3.75	57,809	65,721	561,185	.188	.....	15,416	9,003	157,026	166,442	162,308
September.....	0	3.55	77,316	58,402	561,102	.186	.....	13,634	2,484	137,695	145,546	149,258
October.....	0	3.26	68,708	54,657	556,570	.170	.....	19,570	57,878	190,723	153,276	156,275
November.....	0	3.45	72,635	51,553	591,636	.172	.....	22,799	81,201	216,217	170,013	167,065
December.....	0	3.87	74,946	49,610	609,867	.195	.....	24,687	77,163	235,609	163,893	160,038
Monthly average.....	(¹⁰)	3.80	62,454	46,753	558,508	.184	287,010	17,518	42,794	172,762	141,615	135,564

For footnotes giving source of data and description of series, see p. 248.

CHEMICALS AND ALLIED PRODUCTS—OILS, BYPRODUCTS, AND PAINTS

YEAR AND MONTH	VEGETABLE OILS AND BYPRODUCTS							PAINT SALES					
	Soybean oil			Oleomargarine			Shortenings and compounds		Paint, varnish, lacquer, and filler ^u				
	Stocks, end of month ¹		Price, whole-sale, edible (New York) ²	Production ³	Stocks (factory and warehouse), end of month ³	Price, whole-sale, vegetable, delivered (Eastern U.S.) ²	Production ¹	Stocks, end of month ¹	Total	Classified			Un-classified
	Crude	Refined								Total	Industrial	Trade	
			Thousands of pounds	Dollars per lb.	Thousands of pounds	Dollars per lb.	Thousands of pounds	Thousands of dollars					
1935 monthly average...	13,551	7,450	0.095	31,803		0.157	128,900	33,773	28,971				
1936 monthly average...	25,089	18,823	.088	32,774		.161	132,228	41,904	33,169	30,108	13,185	16,923	3,062
1937 monthly average...	24,351	21,078	.101	33,115		.160	132,911	44,438	34,925	31,669	13,680	17,989	3,256
1938 monthly average...	49,617	22,407	.073	32,103		.145	126,169	49,101	28,974	26,084	9,754	16,330	2,889
1939 monthly average...	41,617	31,953	.068	25,071		.145	116,963	50,354	32,876	29,821	12,008	17,812	3,055
1940 monthly average...	48,916	45,453	.072	26,700		.145	99,194	52,992	34,376	31,177	13,330	17,846	3,200
1941 monthly average...	48,058	36,941	.117	30,632		.156	117,450	49,049	46,283	41,964	18,950	23,014	4,319
1942 monthly average...	75,205	61,239	.148	35,479		.202	108,346	52,557	44,145	39,385	17,678	21,707	4,760
1943 monthly average...	112,041	83,491	.149	51,179		.204	119,804	46,799	47,385	42,842	20,742	22,100	4,543
1944 monthly average...	115,579	103,877	.151	49,018		.204	113,629	56,242	51,527	46,432	21,919	24,513	5,096
1945 monthly average...	99,429	82,000	.154	51,169		.204	120,072	43,013	53,702	48,116	22,501	25,616	5,586
1946 monthly average...	132,827	89,345	.187	47,710		.231	120,875	44,678	66,242	59,416	24,350	35,066	6,826
1947													
January.....	97,376	70,934	.323	67,942		.305	130,961	51,427	83,989	74,411	32,203	42,207	9,578
February.....	96,908	74,396	.345	67,750		.314	128,484	48,320	81,446	73,087	29,779	43,309	8,358
March.....	94,161	74,054	.401	70,012		.361	138,043	51,185	91,904	81,810	32,370	49,440	10,094
April.....	89,505	91,660	.351	46,757		.377	99,805	66,217	99,491	89,263	34,316	54,947	10,228
May.....	108,833	114,587	.268	37,809		.338	63,140	50,023	99,595	88,740	32,480	56,261	10,854
June.....	122,767	128,122	.244	41,414		.333	78,887	63,091	92,634	82,973	31,741	51,232	9,661
July.....	125,686	141,760	.227	48,898		.333	79,921	47,176	86,700	77,874	30,018	47,856	8,825
August.....	105,940	141,209	.209	50,043		.333	99,727	45,937	84,951	76,956	31,073	45,883	7,995
September.....	79,932	124,183	.233	67,447		.295	117,849	36,436	86,312	76,662	31,607	45,055	9,650
October.....	80,648	76,814	.264	87,025		.315	159,777	42,063	91,443	82,459	34,970	47,489	8,984
November.....	84,450	59,644	.312	81,822		.322	146,035	45,198	71,199	64,200	28,623	35,577	6,999
December.....	77,674	64,422	.326	79,021		.343	131,863	53,464	68,914	62,213	29,688	32,526	6,700
Monthly average.....	96,990	96,815	.292	62,162		.331	114,541	50,045	86,548	77,554	31,572	45,982	8,994
1948													
January.....	86,931	64,036	.326	87,936		.343	141,304	54,583	88,011	78,775	31,744	47,030	9,237
February.....	104,791	71,745	.262	80,423		.343	104,570	64,646	78,943	71,266	30,185	41,081	7,677
March.....	114,860	84,850	.269	71,835		.343	112,563	60,182	92,651	83,368	35,741	47,627	9,283
April.....	98,673	89,874	.298	76,050		.348	129,468	52,083	97,693	88,447	34,261	54,186	9,246
May.....	87,025	88,094	.322	83,964		.363	124,225	57,559	99,076	89,531	31,909	57,622	9,545
June.....	65,366	80,321	.330	75,869		.363	120,908	76,910	103,697	93,383	34,569	58,814	10,314
July.....	77,540	70,649	.292	52,571		.363	81,338	72,938	88,800	80,234	31,013	49,221	8,566
August.....	54,623	63,708	.278	73,339		.351	113,666	62,010	94,355	85,994	34,706	51,287	8,362
September.....	44,953	51,257	.294	80,450		.343	123,423	50,375	91,408	81,768	34,464	47,304	9,640
October.....	62,982	48,709	.259	79,726		.323	125,491	53,280	81,759	74,048	31,590	42,459	7,711
November.....	77,554	69,271	.250	72,413		.315	134,629	52,726	71,778	65,116	29,864	35,252	6,662
December.....	101,100	86,573	.237	73,476		.303	129,328	66,512	65,824	59,386	28,797	30,589	6,438
Monthly average.....	81,367	72,424	.284	75,671		.342	120,076	60,317	87,833	79,276	32,404	46,873	8,557
1949													
January.....	132,105	110,329	.209	81,456	13,251	.283	114,917	74,143	76,871	69,763	27,929	41,833	7,108
February.....	138,635	121,387	.173	76,061	13,691	.269	112,150	70,850	70,283	64,061	26,166	37,895	6,222
March.....	129,668	126,853	.154	80,120	14,982	.256	125,607	72,800	83,937	75,751	30,168	45,583	8,186
April.....	102,253	115,635	.158	65,665	13,956	.229	120,016	80,436	86,017	77,634	28,455	49,179	8,384
May.....	86,757	103,919	.154	59,725	11,196	.224	126,348	84,851	89,072	79,902	27,773	52,129	9,170
June.....	82,793	93,928	.141	63,610	11,235	.224	122,654	85,821	88,506	79,587	29,052	50,535	8,919
July.....	90,881	92,807	.142	56,132	11,460	.224	83,796	64,438	73,997	67,394	25,723	41,671	6,602
August.....	71,925	76,384	.175	79,034	11,041	.248	157,137	52,851	87,685	79,148	30,800	48,348	8,537
September.....	56,223	56,790	.157	74,428	13,853	.249	134,290	59,315	84,217	75,293	30,218	45,076	8,923
October.....	67,314	55,410	.145	75,539	15,279	.224	123,619	62,860	75,960	68,757	28,597	40,159	7,203
November.....	69,405	57,976	.142	73,043	14,117	.224	140,406	61,889	67,022	60,613	25,226	35,387	6,409
December.....	90,116	59,985	.148	76,948	13,027	.224	126,224	81,722	57,340	51,957	23,481	28,476	5,383
Monthly average.....	93,173	89,284	.158	71,814	13,091	.240	123,930	70,998	78,409	70,822	27,799	43,023	7,587
1950													
January.....	82,877	66,650	.150	84,247	13,219	.224	135,591	71,190	75,936	68,887	27,684	41,203	7,049
February.....	78,911	66,791	.153	81,302	12,474	.224	145,489	66,407	70,873	64,640	27,145	37,494	6,233
March.....	87,228	64,118	.168	95,321	17,561	.236	161,722	71,708	87,169	79,098	32,250	46,847	8,071
April.....	101,386	71,651	.171	53,830	15,776	.244	126,516	83,553	87,605	79,348	30,935	48,413	8,257
May.....	91,462	74,809	.177	56,583	12,064	.244	144,761	103,734	103,246	93,434	35,175	58,259	9,812
June.....	88,338	77,528	.171	69,334	24,247	.244	115,440	117,648	108,910	98,634	36,719	61,915	10,276
July.....	104,423	73,394	.174	89,425	12,193	.249	101,037	71,189	99,212	89,857	33,008	56,849	9,354
August.....	75,971	67,121	.185	84,129	21,383	.264	180,280	60,544	122,629	111,165	42,161	69,004	11,465
September.....	53,358	60,116	.203	64,829	16,811	.269	156,820	71,852	103,323	93,170	38,417	54,753	10,153
October.....	65,896	51,274	.191	74,234	14,807	.264	142,215	85,962	99,384	90,366	41,114	49,252	9,018
November.....	81,162	51,045	.215	93,852	12,645	.279	155,333	81,121	87,384	79,599	37,575	42,024	7,785
December.....	99,828	54,237	.250	89,959	14,150	.294	144,092	103,583	82,117	74,474	35,111	39,363	7,643
Monthly average.....	84,237	64,895	.185	78,087	15,611	.253	142,441	82,374	93,982	85,223	34,775	50,448	8,760

For footnotes giving source of data and description of series, see p. 248.

CHEMICALS AND ALLIED PRODUCTS—SYNTHETIC PLASTICS AND RESIN MATERIALS

YEAR AND MONTH	PRODUCTION (OR SHIPMENTS) ¹										
	Cellulose acetate and mixed ester plastics ²		Nitro-cellulose, sheets, rods, and tubes ²	Other cellulose plastics ²	Phenolic and other tar acid resins ²	Poly-styrene ⁴	Urea and melamine resins ⁵	Vinyl resins ⁶	Alkyd resins ⁷	Resin modifications ⁸	Miscellaneous ⁹
	Sheets, rods, and tubes	Molding and extrusion materials									
1935 monthly average ..	843	.....	1,285	.....	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	1,022	.....	1,353	.....	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	1,088	.....	1,447	.....	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	565	555	887	.....	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ..	737	882	1,061	.....	.....	.....	.....	.....	.....	.....	.....
1940 monthly average ..	696	1,123	993	.....	.....	.....	.....	.....	.....	.....	.....
1941 monthly average ..	536	2,399	1,403	.....	.....	.....	.....	.....	.....	.....	.....
1942 monthly average ..	565	3,233	1,337	.....	.....	.....	.....	.....	.....	.....	.....
1943 monthly average ..	840	3,518	1,211	.....	.....	.....	.....	.....	.....	.....	.....
1944 monthly average ..	733	4,358	1,340	.....	.....	.....	.....	.....	.....	.....	.....
1945 monthly average ..	1,158	5,094	1,302	.....	.....	1 ² 2,052	.....	1 ² 7,886	.....	.....	.....
1946 monthly average ..	1,655	6,934	1,513	1,015	20,139	5,564	1 ² 4,805	12,724	.....	.....	1 ² 8,082
1947											
January.....	1,920	7,657	1,597	585	26,880	7,432	6,045	17,332	.....	.....	8,256
February.....	1,481	7,081	1,319	451	23,369	6,969	6,668	13,623	.....	.....	7,907
March.....	1,610	6,461	1,229	318	26,746	6,561	6,439	16,998	.....	.....	8,085
April.....	1,762	5,357	1,329	331	26,230	7,096	6,401	16,316	.....	.....	8,322
May.....	1,689	4,317	1,052	(15)	27,377	6,854	6,218	13,126	.....	.....	6,435
June.....	1,682	3,715	931	(15)	27,736	5,955	5,761	11,546	.....	.....	5,891
July.....	1,410	2,779	892	(15)	25,930	5,688	5,652	11,573	.....	.....	5,819
August.....	1,479	3,404	903	(15)	26,000	7,075	5,578	12,917	.....	.....	5,567
September.....	1,284	4,153	921	(15)	27,262	8,381	5,839	15,125	.....	.....	8,032
October.....	1,799	5,105	1,040	(15)	28,129	10,931	6,836	18,040	.....	.....	7,388
November.....	1,462	4,666	832	(15)	25,719	10,593	6,115	16,837	.....	.....	7,120
December.....	1,343	3,830	842	(15)	27,662	11,456	6,739	20,404	.....	.....	7,157
Monthly average.....	1,577	4,877	1,074	1 ⁵ 421	26,587	7,916	6,191	15,320	.....	.....	7,165
1948											
January.....	1,285	4,461	865	747	28,749	10,226	6,824	19,554	.....	.....	7,677
February.....	1,321	3,733	930	652	26,701	8,382	6,772	17,634	.....	.....	7,800
March.....	1,354	3,960	999	769	30,594	12,718	7,116	19,037	.....	.....	8,639
April.....	1,568	3,877	1,071	974	26,356	12,189	6,561	19,198	.....	.....	8,219
May.....	1,458	3,630	866	1,024	20,716	10,777	(15)	15,946	.....	.....	8,490
June.....	1,066	3,434	794	(15)	20,283	11,798	(15)	15,188	.....	.....	9,008
July.....	1,172	3,636	676	258	20,740	9,339	(15)	14,996	.....	.....	8,702
August.....	1,545	4,097	835	515	24,928	11,750	(15)	18,128	.....	.....	7,851
September.....	1,622	4,475	846	835	27,579	13,993	(15)	20,993	.....	.....	8,509
October.....	1,947	4,781	936	1,209	24,982	16,520	(15)	21,872	.....	.....	8,913
November.....	1,690	4,495	806	873	23,101	14,398	(15)	21,235	.....	.....	9,675
December.....	1,745	3,951	752	1,034	21,588	13,209	(15)	20,110	.....	.....	10,247
Monthly average.....	1,481	4,044	865	1 ⁵ 808	24,693	12,108	1 ⁵ 6,818	18,658	.....	.....	8,644
1949											
January.....	1 ⁷ 1,826	1 ⁷ 4,077	1 ⁷ 810	1 ⁷ 784	1 ⁷ 21,428	1 ⁷ 12,830	1 ⁷ 10,868	1 ⁷ 22,467	1 ⁷ 16,918	1 ⁷ 7,279	1 ⁷ 18,115
February.....	1,521	4,322	691	890	20,195	14,920	10,641	19,065	15,242	7,098	17,095
March.....	1,563	4,548	728	1,010	20,585	17,257	9,248	22,219	16,038	7,848	16,084
April.....	1,329	4,610	750	1,022	18,260	17,548	8,500	23,613	16,069	8,182	14,547
May.....	1,650	3,449	754	709	14,828	16,331	8,049	20,407	17,853	7,516	14,162
June.....	1,242	4,303	626	176	14,952	15,029	7,931	20,636	19,149	7,584	14,625
July.....	1,332	3,431	372	433	11,232	15,905	6,273	18,853	17,304	6,631	14,877
August.....	1,405	4,626	517	113	17,834	19,749	9,569	23,663	19,258	8,103	16,646
September.....	1,530	5,798	431	712	22,569	20,723	10,299	29,098	21,114	9,912	19,399
October.....	2,138	6,904	453	749	25,056	22,156	13,239	31,786	20,787	10,728	18,896
November.....	1,962	5,183	440	950	28,684	20,901	13,568	33,503	20,619	9,777	18,709
December.....	1,674	4,638	485	972	25,811	20,137	13,389	33,036	17,902	8,086	18,861
Monthly average.....	1,598	4,657	588	710	1 ⁸ 20,870	1 ⁸ 18,541	1 ⁸ 9,644	1 ⁸ 25,185	18,188	8,229	1 ⁸ 18,915
1950											
January.....	1,938	5,387	546	825	27,499	20,332	12,989	33,111	18,825	8,486	21,096
February.....	1,875	5,399	546	1,168	27,453	20,242	12,522	31,429	21,223	8,479	20,009
March.....	1,883	6,405	650	1,198	32,334	27,032	13,205	37,662	25,624	10,156	20,759
April.....	2,144	6,301	587	926	29,978	24,555	11,434	35,946	21,864	9,138	19,642
May.....	1,980	6,518	650	898	31,910	25,441	14,581	35,510	24,625	9,809	22,331
June.....	2,072	6,603	628	817	32,415	25,170	15,059	32,596	25,539	9,500	21,772
July.....	2,397	7,240	563	830	25,901	26,570	13,505	34,376	22,760	9,348	21,567
August.....	2,585	8,389	798	1,111	38,128	27,993	17,994	36,142	25,806	12,832	23,989
September.....	2,719	7,248	638	1,150	36,905	29,377	16,237	35,138	25,718	10,738	24,893
October.....	2,831	8,643	711	1,329	36,367	29,658	16,658	39,036	26,614	12,087	26,807
November.....	2,659	6,696	706	1,069	34,529	30,110	17,602	33,731	24,161	11,683	26,890
December.....	2,812	7,069	673	815	36,227	25,398	17,178	36,772	24,218	11,118	27,428
Monthly average.....	2,325	6,825	641	1,011	1 ⁸ 32,532	25,990	1 ⁸ 14,925	1 ⁸ 35,438	1 ⁸ 23,914	1 ⁸ 10,273	1 ⁸ 22,970

For footnotes giving source of data and description of series, see pp. 248, 249.

ELECTRIC POWER AND GAS—ELECTRIC POWER

YEAR AND MONTH	PRODUCTION ¹									SALES TO ULTIMATE CONSUMERS ²			
	Total	Electric utilities					Industrial establishments			Total	Commercial and industrial		Railways and railroads
		Total	By source		By type of producer		Total	By source					
			Fuels	Water power	Privately and municipally owned utilities	Other producers		Fuels	Water power		Small light and power	Large light and power	
Millions of kilowatt-hours													
1935 monthly average ..	7,941	4,743	3,198	7,797	144	.....	.....	.....	36,466	1,132	43,405	420	
1936 monthly average ..	9,110	5,855	3,255	8,917	193	.....	.....	.....	37,504	1,301	44,055	460	
1937 monthly average ..	9,909	6,242	3,668	9,644	265	.....	.....	.....	8,280	1,506	4,280	476	
1938 monthly average ..	9,484	5,794	3,690	9,111	374	.....	.....	.....	7,811	1,595	3,595	453	
1939 monthly average ..	13,442	10,637	7,007	10,064	573	2,806	.....	.....	8,814	1,727	4,259	480	
1940 monthly average ..	14,992	11,820	7,876	10,967	853	3,172	.....	.....	9,887	1,864	4,963	492	
1941 monthly average ..	17,359	13,732	9,494	12,609	1,123	3,627	.....	.....	11,672	2,052	6,338	507	
1942 monthly average ..	19,429	15,498	10,176	13,805	1,693	3,931	.....	.....	13,284	2,269	7,365	552	
1943 monthly average ..	22,295	18,147	12,011	15,789	2,357	4,148	3,695	454	15,491	2,349	8,888	602	
1944 monthly average ..	23,294	18,016	12,854	16,291	2,725	4,278	3,865	413	16,513	2,486	9,599	611	
1945 monthly average ..	22,605	18,541	11,876	15,879	2,661	4,064	3,666	398	16,130	2,537	8,957	613	
1946 monthly average ..	22,467	18,598	12,064	15,985	2,613	3,869	3,474	395	15,900	2,751	8,240	596	
1947													
January.....	26,030	21,642	14,504	7,138	18,549	3,093	4,389	3,963	426	18,303	3,175	9,219	674
February.....	23,694	19,582	13,233	6,349	16,799	2,783	4,112	3,712	399	17,783	3,142	8,988	643
March.....	25,616	21,235	13,992	7,243	18,253	2,982	4,381	3,925	456	17,772	3,026	9,285	673
April.....	24,721	20,526	13,223	7,303	17,658	2,869	4,195	3,757	438	17,665	3,070	9,264	618
May.....	25,069	20,777	13,387	7,390	17,801	2,976	4,292	3,869	423	17,610	2,994	9,375	604
June.....	24,502	20,237	13,448	6,789	17,406	2,831	4,265	3,866	399	17,546	3,060	9,356	531
July.....	24,992	20,786	14,246	6,540	17,852	2,934	4,206	3,823	383	17,308	3,123	9,068	538
August.....	26,031	21,750	15,708	6,042	18,737	3,013	4,281	3,949	333	18,099	3,252	9,601	532
September.....	25,666	21,456	15,864	5,592	18,618	2,838	4,210	3,916	294	18,496	3,406	9,724	518
October.....	26,861	22,380	16,848	5,532	19,582	2,798	4,481	4,131	350	18,656	3,293	9,951	548
November.....	26,197	21,837	15,749	6,088	18,961	2,876	4,360	3,976	384	18,726	3,346	9,757	578
December.....	28,021	23,531	17,111	6,420	20,305	3,226	4,490	4,136	355	19,617	3,490	9,934	648
Monthly average.....	25,617	21,312	14,776	6,535	18,377	2,935	4,305	3,918	387	18,132	3,198	9,460	592
1948													
January.....	28,518	23,961	17,520	6,441	20,650	3,310	4,558	4,191	366	20,267	3,570	9,990	685
February.....	26,497	22,165	15,805	6,360	18,979	3,186	4,332	3,961	372	19,904	3,518	9,897	613
March.....	28,074	23,512	16,006	7,507	20,034	3,479	4,562	4,131	431	19,969	3,497	10,197	623
April.....	26,636	22,309	14,427	7,883	18,805	3,505	4,327	3,857	470	19,400	3,450	10,014	560
May.....	27,067	22,606	14,921	7,685	19,121	3,485	4,461	4,003	458	19,163	3,382	10,134	547
June.....	27,187	22,713	15,777	6,936	19,454	3,259	4,474	4,052	422	19,297	3,482	10,261	514
July.....	27,670	23,295	16,443	6,851	19,725	3,570	4,376	4,044	332	19,367	3,653	10,035	508
August.....	28,789	24,242	17,506	6,736	20,642	3,600	4,547	4,210	337	20,180	3,728	10,648	505
September.....	28,065	23,613	17,578	6,035	20,143	3,470	4,452	4,164	288	20,539	3,805	10,721	492
October.....	29,058	24,385	18,409	5,976	21,004	3,381	4,673	4,382	292	20,511	3,634	10,796	530
November.....	28,768	24,180	17,587	6,594	20,811	3,369	4,587	4,254	333	20,678	3,651	10,673	532
December.....	30,478	25,716	18,250	7,467	21,985	3,731	4,762	4,340	422	21,465	3,823	10,720	613
Monthly average.....	28,067	23,558	16,686	6,872	20,113	3,445	4,509	4,132	377	20,062	3,599	10,341	560
1949													
January.....	30,441	25,573	17,810	7,762	21,841	3,732	4,868	4,420	448	21,798	3,833	10,613	595
February.....	27,455	22,961	15,667	7,294	19,480	3,481	4,494	4,058	436	21,071	3,800	10,183	532
March.....	29,597	24,759	16,586	8,174	21,050	3,710	4,838	4,374	464	20,893	3,707	10,320	579
April.....	27,766	23,214	15,051	8,162	19,746	3,468	4,553	4,079	474	20,401	3,685	10,125	525
May.....	27,906	23,352	15,292	8,060	19,788	3,565	4,554	4,080	474	19,905	3,611	9,958	499
June.....	28,057	23,617	16,400	7,216	20,033	3,584	4,440	4,052	389	19,905	3,760	9,889	473
July.....	27,977	23,698	16,361	7,337	19,988	3,710	4,279	3,902	377	19,949	3,974	9,524	462
August.....	29,551	25,028	17,692	7,336	20,968	4,059	4,523	4,122	400	20,758	4,033	10,120	470
September.....	28,369	23,909	16,934	6,975	19,923	3,987	4,460	4,084	376	20,878	4,044	10,142	452
October.....	28,169	24,293	17,358	6,935	20,434	3,859	4,876	3,522	353	20,309	3,876	9,709	470
November.....	28,616	24,348	17,480	6,868	20,799	3,549	4,268	3,897	371	20,655	3,890	9,799	499
December.....	31,162	26,348	18,720	7,628	22,474	3,874	4,814	4,353	461	22,020	4,047	10,384	555
Monthly average.....	28,756	24,258	16,779	7,479	20,544	3,715	4,497	4,079	419	20,712	3,855	10,064	509
1950													
January.....	31,677	26,871	18,537	8,334	22,893	3,979	4,805	4,362	443	22,943	4,181	10,602	536
February.....	28,789	24,270	16,528	7,741	20,637	3,632	4,519	4,082	437	22,203	4,076	10,297	507
March.....	31,864	26,997	18,268	8,729	23,022	3,975	4,867	4,383	483	22,565	4,002	10,830	555
April.....	30,191	25,437	17,140	8,297	21,838	3,599	4,754	4,318	436	22,397	3,986	10,930	497
May.....	31,486	26,525	18,048	8,477	22,739	3,786	4,962	4,503	459	22,394	3,919	11,300	468
June.....	31,608	26,685	18,701	7,984	22,952	3,734	4,923	4,484	439	22,694	4,107	11,547	450
July.....	31,626	26,780	19,273	7,507	22,914	3,866	4,846	4,459	387	22,637	4,277	11,260	437
August.....	33,874	28,869	21,338	7,531	24,780	4,090	5,005	4,647	358	23,777	4,367	12,236	456
September.....	32,650	27,774	20,231	7,543	23,744	4,030	4,876	4,511	366	24,157	4,434	12,301	447
October.....	34,307	29,151	21,763	7,388	25,189	3,962	5,157	4,781	376	24,458	4,321	12,611	476
November.....	34,072	29,006	21,345	7,661	25,073	3,933	5,066	4,699	367	24,673	4,332	12,556	494
December.....	35,779	30,632	21,944	8,689	26,268	4,365	5,146	4,748	398	25,640	4,443	12,596	557
Monthly average.....	32,327	27,416	19,426	7,990	23,504	3,912	4,910	4,498	412	23,378	4,204	11,589	490

For footnotes giving source of data and description of series, see pp. 249, 250.

ELECTRIC POWER AND GAS—ELECTRIC POWER AND GAS

YEAR AND MONTH	ELECTRIC POWER						GAS					
	Sales to ultimate consumers ¹					Revenue from sales to ultimate consumers ²	Manufactured and mixed gas (quarterly) ²					
	Residential or domestic	Rural (distinct rural rates)	Street and highway lighting	Other public authorities	Inter-departmental		Customers (end of quarter)			Sales to consumers		
							Total	Residential (including house heating)	Industrial and commercial	Total	Residential (including house heating)	Industrial and commercial
Millions of kilowatt-hours					Thousands of dollars	Thousands			Millions of cubic feet			
1935 monthly average ³ ..	1,165	4 101	.....	.....	.....	159,332	10,381	9,750	626	95,695	70,075	25,050
1936 monthly average ³ ..	1,305	4 123	.....	.....	.....	170,382	10,029	9,401	622	93,384	67,531	25,240
1937 monthly average ³ ..	1,474	139	155	200	49	180,066	10,259	9,629	624	95,235	67,759	26,916
1938 monthly average ³ ..	1,614	131	161	204	57	179,715	10,322	9,667	648	94,425	67,069	26,796
1939 monthly average ³ ..	1,757	157	167	211	56	190,799	10,387	9,723	658	98,224	68,801	28,832
1940 monthly average ³ ..	1,943	166	171	227	61	203,351	10,556	9,887	663	106,317	73,447	32,217
1941 monthly average ³ ..	2,094	196	176	258	51	222,088	10,784	10,110	669	110,484	73,199	36,484
1942 monthly average ³ ..	2,245	241	172	351	90	237,987	10,968	10,298	664	119,848	77,927	40,923
1943 monthly average ³ ..	2,385	250	173	762	82	256,470	10,857	10,214	638	126,330	80,980	44,226
1944 monthly average ³ ..	2,606	281	180	705	45	273,063	11,060	10,402	654	129,882	82,731	45,943
1945 monthly average ³ ..	2,849	306	182	632	54	278,460	10,982	10,322	652	132,651	86,617	44,399
1946 monthly average ³ ..	3,214	369	189	488	52	288,297	11,148	10,453	686	138,472	92,994	43,967
1947												
January.....	4,150	289	233	511	51	326,660	11,120	10,408	704	67,080	139,578	56,986
February.....	3,960	295	204	506	46	320,174				65,418		
March.....	3,727	320	200	491	50	313,074				66,169		
April.....	3,572	421	178	494	46	310,762	11,154	10,442	703	57,502	100,676	49,137
May.....	3,437	514	165	475	46	310,025				50,472		
June.....	3,369	558	154	475	44	309,631				43,265		
July.....	3,307	606	160	459	45	305,855	10,956	10,256	691	37,709	66,761	40,516
August.....	3,332	681	175	483	44	315,590				34,466		
September.....	3,512	607	193	490	45	325,639				36,055		
October.....	3,601	498	219	499	46	328,209	10,750	10,048	694	40,890	98,229	48,318
November.....	3,876	382	234	502	51	335,687				47,460		
December.....	4,329	379	251	530	56	351,460				59,684		
Monthly average ³	3,681	463	197	493	48	321,064	10,996	10,288	698	151,543	101,311	48,739
1948												
January.....	4,777	384	248	548	66	362,407	10,651	9,945	698	69,710	142,003	60,667
February.....	4,633	429	219	534	59	357,942				71,201		
March.....	4,391	458	214	531	59	354,844				63,781		
April.....	4,159	463	188	509	57	346,889	10,437	9,759	671	50,497	89,449	47,008
May.....	3,913	452	176	504	55	341,932				45,904		
June.....	3,815	510	164	499	53	345,023				41,254		
July.....	3,823	637	170	489	53	348,380	10,348	9,682	658	35,900	62,834	41,153
August.....	3,824	732	189	502	52	356,863				33,335		
September.....	4,018	733	206	515	50	366,155				35,660		
October.....	4,172	570	233	526	50	367,712	10,422	9,741	674	41,431	93,727	47,855
November.....	4,495	487	251	540	48	375,038				47,207		
December.....	4,959	472	270	557	52	390,128				54,376		
Monthly average ³	4,248	527	210	521	55	359,443	10,465	9,782	676	147,564	97,003	49,171
1949												
January.....	5,425	459	266	560	46	398,457	10,405	9,714	684	63,214	126,425	55,490
February.....	5,269	456	233	550	48	389,489				60,716		
March.....	5,004	465	229	536	52	382,028				59,553		
April.....	4,760	532	205	522	48	374,735	10,353	9,670	676	51,291	88,463	48,107
May.....	4,464	627	190	509	46	368,670				45,175		
June.....	4,374	664	178	522	46	371,462				41,239		
July.....	4,417	825	184	516	46	375,372	10,082	9,416	659	33,936	59,102	40,433
August.....	4,422	873	202	592	46	382,149				31,565		
September.....	4,619	809	224	541	46	387,522				35,405		
October.....	4,749	626	251	581	46	383,236	10,004	9,333	664	40,792	92,795	46,648
November.....	5,032	541	272	572	49	391,007				45,186		
December.....	5,604	506	291	580	52	409,942				55,027		
Monthly average ³	4,845	615	227	549	48	384,506	10,211	9,533	671	140,775	91,696	47,670
1950												
January.....	6,276	409	287	602	49	425,325	9,763	9,092	664	59,576	128,143	54,506
February.....	6,017	405	251	597	52	416,130				59,558		
March.....	5,782	493	250	596	57	414,263				65,256		
April.....	5,521	605	221	581	55	410,076	9,617	8,960	649	56,719	93,636	51,194
May.....	5,235	634	206	581	52	407,411				48,790		
June.....	5,072	694	192	583	49	414,734				40,550		
July.....	5,034	818	200	564	46	412,437	9,154	8,537	609	30,519	55,747	41,040
August.....	4,991	874	219	589	46	421,090				28,258		
September.....	5,256	836	249	593	42	430,680				38,730		
October.....	5,482	631	280	613	42	435,286	9,127	8,505	616	38,079	87,847	45,495
November.....	5,803	522	300	625	41	440,961				41,794		
December.....	6,560	478	321	638	47	458,072				54,730		
Monthly average ³	5,586	617	248	597	48	423,872	9,415	8,774	635	140,640	91,344	48,059

For footnotes giving source of data and description of series, see p. 250.

ELECTRIC POWER AND GAS—GAS—Continued

YEAR AND MONTH	MANUFACTURED AND MIXED GAS (QUARTERLY) ¹			NATURAL GAS (QUARTERLY) ¹								
	Revenue from sales to consumers			Customers (end of quarter)			Sales to consumers			Revenue from sales to consumers		
	Total	Residential (including house heating)	Industrial and commercial	Total	Residential (including house heating)	Industrial and commercial	Total	Residential (including house heating)	Industrial and commercial	Total	Residential (including house heating)	Industrial and commercial
	Thousands of dollars			Thousands			Millions of cubic feet			Thousands of dollars		
1935 monthly average ² ..	97,320	77,712	19,165	5,493	5,026	464	252,522	65,063	186,635	84,454	48,123	36,167
1936 monthly average ² ..	93,922	74,296	19,177	6,156	5,640	513	300,094	75,430	219,746	98,666	54,759	43,162
1937 monthly average ² ..	94,449	74,251	19,807	6,361	5,852	506	321,030	78,810	235,053	105,876	57,839	46,907
1938 monthly average ² ..	94,463	73,091	21,003	6,585	6,060	522	296,157	78,783	208,808	99,852	57,649	40,526
1939 monthly average ² ..	95,857	73,660	21,789	6,760	6,222	536	324,495	85,710	232,107	107,702	60,747	46,072
1940 monthly average ² ..	100,220	76,470	23,316	7,066	6,516	548	351,515	95,611	251,316	117,714	66,870	50,309
1941 monthly average ² ..	102,679	76,911	25,275	7,365	6,817	546	392,470	96,696	290,650	125,830	66,800	58,402
1942 monthly average ² ..	108,885	80,877	27,440	7,791	7,238	551	432,201	113,501	309,870	139,695	74,791	63,877
1943 monthly average ² ..	111,702	82,854	28,216	8,231	7,648	580	489,750	119,524	359,024	154,309	79,036	73,724
1944 monthly average ² ..	114,303	84,448	29,178	8,525	7,918	605	528,429	126,178	388,771	162,738	82,236	78,584
1945 monthly average ² ..	116,977	87,357	28,668	8,914	8,295	614	538,974	137,996	379,580	169,672	89,883	76,768
1946 monthly average ² ..	123,093	92,603	29,588	9,366	8,681	678	548,737	151,532	384,482	178,201	96,652	79,515
1947												
January.....	158,493	118,894	38,391	9,848	9,092	749	255,793	305,644	414,442	274,329	175,313	95,854
February.....							245,161					
March.....							241,745					
April.....	134,399	100,084	33,417	9,881	9,145	729	228,131	165,919	417,942	199,628	106,398	90,505
May.....							192,776					
June.....							178,679					
July.....	107,736	79,584	27,532	10,220	9,490	723	169,782	78,583	423,550	151,369	60,944	87,033
August.....							175,396					
September.....							174,450					
October.....	135,000	99,794	34,284	10,808	10,000	800	187,859	190,426	435,864	222,990	120,173	98,265
November.....							207,034					
December.....							258,445					
Monthly average ²	133,907	99,589	33,406	10,189	9,432	750	628,813	185,143	422,950	212,079	115,707	92,914
1948												
January.....	175,406	129,804	44,325	11,060	10,090	961	281,950	360,216	463,707	330,219	209,546	115,185
February.....							295,867					
March.....							278,477					
April.....	136,131	100,146	35,116	11,413	10,465	938	252,869	176,162	477,881	225,331	116,210	106,146
May.....							219,332					
June.....							198,341					
July.....	111,621	80,813	30,138	11,506	10,561	935	191,603	85,110	483,445	174,812	67,934	101,973
August.....							201,011					
September.....							205,897					
October.....	142,808	104,853	37,003	11,884	10,852	1,022	219,946	210,717	523,835	264,479	135,425	123,051
November.....							254,958					
December.....							294,399					
Monthly average ²	141,492	103,904	36,646	11,466	10,492	964	723,663	208,051	487,217	248,710	132,279	111,589
1949												
January.....	175,311	129,902	44,379	11,880	10,851	1,019	314,728	390,221	516,430	362,362	226,226	131,644
February.....							319,253					
March.....							297,670					
April.....	143,376	105,733	36,827	12,235	11,180	1,045	272,432	192,701	506,189	249,402	129,028	116,375
May.....							235,471					
June.....							214,875					
July.....	112,496	81,684	29,749	12,566	11,532	1,024	194,861	91,472	497,776	185,886	75,201	105,165
August.....							200,573					
September.....							228,534					
October.....	144,379	106,943	36,405	13,210	12,072	1,128	230,431	238,906	555,867	293,085	160,525	126,922
November.....							270,767					
December.....							328,270					
Monthly average ²	143,891	106,066	36,840	12,473	11,409	1,054	776,966	228,325	519,066	272,684	147,745	120,027
1950												
January.....	174,188	129,500	43,505	13,733	12,562	1,161	372,709	447,480	606,702	439,632	278,828	156,322
February.....							349,050					
March.....							358,557					
April.....	146,139	107,005	38,225	13,941	12,783	1,143	334,239	255,373	601,037	319,382	175,734	139,144
May.....							291,268					
June.....							256,856					
July.....	108,008	77,182	30,238	14,490	13,339	1,137	242,988	108,884	597,808	229,031	92,812	130,304
August.....							249,952					
September.....							247,878					
October.....	139,521	102,147	36,455	15,076	13,830	1,231	274,673	297,143	659,976	372,223	206,351	159,895
November.....							305,697					
December.....							407,661					
Monthly average ²	141,964	103,959	37,106	14,310	13,129	1,168	922,882	277,220	616,381	340,067	188,431	146,416

For footnotes giving source of data and description of series, see p. 250.

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FOODSTUFFS AND TOBACCO—ALCOHOLIC BEVERAGES

YEAR AND MONTH	FERMENTED MALT LIQUORS ¹			DISTILLED SPIRITS								RECTIFIED SPIRITS AND WINES ²		
	Production	Tax-paid with- drawals	Stocks, end of month	Total					Whisky				Production	
				Production ²	Consumption, apparent, for beverage purposes ³	Tax-paid with- drawals ²	Stocks, end of month ²	Imports ⁴	Production ²	Tax-paid with- drawals ²	Stocks, end of month ²	Imports ⁴	Total	Whisky
Thousands of barrels ⁵	Thous. of tax gal.	Thous. of wine gal.	Thousands of tax gallons	Thous. of proof gal.	Thousands of tax gallons	Thousands of proof gallons								
1935 monthly average ..	4,001	3,762	6,733	17,818	7,473	5,815	163,665	595	15,405	5,156	156,100	487	2,249	1,466
1936 monthly average ..	4,678	4,418	7,733	23,001	10,176	7,110	312,525	1,263	20,456	6,039	302,096	1,115	3,394	2,393
1937 monthly average ..	4,855	4,644	8,381	16,798	11,279	7,223	450,058	1,349	12,973	5,861	432,851	1,197	3,760	2,770
1938 monthly average ..	4,469	4,284	8,353	12,188	10,574	7,310	495,427	982	7,935	5,773	467,640	860	3,482	2,656
1939 monthly average ..	4,602	4,399	8,333	11,017	11,221	8,065	515,085	952	7,280	6,254	473,189	820	3,766	2,969
1940 monthly average ..	4,489	4,318	8,380	13,644	12,083	8,604	520,030	936	9,308	6,724	476,300	810	4,203	3,403
1941 monthly average ..	5,053	4,784	8,291	16,850	13,180	9,146	549,034	935	11,265	6,986	500,457	857	5,047	4,122
1942 monthly average ..	5,689	5,382	8,471	8,510	15,854	11,383	573,452	900	7,663	506,429	825	6,084	5,177	
1943 monthly average ..	6,302	6,058	8,056	1,970	12,127	8,086	472,338	2,119	.....	5,457	422,257	790	5,245	4,538
1944 monthly average ..	7,148	6,626	8,405	5,795	13,890	8,434	382,097	2,786	1,198	5,335	349,453	641	7,708	6,581
1945 monthly average ..	7,350	6,820	8,656	18,138	15,844	9,946	363,148	1,489	8,469	5,040	326,230	717	11,087	9,451
1946 monthly average ..	6,943	6,628	8,130	22,022	19,248	11,483	416,442	1,474	11,197	5,333	372,846	876	14,069	11,697
1947														
January.....	6,917	5,985	9,140	38,495	14,466	12,511	454,426	725	24,674	5,860	408,896	582	13,837	12,528
February.....	5,761	5,544	9,067	34,702	14,069	10,073	473,163	817	21,434	4,635	423,844	713	11,144	10,139
March.....	6,836	6,277	9,326	32,747	14,258	9,806	491,965	791	19,272	4,559	437,614	708	10,648	9,621
April.....	7,435	7,029	9,399	27,568	12,781	8,647	506,015	754	17,201	4,442	449,335	712	9,349	8,673
May.....	7,985	7,512	9,531	21,854	12,362	6,130	518,459	1,125	14,143	3,185	459,217	1,071	6,706	6,155
June.....	8,342	7,939	9,565	16,429	11,606	6,039	525,828	1,071	9,932	3,280	464,825	1,002	7,021	6,522
July.....	9,052	8,784	9,446	13,726	11,783	5,660	529,523	834	7,196	2,987	468,432	793	7,853	7,003
August.....	8,836	8,845	9,050	14,187	12,160	7,189	533,052	797	7,229	3,393	470,941	757	8,115	7,521
September.....	8,750	8,380	9,020	22,196	13,903	8,652	537,555	1,172	9,791	4,273	474,623	1,102	9,689	8,961
October.....	9,067	8,307	9,413	40,153	24,646	16,497	542,907	1,414	9,732	7,770	474,065	1,310	16,590	15,201
November.....	6,651	6,126	9,648	7,735	19,281	16,021	527,337	1,185	56	7,819	463,391	1,108	17,836	16,388
December.....	6,110	6,445	9,022	4,200	20,331	10,345	516,403	773	655	5,510	456,363	709	13,506	12,411
Monthly average.....	7,645	7,264	9,302	22,833	15,137	9,798	513,053	955	11,776	4,809	454,296	881	11,024	10,094
1948														
January.....	6,392	5,953	9,167	9,492	12,934	8,081	513,899	1,206	4,698	4,049	455,409	1,059	9,442	8,696
February.....	6,255	5,475	9,667	21,956	13,033	8,938	523,544	980	13,768	4,179	462,061	892	9,211	8,526
March.....	7,030	6,740	9,635	32,817	12,525	6,667	545,365	943	20,638	3,575	479,180	866	8,429	7,661
April.....	7,381	6,977	9,733	28,717	12,968	7,271	564,189	1,099	20,863	3,618	495,018	996	8,666	7,928
May.....	7,276	6,763	9,955	25,953	12,488	6,784	580,824	956	20,041	3,304	511,232	863	8,143	7,302
June.....	8,492	8,198	9,888	22,995	12,467	6,295	594,733	1,069	14,930	3,127	522,261	943	8,254	7,320
July.....	8,998	8,911	9,605	18,790	12,235	6,733	602,868	877	10,960	3,232	528,919	807	8,186	7,354
August.....	8,682	8,396	9,511	15,935	12,377	7,533	607,676	892	9,540	3,978	533,278	820	9,326	8,513
September.....	7,947	8,054	9,057	21,154	14,791	9,305	611,613	1,234	11,429	4,736	538,051	1,113	11,086	10,271
October.....	6,693	6,366	9,064	34,815	16,512	11,456	615,401	1,380	12,212	6,091	542,263	1,247	13,741	12,752
November.....	6,174	6,667	8,278	37,253	18,516	12,154	621,677	1,524	14,036	6,602	547,534	1,388	14,456	13,378
December.....	6,807	6,568	8,212	29,391	20,175	7,379	635,688	1,507	17,572	3,965	559,822	1,329	9,758	8,798
Monthly average.....	7,344	7,089	9,314	24,939	14,252	8,216	584,790	1,139	14,224	4,205	514,586	1,027	9,891	9,042
1949														
January.....	6,050	5,596	8,410	21,863	11,690	6,549	646,272	941	14,878	3,970	569,734	836	7,421	6,627
February.....	5,721	5,475	8,399	19,631	12,740	7,264	654,589	874	14,148	4,229	578,342	783	8,474	7,739
March.....	7,761	7,084	8,708	20,232	14,038	9,334	661,728	1,109	14,462	4,720	586,592	994	10,202	9,207
April.....	7,314	6,507	9,248	16,922	12,990	7,755	668,421	974	11,536	3,884	593,094	752	8,306	7,345
May.....	8,331	7,557	9,646	16,823	13,327	7,826	674,661	1,097	10,971	3,732	599,561	1,017	8,931	7,908
June.....	9,258	8,629	9,879	13,732	13,049	7,632	677,344	1,111	7,852	3,537	602,926	1,027	9,069	7,889
July.....	9,391	8,734	10,153	8,818	12,339	8,068	676,337	878	5,099	4,049	602,865	804	8,017	6,865
August.....	9,182	8,902	10,037	11,581	12,337	8,072	675,217	985	5,936	4,368	603,231	914	9,054	7,682
September.....	7,392	7,285	9,834	17,074	14,120	9,472	673,695	1,329	8,703	5,311	604,762	1,226	10,252	9,254
October.....	6,123	6,439	9,253	26,091	15,213	11,440	670,398	1,529	9,246	6,103	605,298	1,413	12,418	11,246
November.....	5,780	6,103	8,680	19,771	17,673	12,073	669,884	1,607	9,705	6,968	606,015	1,461	12,764	11,616
December.....	6,314	6,247	8,486	19,060	20,030	8,351	676,021	1,410	10,672	5,201	610,341	1,262	7,932	7,107
Monthly average.....	7,385	7,046	9,228	17,633	14,129	8,653	668,714	1,154	10,267	4,673	596,897	1,041	9,403	8,374
1950														
January.....	6,139	5,597	8,763	16,581	11,540	7,219	680,939	890	11,069	4,694	615,424	790	6,632	5,870
February.....	5,842	5,523	8,849	14,137	11,592	6,299	684,577	857	10,115	4,047	620,133	778	6,104	5,458
March.....	7,562	6,693	10,155	15,969	14,333	9,219	686,646	1,076	11,045	5,562	624,188	967	9,532	8,497
April.....	7,352	6,367	10,603	17,305	13,276	7,319	692,458	864	11,922	4,358	630,678	772	7,901	6,775
May.....	8,361	7,616	10,846	20,490	13,782	7,935	700,420	1,161	12,727	4,610	637,409	1,076	8,146	6,923
June.....	9,368	8,696	10,982	21,358	13,615	8,091	708,562	1,291	12,521	5,228	643,280	1,196	9,109	7,612
July.....	9,241	8,511	11,196	21,695	18,757	10,537	712,863	1,832	10,339	6,575	645,268	1,719	10,233	8,749
August.....	9,040	8,621	11,078	33,042	20,280	16,142	720,296	1,692	15,072	9,869	647,062	1,534	16,230	14,029
September.....	6,870	6,845	10,648	14,863	15,473	11,348	737,771	1,461	17,758	6,455	656,999	1,322	11,081	9,741
October.....	6,391	6,913	9,692	47,852	15,177	10,128	760,806	1,706	20,536	5,939	670,213	1,543	10,233	9,037
November.....	6,166	6,019	9,451	38,254	17,630	11,064	780,654	2,189	22,241	6,557	684,031	1,994	11,112	10,177
December.....	5,893	6,163	8,815	35,444	24,564	12,061	795,181	1,856	19,244	6,899	694,210	1,638	11,063	10,153
Monthly average.....	7,348	7,060	10,090	27,069	15,835	79,783	721,764	1,406	14,568	75,901	647,406	1,277	79,782	8,585

For footnotes giving source of data and description of series, see pp. 250, 251.

FOODSTUFFS AND TOBACCO—ALCOHOLIC BEVERAGES AND DAIRY PRODUCTS

YEAR AND MONTH	ALCOHOLIC BEVERAGES										DAIRY PRODUCTS							
	Wines and distilling materials										Butter, creamery				Cheese			
	Sparkling wines				Still wines				Dis- till- ing mate- rials pro- duced at win- eries ³	Produc- tion (fac- tory) ⁴	Stocks, cold stor- age, end of month ⁵	Price, whole- sale, 92- score (New York) ⁶	Production (factory) ⁷		Stocks, cold storage, end of month ⁸			
	Produc- tion ¹	Tax- paid with- draw- als ²	Stocks, end of month ²	Im- ports ²	Produc- tion ³	Tax- paid with- draw- als ³	Stocks, end of month ³	Im- ports ²					Total	Ameri- can, whole milk	Total	Ameri- can, whole milk		
Thousands of wine gallons										Thousands of pounds	Dollars per lb.	Thousands of pounds						
1935 monthly average ..	27	23	7,464	23	13,579	3,556	56,464	208	(⁸)	136,032	71,259	0.298	51,728	39,083	86,016	75,331		
1936 monthly average ..	34	30	9,490	42	10,672	4,691	87,488	261	(⁸)	135,784	59,559	.331	53,523	40,631	94,392	79,871		
1937 monthly average ..	40	32	525	48	18,832	5,200	88,605	270	(⁸)	135,331	63,980	.344	54,069	41,003	103,123	88,390		
1938 monthly average ..	36	27	600	40	19,045	5,263	113,948	246	(⁸)	148,848	111,173	.280	60,444	46,712	111,977	96,416		
1939 monthly average ..	31	32	593	47	17,540	6,006	112,155	281	(⁸)	148,478	111,330	.261	59,044	44,775	102,773	85,070		
1940 monthly average ..	53	50	595	38	24,119	7,062	124,932	263	(⁸)	153,069	64,382	.295	65,458	50,233	115,425	97,416		
1941 monthly average ..	98	77	691	9	26,164	8,125	145,584	129	(⁸)	156,015	107,102	.343	79,680	62,760	153,837	130,567		
1942 monthly average ..	84	70	891	8	15,244	9,122	143,243	77	(⁸)	147,005	82,759	.401	92,693	76,404	210,784	182,855		
1943 monthly average ..	106	100	827	7	8,226	7,469	112,209	342	13,083	139,482	127,854	.448	82,775	63,757	151,595	127,350		
1944 monthly average ..	125	116	860	7	9,068	7,228	116,263	674	15,848	124,042	104,411	.423	84,771	67,066	175,165	149,996		
1945 monthly average ..	142	118	1,010	12	10,196	7,306	130,079	213	22,440	113,643	104,536	.429	93,064	72,924	166,749	152,497		
1946 monthly average ..	218	171	1,205	45	14,183	10,861	144,524	373	30,556	97,612	42,870	.628	92,196	66,772	120,995	98,551		
1947																		
January.....	192	68	1,429	20	1,099	7,400	197,314	255	1,743	98,237	18,224	.666	74,291	55,217	114,606	87,459		
February.....	152	49	1,522	7	862	5,576	190,143	232	1,303	94,568	9,988	.709	78,316	59,790	98,053	74,795		
March.....	226	75	1,665	9	535	6,629	181,179	265	3,279	111,724	7,818	.696	100,230	76,399	93,427	71,757		
April.....	221	51	1,826	9	466	5,960	174,584	171	1,580	117,203	9,194	.631	114,131	90,610	113,854	88,737		
May.....	130	62	1,882	13	390	5,682	168,710	172	1,040	148,318	17,445	.613	140,588	115,463	133,495	106,749		
June.....	146	44	1,975	12	309	6,249	160,211	129	661	156,345	51,625	.633	148,142	123,026	161,363	130,005		
July.....	74	51	1,990	9	383	6,628	152,540	99	1,867	148,007	83,286	.674	133,268	111,021	185,202	151,661		
August.....	48	64	1,964	9	2,482	6,680	146,665	117	7,948	116,553	88,364	.745	103,994	84,648	202,597	169,571		
September.....	36	84	1,911	21	31,539	8,180	171,177	194	50,074	100,238	76,912	.802	87,746	69,685	193,849	164,651		
October.....	29	155	1,774	28	53,433	11,469	215,882	175	97,911	91,717	72,125	.718	80,897	61,929	176,626	151,455		
November.....	57	158	1,658	28	11,432	11,226	216,435	138	31,040	69,622	46,002	.794	60,898	43,315	162,682	139,355		
December.....	97	147	1,581	18	2,688	10,282	205,089	139	8,504	76,562	23,672	.881	60,445	41,615	148,100	126,534		
Monthly average.....	117	84	1,765	15	8,801	7,663	181,661	174	17,246	110,758	42,055	.713	98,579	77,727	148,655	121,872		
1948																		
January.....	101	65	1,599	26	668	9,469	195,891	237	2,563	80,051	13,399	.851	63,742	44,951	124,106	107,236		
February.....	78	54	1,613	12	495	8,804	186,846	160	1,055	77,892	7,323	.836	65,186	46,955	110,125	93,570		
March.....	144	57	1,685	11	799	10,917	176,208	214	2,248	90,350	3,482	.802	80,259	58,160	103,350	90,469		
April.....	166	50	1,792	25	647	9,952	166,348	183	2,088	100,806	4,449	.828	94,018	72,083	105,263	91,907		
May.....	71	62	1,791	22	441	8,043	158,212	168	2,610	133,095	18,638	.801	129,753	103,926	123,507	106,712		
June.....	121	74	1,823	25	416	8,465	147,708	189	995	134,364	53,073	.803	131,872	107,287	165,201	140,038		
July.....	64	57	1,826	16	564	7,238	139,873	141	1,493	125,137	83,105	.786	114,677	95,556	197,220	168,809		
August.....	122	69	1,871	17	769	8,249	131,898	205	2,519	115,871	97,624	.756	108,520	90,159	217,819	185,324		
September.....	68	118	1,812	29	15,525	10,283	136,779	228	32,008	95,575	93,850	.719	89,417	71,476	212,282	182,449		
October.....	54	127	1,729	51	64,975	11,294	195,087	256	133,683	91,872	83,412	.644	81,527	62,225	195,470	167,535		
November.....	81	162	1,640	45	48,210	12,307	233,170	250	97,666	80,353	60,214	.629	67,335	49,087	164,410	140,791		
December.....	71	168	1,525	97	5,413	11,194	223,774	294	13,476	84,958	33,615	.645	72,060	52,582	148,100	126,534		
Monthly average.....	95	89	1,726	31	11,577	9,685	174,316	210	24,367	100,860	46,015	.758	91,531	71,208	155,571	133,448		
1949																		
January.....	100	68	1,545	23	887	9,856	213,595	212	1,060	92,488	18,737	.630	77,032	57,486	135,110	116,779		
February.....	60	57	1,530	25	833	9,696	203,618	217	491	93,569	8,718	.633	76,939	57,951	126,503	111,073		
March.....	74	65	1,515	21	821	11,703	191,799	253	1,802	111,633	6,318	.616	95,121	71,154	120,563	105,608		
April.....	188	53	1,647	32	640	9,585	182,156	238	405	124,618	15,338	.599	110,987	86,142	125,903	109,920		
May.....	98	62	1,673	26	658	8,885	173,518	221	929	161,899	51,056	.597	145,366	118,635	134,765	117,021		
June.....	163	77	1,743	28	584	8,815	162,586	177	513	155,637	102,701	.590	140,247	116,138	162,256	140,859		
July.....	54	50	1,742	13	435	7,763	155,025	148	711	135,257	136,786	.599	119,292	97,846	185,517	162,346		
August.....	128	62	1,792	14	1,340	8,788	145,693	145	4,909	129,655	153,855	.618	109,624	88,265	210,411	183,208		
September.....	47	99	1,734	35	19,085	11,303	154,337	188	38,006	114,827	154,455	.622	96,130	74,973	213,433	188,259		
October.....	47	141	1,633	43	58,503	13,112	203,858	286	105,342	103,556	144,819	.625	82,966	62,829	209,515	185,839		
November.....	54	154	1,520	86	14,579	13,557	205,128	342	34,705	92,297	130,452	.625	72,281	51,747	196,125	175,764		
December.....	86	159	1,425	86	3,534	12,878	192,047	335	4,896	96,665	113,993	.631	74,026	51,852	188,653	168,670		
Monthly average.....	92	87	1,458	36	8,492	10,495	181,947	230	16,147	117,675	86,436	.615	100,001	77,918	167,396	147,112		
1950																		
January.....	124	64	1,475	24	1,083	11,984	179,559	240	1,394	101,195	103,657	.624	77,060	54,180	176,821	159,906		
February.....	38	41	1,456	17	745	10,071	168,935	243	1,397	98,175	92,886	.635	75,365	53,410	163,922	149,004		
March.....	108	60	1,494	29	1,144	13,073	157,958	279	1,280	122,195	93,489	.607	95,825	69,820	158,134	141,946		
April.....	190	61	1,675	28	842	12,365	145,011	286	734	128,770	109,020	.599	110,565	84,110	171,553	153,135		
May.....	86	78	1,614	38	790	10,573	134,871	263	1,300	156,495	136,867	.600	133,735	105,695	208,986	186,062		
June.....	98	78	1,619	40	887	7,588	127,000	347	216	166,080	185,167	.599	142,960	114,970	254,246	229,785		
July.....	44	53	1,605	27	758	8,236	117,335	255										

FOODSTUFFS AND TOBACCO—DAIRY PRODUCTS—Continued

YEAR AND MONTH	CHEESE		CONDENSED AND EVAPORATED MILK										FLUID MILK		
	Imports ¹	Price, whole-sale, American, single daisies (Chicago) ²	Production ³			Stocks, manufacturers', case goods, end of month ⁴		Exports ¹		Prices, wholesale, U. S. average ⁴		Production ⁵	Utilization in manufactured dairy products ⁶	Price, dealers', standard grade ⁷	
			Condensed (sweetened)		Evaporated (un-sweetened), case goods	Condensed (sweetened)	Evaporated (un-sweetened)	Condensed (sweetened)	Evaporated (un-sweetened)	Condensed (sweetened)	Evaporated (un-sweetened)				
			Bulk goods	Case goods											
	Thousands of pounds	Dollars per pound	Thousands of pounds								Dollars per case		Millions of pounds	Dollars per 100 pounds	
1935 monthly average ..	4,078	0.161	14,194	4,568	153,241	11,705	175,404	407	2,686	4.78	2.73	8,434	3,656	2.05	
1936 monthly average ..	4,987	.172	17,105	4,089	170,313	8,442	141,290	198	1,963	4.81	3.06	8,534	3,712	2.13	
1937 monthly average ..	5,054	.177	16,921	4,133	158,545	7,696	217,332	664	1,906	4.88	3.03	8,492	3,680	2.32	
1938 monthly average ..	4,536	.143	17,763	3,632	175,350	7,616	268,446	452	1,975	4.84	2.82	8,817	4,058	2.26	
1939 monthly average ..	4,923	.146	17,315	3,016	180,883	6,283	199,880	189	2,291	4.82	2.75	8,899	4,046	2.17	
1940 monthly average ..	2,719	.162	20,180	5,319	205,389	7,478	257,302	2,282	9,896	4.80	2.87	9,125	4,272	2.21	
1941 monthly average ..	1,668	.214	21,080	9,759	270,546	9,625	250,963	6,800	49,450	5.15	3.33	9,606	4,633	2.40	
1942 monthly average ..	2,018	.240	25,102	5,608	293,209	5,930	203,317	1,193	29,878	5.71	3.62	9,907	4,631	2.79	
1943 monthly average ..	2,100	.260	31,124	9,829	254,773	8,285	229,866	3,354	44,552	5.84	4.15	9,815	4,348	3.16	
1944 monthly average ..	754	.260	36,536	11,604	285,674	9,327	222,371	4,374	45,027	6.20	4.15	9,833	4,154	3.24	
1945 monthly average ..	692	.260	49,684	11,960	314,699	9,877	149,630	9,342	47,461	6.33	4.15	10,125	4,118	3.26	
1946 monthly average ..	1,735	.384	73,986	9,517	254,220	8,097	141,945	7,393	77,361	7.00	4.90	9,976	3,616	3.92	
1947															
January.....	652	.424	37,766	9,047	203,556	4,923	130,736	8,911	28,828	8.25	5.86	8,889	3,333	4.94	
February.....	389	.415	40,915	7,857	210,879	4,346	117,497	4,273	23,324	8.25	5.72	8,456	3,300	4.74	
March.....	487	.424	61,928	9,581	269,412	5,450	118,926	4,694	25,355	8.28	5.64	9,809	3,997	4.68	
April.....	455	.390	90,125	11,623	323,953	5,279	148,830	7,277	23,667	8.27	5.42	10,385	4,377	4.61	
May.....	355	.336	114,626	12,952	416,348	6,387	278,814	7,549	39,518	8.26	5.23	12,134	5,534	4.46	
June.....	401	.357	111,351	13,031	415,841	7,196	439,005	8,562	42,869	8.26	5.18	12,816	5,783	4.41	
July.....	459	.386	70,899	16,428	354,491	9,477	501,177	9,201	42,071	8.26	5.19	12,082	5,340	4.49	
August.....	647	.398	30,573	19,441	264,611	10,561	474,240	8,161	41,394	8.26	5.20	10,569	4,208	4.60	
September.....	615	.425	21,504	21,790	224,850	11,422	379,712	10,316	55,278	8.26	5.24	9,224	3,611	4.71	
October.....	1,139	.438	16,868	18,988	206,249	9,238	284,061	15,726	72,852	8.40	5.31	8,780	3,308	4.87	
November.....	1,554	.442	13,673	12,847	157,110	8,501	223,940	14,655	49,110	8.80	5.52	7,906	2,492	4.97	
December.....	1,519	.469	14,138	11,391	160,727	9,362	158,551	8,831	25,680	8.80	5.70	8,015	2,631	5.02	
Monthly average.....	723	.409	52,031	13,748	267,336	7,679	271,291	9,013	39,162	8.36	5.43	9,922	3,993	4.71	
1948															
January.....	1,369	.477	13,706	9,613	176,981	8,682	95,433	7,818	19,601	8.93	5.83	8,290	2,788	5.09	
February.....	1,915	.471	12,886	9,501	193,800	9,124	73,267	6,868	16,073	9.12	5.99	8,126	2,800	5.10	
March.....	1,591	.423	17,030	10,858	271,340	8,622	63,117	8,830	18,745	9.12	6.00	9,190	3,384	5.09	
April.....	2,012	.443	26,211	13,804	332,363	8,777	79,563	16,123	30,555	9.32	6.08	9,884	3,902	5.07	
May.....	2,010	.474	48,803	12,942	447,501	11,619	178,654	10,222	32,766	9.69	6.41	11,697	5,216	5.03	
June.....	2,106	.489	47,206	11,718	440,864	12,615	337,507	12,145	30,416	9.71	6.48	12,171	5,241	5.04	
July.....	1,491	.520	35,940	10,605	380,308	13,165	444,015	10,886	21,650	9.87	6.61	11,514	4,748	5.16	
August.....	1,210	.493	28,255	11,819	349,280	14,275	513,665	7,566	28,799	10.02	6.71	10,511	4,410	5.29	
September.....	1,293	.448	18,653	9,688	273,973	15,645	621,948	6,342	33,486	10.02	6.56	9,124	3,593	5.32	
October.....	3,199	.420	13,298	8,329	221,710	13,408	622,624	10,237	19,533	9.93	6.26	8,748	3,297	5.30	
November.....	3,090	.397	11,076	7,847	151,414	14,824	542,810	4,367	15,836	9.60	5.94	8,031	2,727	5.27	
December.....	2,272	.410	11,768	9,933	143,359	12,576	424,619	8,713	49,058	9.60	5.95	8,241	2,860	5.25	
Monthly average.....	1,963	.455	23,736	10,555	281,908	11,944	333,102	9,177	26,377	9.58	6.24	9,627	3,747	5.17	
1949															
January.....	1,423	.371	14,915	9,269	156,513	8,002	297,591	11,442	31,152	9.60	5.81	8,675	3,143	5.16	
February.....	1,533	.348	13,781	10,888	160,861	8,694	206,464	7,322	31,795	9.48	5.66	8,399	3,113	5.04	
March.....	2,035	.336	17,874	12,999	215,893	8,341	177,077	11,021	21,688	9.10	5.45	9,625	3,853	4.89	
April.....	2,393	.337	26,193	11,670	266,766	9,290	189,735	9,901	20,971	9.10	5.18	10,328	4,394	4.67	
May.....	2,402	.341	41,756	10,481	358,577	9,066	298,661	7,657	24,517	9.10	5.05	12,076	5,640	4.58	
June.....	2,794	.343	33,949	9,749	350,154	10,027	379,000	8,903	24,391	9.10	5.09	12,372	5,482	4.56	
July.....	2,138	.330	26,388	8,132	306,989	8,309	454,210	6,205	22,967	9.10	5.12	11,564	4,828	4.61	
August.....	1,804	.352	24,822	7,959	273,573	8,559	477,812	4,500	11,209	9.10	5.11	10,661	4,475	4.66	
September.....	2,442	.358	20,942	5,721	214,813	6,758	484,246	5,692	12,368	9.10	5.08	9,431	3,862	4.71	
October.....	3,994	.356	17,267	4,580	168,754	6,925	426,836	1,846	18,257	9.10	5.08	9,056	3,395	4.74	
November.....	3,946	.356	15,304	4,513	133,540	5,795	333,264	1,618	14,862	9.10	5.09	8,447	2,943	4.75	
December.....	5,132	.353	13,103	4,941	149,347	7,386	243,491	2,221	15,351	9.10	5.09	8,611	3,144	4.75	
Monthly average.....	2,670	.348	22,191	8,409	229,648	8,096	330,699	6,527	20,794	9.17	5.23	9,854	4,023	4.76	
1950															
January.....	3,085	.349	15,700	3,925	169,800	5,249	151,401	2,858	13,120	9.10	5.10	9,067	3,321	4.66	
February.....	6,845	.354	14,300	5,250	183,900	5,951	101,470	2,869	14,306	9.10	5.10	8,721	3,263	4.63	
March.....	3,540	.351	18,500	6,010	241,000	6,757	86,216	2,514	8,694	9.10	5.10	9,991	4,126	4.57	
April.....	2,806	.346	22,100	7,225	258,000	7,596	117,081	3,918	16,275	9.10	5.10	10,506	4,431	4.36	
May.....	2,518	.343	31,650	5,430	347,000	7,650	222,300	2,734	18,965	9.10	5.10	11,840	5,416	4.31	
June.....	4,355	.347	30,750	5,230	348,800	9,733	343,988	465	16,905	9.10	5.09	12,538	5,749	4.29	
July.....	3,564	.341	31,000	4,850	302,100	7,368	340,962	2,699	6,291	9.10	5.10	11,870	5,078	4.39	
August.....	8,937	.349	28,350	6,200	284,300	7,016	349,397	741	11,741	9.30	5.29	10,620	4,392	4.52	
September.....	6,854	.354	21,200	5,900	232,600	9,409	388,620	983	18,075	9.30	5.37	9,396	3,633	4.62	
October.....	5,185	.360	19,575	5,325	202,000	9,296	383,161	1,378	8,199	9.50	5.37	9,081	3,246	4.79	
November.....	4,885	.363	15,100	4,260	159,000	10,494	316,666	4,327	8,225	9.50	5.39	8,402	2,678	4.84	
December.....	3,618	.386	18,350	4,135	156,300	6,883	159,559	2,411	9,352	9.72	5.63	8,523	2,738	4.88	
Monthly average.....	4,682	.354	22,215	5,312	240,400	7,784	246,735	2,325	12,512	9.25	5.23	10,046	4,006	4.57	

For footnotes giving source of data and description of series, see pp. 252, 253.

FOODSTUFFS AND TOBACCO—DAIRY PRODUCTS, FRUITS, AND VEGETABLES

YEAR AND MONTH	DAIRY PRODUCTS							FRUITS AND VEGETABLES						
	Dry milk						Price, whole-sale, nonfat dry-milk solids (human food), U. S. average ³	Apples			Citrus fruits, shipments, carlot ⁵	Frozen fruits, stocks, cold storage, end of month ⁶	Frozen vegetables, stocks, cold storage, end of month ⁶	
	Production ¹		Stocks, manufacturers', end of month ²		Exports ²			Production (crop estimate for the year) ⁴	Shipments, carlot ⁵	Stocks, cold storage, end of month ⁶				
	Dry whole milk	Nonfat dry-milk solids (human food)	Dry whole milk	Nonfat dry-milk solids (human food)	Dry whole milk	Nonfat dry-milk solids (human food)								
														Thousands of pounds						Dollars per lb.	Thous. of bu.^{7}	No. of carloads	Thous. of bu.^{7}	No. of carloads	Thousands of pounds
1935 monthly average ..	1,619	15,628	3,471	15,232	132	97	0.067	140,398	5,249	16,418	12,614	68,112	.....	
1936 monthly average ..	1,515	18,652	3,224	12,362	150	161	.087	98,025	5,268	15,887	12,146	71,776	.....	
1937 monthly average ..	1,140	20,376	3,062	29,653	177	176	.077	153,169	4,858	16,527	11,885	91,810	17,104	
1938 monthly average ..	1,791	24,093	3,933	35,715	318	531	.055	105,718	5,009	17,993	15,168	125,171	44,964	
1939 monthly average ..	2,039	22,322	3,722	19,171	522	175	.061	139,247	4,333	16,616	15,439	117,050	63,053	
1940 monthly average ..	2,451	26,820	4,855	29,077	628	726	.069	111,436	3,849	16,809	13,323	127,712	67,867	
1941 monthly average ..	3,802	30,538	5,314	25,824	1,221	2,868	.090	122,217	3,997	17,508	15,007	154,181	74,004	
1942 monthly average ..	5,181	47,118	7,803	33,750	1,592	11,049	.129	126,707	4,044	17,502	15,779	166,072	85,767	
1943 monthly average ..	11,481	42,468	11,220	35,437	2,719	19,792	.138	87,310	3,406	13,464	15,401	168,670	116,774	
1944 monthly average ..	14,813	48,576	17,355	51,210	2,738	17,215	.143	121,266	4,116	14,244	17,136	212,921	149,448	
1945 monthly average ..	18,106	53,546	16,923	48,224	6,521	15,126	.141	66,796	4,117	10,371	16,180	264,498	141,933	
1946 monthly average ..	15,701	54,455	18,395	47,520	12,170	13,989	.145	119,410	4,091	10,556	15,295	394,324	233,688	
1947														
January.....	13,901	44,774	17,545	47,070	11,880	11,731	.131	.....	5,933	19,379	21,219	439,226	320,307	
February.....	12,298	49,643	15,974	62,514	7,281	11,266	.114	.....	5,273	12,944	17,225	403,664	296,588	
March.....	11,296	66,515	17,274	80,698	5,983	8,807	.100	.....	3,673	7,593	21,558	367,013	276,099	
April.....	11,773	74,341	18,229	77,306	6,218	21,606	.100	.....	2,385	3,954	18,213	319,718	247,795	
May.....	16,715	88,911	22,302	101,532	7,076	19,648	.094	.....	1,700	1,544	17,938	327,700	230,827	
June.....	17,450	95,472	24,567	111,155	8,609	21,538	.096	.....	637	329	13,980	332,345	251,687	
July.....	17,823	81,322	22,652	91,604	14,907	28,309	.095	.....	1,436	219	9,605	374,363	296,574	
August.....	15,656	51,885	20,798	74,089	10,672	29,803	.097	.....	832	264	9,227	408,119	326,603	
September.....	14,421	41,286	18,229	48,943	10,553	25,188	.102	.....	6,253	10,435	7,590	402,821	353,239	
October.....	14,361	31,157	18,620	34,872	6,887	43,148	.111	.....	8,806	34,322	10,409	405,838	347,466	
November.....	9,617	20,586	15,364	20,537	6,523	33,512	.124	.....	5,663	35,790	13,318	392,077	323,991	
December.....	9,577	32,049	12,496	14,871	5,072	28,515	.141	.....	3,917	29,807	16,502	369,470	291,752	
Monthly average.....	13,741	56,495	18,671	63,766	8,472	23,589	.109	113,041	3,876	13,048	14,732	378,530	296,911	
1948														
January.....	12,071	38,053	12,173	15,080	5,802	19,710	.146	.....	4,568	23,339	16,817	343,539	254,853	
February.....	12,174	40,118	12,487	18,482	6,388	9,671	.149	.....	4,714	16,567	14,728	316,819	226,619	
March.....	12,433	55,683	12,519	32,453	7,532	6,810	.148	.....	4,177	10,244	15,286	281,762	196,628	
April.....	14,897	69,196	14,779	39,560	6,304	5,383	.143	.....	3,526	4,896	15,076	247,895	176,118	
May.....	20,348	95,089	20,307	62,948	13,554	16,336	.144	.....	1,723	1,855	14,377	250,326	160,423	
June.....	19,827	94,890	23,116	80,513	9,572	12,517	.148	.....	688	392	12,443	280,744	181,526	
July.....	19,345	69,502	27,692	90,742	9,387	9,674	.151	.....	273	148	9,401	304,894	214,096	
August.....	17,175	52,977	29,613	97,976	8,354	8,467	.158	.....	621	214	6,968	371,565	266,910	
September.....	12,929	39,892	29,097	85,446	8,923	10,587	.157	.....	2,520	4,724	7,258	364,115	311,734	
October.....	11,773	38,779	30,713	73,114	7,061	16,406	.158	.....	7,737	22,413	8,604	362,423	311,968	
November.....	7,962	37,173	25,967	51,057	6,217	23,901	.159	.....	4,791	21,836	9,580	346,941	308,829	
December.....	9,153	50,180	18,491	44,375	11,439	19,704	.151	.....	3,505	17,813	15,334	335,940	281,825	
Monthly average.....	14,174	56,794	21,413	57,646	8,378	13,263	.151	88,407	3,237	10,370	12,156	320,247	240,961	
1949														
January.....	10,900	55,602	16,251	50,139	11,431	27,334	.131	.....	3,299	12,971	12,635	317,695	262,047	
February.....	8,731	59,865	14,834	63,492	8,229	15,620	.115	.....	3,229	9,028	10,417	301,249	229,506	
March.....	10,859	80,955	15,479	72,785	4,616	8,288	.115	.....	3,171	5,491	11,589	266,581	206,061	
April.....	11,592	98,420	14,124	75,436	6,666	26,248	.117	.....	2,065	3,318	10,253	237,419	191,666	
May.....	14,402	123,636	16,135	96,275	10,014	16,226	.118	.....	1,776	1,294	10,103	237,856	186,821	
June.....	11,672	114,120	17,377	105,446	5,873	14,042	.116	.....	768	343	8,992	255,787	219,515	
July.....	12,328	90,527	19,059	98,129	5,587	2,857	.117	.....	560	175	7,921	327,090	237,847	
August.....	10,076	79,853	17,788	97,201	7,336	20,579	.118	.....	509	412	6,444	339,588	315,788	
September.....	10,087	64,204	18,271	80,448	5,449	44,267	.121	.....	2,602	14,777	4,858	355,552	368,552	
October.....	8,242	54,670	16,666	57,026	5,909	28,897	.123	.....	6,635	35,224	5,720	342,565	387,681	
November.....	7,112	50,148	14,180	47,791	4,377	2,814	.122	.....	4,849	33,405	7,599	326,934	383,658	
December.....	9,540	61,662	11,105	48,722	5,906	7,326	.121	.....	4,061	26,563	11,369	300,409	371,003	
Monthly average.....	10,462	77,805	15,939	74,408	6,783	17,875	.120	133,742	2,794	11,917	8,992	300,727	280,012	
1950														
January.....	8,990	64,600	9,738	43,939	5,408	8,374	.117	.....	3,925	19,573	9,873	279,255	339,316	
February.....	8,290	66,150	9,157	45,069	3,654	32,890	.118	.....	4,247	12,502	8,636	265,204	305,316	
March.....	11,560	86,000	9,792	53,006	5,974	25,440	.117	.....	3,330	7,074	9,913	251,119	269,980	
April.....	10,050	98,000	9,800	70,357	5,088	21,761	.118	.....	2,610	3,645	8,972	243,861	241,992	
May.....	11,760	113,700	10,307	82,583	4,300	10,267	.116	.....	1,528	1,289	10,568	287,445	221,119	
June.....	13,200	116,750	13,219	93,263	6,118	17,124	.117	.....	554	165	9,463	356,409	235,955	
July.....	11,550	90,000	13,935	82,722	4,643	17,704	.117	.....	254	115	7,514	414,557	283,334	
August.....	11,885	60,950	13,630	59,017	4,711	21,028	.118	.....	339	102	5,988	461,956	361,366	
September.....	10,400	42,900	12,503	42,445	5,966	17,957	.119	.....	1,265	7,321	5,676	466,135	430,576	
October.....	11,300	35,800	13,284	31,444	6,047	20,010	.121	.....	6,114	34,451	4,994	497,878	457,573	
November.....	9,920	30,550	11,644	23,498	5,308	18,994	.124	.....	5,427	40,032	6,551	479,353	454,011	
December.....	9,850	39,480	10,231	22,030	5,334	15,070	.127	.....	4,041	33,621	14,032	449,989	425,170	
Monthly average.....	10,730	70,407	11,437	54,114	5,213	18,885	.119	120,499	2,803	13,324	8,515	371,097	335,476	

For footnotes giving source of data and description of series, see p. 253.

FOODSTUFFS AND TOBACCO—POTATOES, GRAINS, AND GRAIN PRODUCTS

YEAR AND MONTH	POTATOES, WHITE			ALL PRIN- CIPAL GRAINS	BARLEY							CORN		
	Production (crop estimate for the year) ¹	Ship-ments, carlot ²	Price, whole-sale, U.S. No. 1 (New York) ³	Ex-ports, in-cluding flour and meal ⁴	Produc-tion (crop estimate for the year) ¹	Re-ceipts, prin-cipal mar-kets ⁵	Stocks, domestic, end of month		Ex-ports, in-cluding malt ⁸	Prices, wholesale (Minneapolis) ⁹		Produc-tion (crop estimate for the year) ¹	Grind-ings, wet proc-ess ¹⁰	Re-ceipts, prin-cipal mar-kets ¹¹
							Commer-cial ⁶	On farms ⁷		No. 2, malting	No. 3, straight			
	Thousands of bushels (60 lb.)	Number of carloads	Dollars per 100 lb.	Thousands of bushels (48 pounds)						Dollars per bushel		Thousands of bushels (56 pounds)		
1935 monthly average ..	378,895	16,860	1.060	2,093	288,667	5,021	12,336	(12)	628	0.84	0.71	2,299,363	4,860	9,806
1936 monthly average ..	323,955	17,696	2.222	2,388	147,740	7,270	15,205	(12)	619	.96	.86	1,505,689	6,208	15,986
1937 monthly average ..	376,448	18,502	1.649	7,125	221,889	5,718	10,589	(12)	971	13.96	.89	2,642,978	5,700	15,227
1938 monthly average ..	355,848	17,607	1.256	24,045	256,620	7,205	11,834	(12)	1,354	.66	.59	2,548,753	6,110	27,047
1939 monthly average ..	342,372	16,479	1.628	11,622	278,193	7,545	13,349	(12)	479	.55	.48	2,580,985	6,437	17,741
1940 monthly average ..	376,920	16,865	1.782	7,070	311,278	6,723	10,969	131,300	217	.53	.49	2,457,146	6,809	19,708
1941 monthly average ..	355,697	16,755	1.857	5,638	362,568	8,949	6,780	157,825	261	.61	.55	2,651,889	9,192	21,275
1942 monthly average ..	368,899	18,203	2.211	3,501	429,450	9,403	7,979	187,963	196	.87	.69	3,068,562	10,863	27,529
1943 monthly average ..	458,887	21,874	3.180	4,634	322,913	12,894	13,916	155,750	197	1.13	1.00	2,965,980	10,705	24,764
1944 monthly average ..	383,424	22,965	3.237	5,681	276,112	12,099	18,019	113,993	321	1.34	1.27	3,088,110	9,997	21,441
1945 monthly average ..	418,765	22,556	3.158	18,534	266,833	11,125	20,640	108,368	629	1.29	1.22	2,880,933	9,912	32,335
1946 monthly average ..	484,174	24,859	3.182	29,589	262,258	9,612	13,980	94,757	558	1.53	1.49	3,249,950	10,051	24,659
1947														
January.....	20,957	2,538	52,987	.....	10,241	20,608	.....	1,350	1.78	1.70	.....	12,705	49,373	
February.....	22,036	2,638	55,321	.....	4,806	19,313	.....	2,630	1.76	1.64	.....	11,701	41,045	
March.....	30,546	134.021	60,892	.....	7,242	14,108	66,531	1,720	1.91	1.84	.....	12,798	50,592	
April.....	27,076	3.992	58,761	.....	9,625	10,816	.....	1,867	1.92	1.81	.....	12,091	38,490	
May.....	23,850	4.054	73,366	.....	8,449	8,872	.....	2,948	2.01	1.90	.....	12,385	38,058	
June.....	25,088	4.080	62,164	.....	8,252	7,753	30,000	3,299	2.14	2.03	.....	11,794	42,387	
July.....	22,674	3.650	65,728	.....	7,974	5,593	.....	7,325	2.26	2.13	.....	11,635	38,698	
August.....	19,680	3.405	66,740	.....	27,114	14,263	.....	4,234	2.30	2.14	.....	11,083	22,653	
September.....	26,158	3.280	50,912	.....	25,093	27,444	161,736	2,713	2.28	2.12	.....	11,100	22,920	
October.....	25,797	3.240	46,795	.....	14,536	29,679	.....	2,641	2.38	2.22	.....	11,387	20,915	
November.....	20,349	3.769	42,313	.....	12,111	27,846	.....	859	2.59	2.43	.....	10,831	22,898	
December.....	16,040	4.393	42,170	.....	10,021	26,581	117,300	1,370	2.71	2.51	.....	9,762	20,293	
Monthly average.....	389,048	23,354	143.788	56,512	281,185	12,122	17,740	93,892	2,746	2.17	2.04	2,383,970	11,606	34,027
1948														
January.....	22,502	5.332	48,493	.....	8,679	24,205	.....	465	2.68	2.51	.....	10,180	26,368	
February.....	21,709	5.224	41,817	.....	5,773	21,521	.....	794	2.36	2.14	.....	8,386	18,426	
March.....	27,844	5.380	36,787	.....	5,737	15,756	69,346	1,157	2.43	2.24	.....	7,999	12,116	
April.....	23,460	5.915	38,446	.....	5,717	10,879	.....	668	2.38	2.27	.....	7,804	19,569	
May.....	23,193	4.723	35,187	.....	7,270	7,597	.....	1,106	2.35	2.23	.....	8,408	19,028	
June.....	33,109	4.165	45,587	.....	8,455	6,740	26,938	812	2.27	2.10	.....	8,962	24,406	
July.....	16,569	3.624	51,789	.....	8,271	6,537	.....	1,704	1.75	1.70	.....	8,438	15,688	
August.....	23,567	3.757	62,733	.....	22,535	16,196	.....	4,566	1.49	1.37	.....	8,799	16,897	
September.....	31,030	3.563	52,828	.....	13,926	19,254	208,519	1,646	1.41	1.27	.....	9,261	17,246	
October.....	33,052	3.193	55,153	.....	12,570	18,847	.....	3,644	1.52	1.42	.....	10,517	26,339	
November.....	24,026	3.302	41,906	.....	10,616	18,741	.....	1,570	1.55	1.45	.....	11,197	63,005	
December.....	26,437	3.699	54,232	.....	11,300	16,457	156,357	1,162	1.48	1.35	.....	9,927	45,269	
Monthly average.....	454,654	25,541	4.323	47,080	315,894	10,071	15,228	115,290	1,608	1.97	1.84	3,681,793	9,156	25,363
1949														
January.....	21,459	4.628	58,670	.....	8,323	15,214	.....	2,614	1.47	1.38	.....	9,958	38,281	
February.....	25,912	4.474	60,252	.....	5,254	12,426	.....	2,653	1.34	1.24	.....	9,357	20,139	
March.....	36,091	4.568	65,970	.....	8,991	11,197	111,408	2,985	1.31	1.20	.....	9,902	23,694	
April.....	26,302	4.623	45,394	.....	5,860	9,491	.....	1,390	1.26	1.18	.....	8,813	19,646	
May.....	23,038	5.258	57,458	.....	11,906	10,057	.....	1,636	1.25	1.18	.....	8,632	21,198	
June.....	24,263	3.546	47,020	.....	19,312	14,922	59,308	2,111	1.25	1.16	.....	8,910	21,972	
July.....	11,695	3.287	44,958	.....	24,843	24,659	.....	4,199	1.29	1.24	.....	8,658	19,683	
August.....	14,718	3.498	59,048	.....	24,940	33,056	.....	6,410	1.33	1.30	.....	10,637	22,064	
September.....	20,093	3.236	46,153	.....	14,954	33,978	147,663	3,382	1.52	1.46	.....	10,501	23,967	
October.....	18,934	2.873	37,849	.....	11,003	35,942	.....	1,888	1.56	1.50	.....	11,206	43,947	
November.....	17,572	3.601	49,503	.....	9,015	34,109	.....	1,468	1.56	1.45	.....	10,047	58,975	
December.....	16,598	4.134	42,726	.....	6,820	33,778	106,494	2,263	1.51	1.42	.....	9,554	33,364	
Monthly average.....	411,565	21,390	3.984	51,250	236,737	12,602	22,402	106,218	2,750	1.39	1.31	3,379,436	9,681	28,911
1950														
January.....	20,183	3.719	33,839	.....	4,349	31,311	.....	810	1.55	1.44	.....	9,454	24,678	
February.....	21,060	3.632	32,620	.....	5,806	30,454	.....	550	1.55	1.48	.....	9,446	17,006	
March.....	27,248	4.473	31,656	.....	6,738	28,072	69,921	1,677	1.58	1.52	.....	10,743	23,470	
April.....	25,281	4.789	33,994	.....	5,627	27,657	.....	250	1.62	1.54	.....	10,371	19,624	
May.....	24,236	4.221	27,598	.....	7,696	26,228	.....	736	1.64	1.59	.....	10,723	24,065	
June.....	24,176	3.242	29,218	.....	7,217	25,924	30,929	361	1.69	1.60	.....	10,682	26,726	
July.....	12,864	2.650	29,755	.....	5,894	25,984	.....	1,119	1.69	1.65	.....	11,371	26,697	
August.....	11,632	3.485	28,185	.....	16,968	28,593	.....	1,252	1.55	1.48	.....	12,096	33,367	
September.....	15,024	2.636	27,395	.....	21,441	33,429	180,508	2,582	1.53	1.45	.....	11,973	23,264	
October.....	15,279	2.128	29,581	.....	13,503	34,026	.....	2,588	1.49	1.39	.....	11,932	24,371	
November.....	13,513	2.515	33,944	.....	12,581	34,541	.....	3,599	1.56	1.48	.....	11,778	52,010	
December.....	13,702	3.121	39,857	.....	9,821	32,625	139,338	4,181	1.57	1.51	.....	10,867	42,716	
Monthly average.....	439,500	18,683	3.368	31,470	301,009	9,803	29,904	105,174	1,642	1.58	1.51	3,131,009	10,953	28,166

For footnotes giving source of data and description of series, see pp. 253, 254.

FOODSTUFFS AND TOBACCO—GRAINS AND GRAIN PRODUCTS

YEAR AND MONTH	CORN						OATS					
	Stocks, domestic, end of month		Ex-ports, in-clud-ing meal ³	Prices, wholesale ⁴			Produc-tion (crop estimate for the year) ⁵	Receipts, prin-cipal markets ⁶	Stocks, domestic, end of month		Exports, includ-ing oatmeal ³	Price, whole-sale, No. 3, white (Chi-cago) ⁴
	Commer-cial ¹	On farms ²		No. 3, white (Chi-cago)	No. 3, yellow (Chi-cago)	Weighted aver-age, 5 mar-kets, all grades			Commer-cial ¹	On farms ²		
Thousands of bushels (56 pounds)	Dollars per bushel					Thousands of bushels (32 pounds)					Dollars per bu.	
1935 monthly average ..	12,141	527,272	49	0.84	0.81	0.80	1,210,229	7,591	24,789	510,034	106	0.40
1936 monthly average ..	6,711	546,442	73	0.91	0.84	0.81	792,583	6,727	40,680	479,044	106	0.36
1937 monthly average ..	11,970	574,176	512	1.04	1.03	1.01	1,176,744	7,642	18,952	502,954	639	0.42
1938 monthly average ..	30,851	968,821	12,328	0.55	0.55	0.53	1,089,383	7,385	17,338	554,071	799	0.28
1939 monthly average ..	34,226	1,131,439	2,722	0.55	0.50	0.50	957,704	7,200	11,810	497,216	112	0.33
1940 monthly average ..	41,366	1,122,910	3,223	0.69	0.63	0.63	1,246,450	5,129	6,584	580,693	96	0.38
1941 monthly average ..	53,507	1,107,185	1,640	0.77	0.70	0.67	1,182,509	6,707	7,669	599,639	349	0.41
1942 monthly average ..	51,012	1,168,949	849	1.00	0.83	0.82	1,342,681	8,533	6,839	653,785	186	0.52
1943 monthly average ..	21,042	1,109,127	455	1.19	1.13	1.00	1,139,831	11,660	11,070	591,148	341	0.71
1944 monthly average ..	11,970	973,608	883	1.28	1.13	1.10	1,149,260	10,635	11,184	566,638	298	0.72
1945 monthly average ..	12,275	1,040,044	1,339	1.27	1.17	1.07	1,535,676	16,290	24,258	720,798	661	0.71
1946 monthly average ..	17,238	954,857	1,454	1.79	1.63	1.38	1,497,904	16,523	16,762	721,557	2,392	0.82
1947												
January.....	31,667	.....	9,322	1.43	1.33	1.21	.....	11,220	7,360	.....	2,711	0.84
February.....	34,505	.....	12,427	1.51	1.42	1.31	.....	9,066	6,162	.....	1,062	0.84
March.....	37,387	1,276,329	15,181	1.74	1.73	1.59	.....	15,333	6,321	532,895	1,663	0.94
April.....	29,112	.....	18,672	1.78	1.78	1.69	.....	11,605	5,389	.....	1,117	0.92
May.....	16,273	.....	27,820	1.79	1.78	1.68	.....	13,917	4,607	.....	1,649	0.95
June.....	11,233	677,375	18,108	2.14	2.10	1.95	.....	12,439	5,038	257,099	2,943	1.02
July.....	11,841	.....	16,452	(9)	2.17	1.99	.....	16,236	5,592	.....	2,411	0.95
August.....	7,675	.....	5,913	2.74	2.35	2.30	.....	29,125	15,861	.....	1,087	1.01
September.....	7,910	254,210	2,089	2.58	2.51	2.37	.....	26,015	26,644	951,716	807	1.16
October.....	7,284	.....	1,667	2.51	2.40	2.28	.....	16,260	27,797	.....	906	1.20
November.....	11,648	.....	1,624	2.46	2.42	2.34	.....	7,583	22,103	.....	3,165	1.24
December.....	13,218	1,506,283	1,084	2.57	2.61	2.49	.....	8,594	14,037	733,303	2,099	1.27
Monthly average.....	18,313	928,549	10,863	2.12	2.05	1.93	1,199,422	14,783	12,243	618,753	1,802	1.03
1948												
January.....	17,035	.....	629	2.69	2.71	2.58	.....	11,684	9,968	.....	2,910	1.40
February.....	20,996	.....	970	(9)	2.25	2.15	.....	5,804	7,077	.....	1,562	1.27
March.....	9,293	842,608	907	2.44	2.30	2.23	.....	8,411	3,288	405,082	1,296	1.30
April.....	7,520	.....	1,312	2.39	2.32	2.26	.....	8,203	1,937	.....	1,537	1.25
May.....	5,006	.....	439	2.39	2.31	2.25	.....	8,700	1,700	.....	862	1.17
June.....	5,210	423,006	608	2.45	2.32	2.26	.....	9,046	1,841	169,707	2,095	1.11
July.....	1,972	.....	581	2.28	2.14	2.10	.....	14,780	3,821	.....	1,427	0.77
August.....	677	.....	587	2.25	1.95	1.95	.....	27,329	18,889	.....	418	0.72
September.....	1,522	114,035	523	2.21	1.81	1.76	.....	14,497	18,902	1,188,460	1,792	0.75
October.....	4,621	.....	1,225	1.48	1.47	1.38	.....	9,864	15,031	.....	3,552	0.78
November.....	39,002	.....	6,890	1.45	1.38	1.27	.....	8,861	10,424	.....	2,530	0.88
December.....	50,330	2,547,912	11,040	1.44	1.42	1.33	.....	9,335	11,434	928,377	2,936	0.87
Monthly average.....	13,599	981,890	2,143	2.13	2.03	1.96	1,493,304	11,376	8,693	672,907	1,910	1.02
1949												
January.....	50,639	.....	11,355	1.46	1.43	1.30	.....	9,321	9,544	.....	2,988	0.82
February.....	43,903	.....	13,081	(9)	1.27	1.16	.....	5,311	5,916	.....	2,539	0.74
March.....	25,895	1,797,522	21,267	1.43	1.34	1.22	.....	8,915	4,215	578,832	1,392	0.75
April.....	15,266	.....	11,251	1.40	1.37	1.32	.....	10,175	3,635	.....	1,869	0.74
May.....	11,589	.....	8,209	1.41	1.36	1.28	.....	9,874	4,129	.....	503	0.70
June.....	10,888	1,255,166	4,611	(9)	1.35	1.28	.....	13,988	6,167	270,501	3,182	0.67
July.....	5,744	.....	7,826	1.45	1.40	1.33	.....	33,804	17,745	.....	562	0.64
August.....	5,711	.....	8,369	1.34	1.31	1.26	.....	24,804	30,095	.....	6,719	0.64
September.....	9,614	708,443	7,116	1.26	1.31	1.24	.....	9,338	26,706	1,059,027	1,765	0.68
October.....	20,020	.....	7,513	1.39	1.15	1.13	.....	5,953	25,254	.....	1,045	0.69
November.....	46,400	.....	20,561	1.31	1.16	1.14	.....	5,460	21,218	.....	2,460	0.76
December.....	51,688	2,405,778	13,470	1.45	1.30	1.25	.....	7,163	19,029	824,510	578	0.76
Monthly average.....	24,780	1,541,727	11,219	1.39	1.31	1.24	1,329,473	12,009	14,554	683,218	2,134	0.72
1950												
January.....	47,521	.....	10,082	1.44	1.29	1.25	.....	6,862	16,050	.....	268	0.75
February.....	45,319	.....	8,628	1.44	1.30	1.26	.....	4,670	13,130	.....	658	0.77
March.....	47,440	1,637,208	6,161	1.49	1.34	1.31	.....	7,660	12,099	484,685	171	0.78
April.....	43,910	.....	5,907	(9)	1.43	1.42	.....	8,041	11,295	.....	450	0.84
May.....	43,177	.....	7,393	(9)	1.48	1.48	.....	8,343	11,517	.....	388	0.91
June.....	42,874	1,060,377	6,644	(9)	1.49	1.46	.....	7,313	11,268	192,392	579	0.95
July.....	39,434	.....	7,117	(9)	1.56	1.53	.....	9,066	12,510	.....	1,055	0.89
August.....	39,768	.....	10,938	(9)	1.53	1.51	.....	17,102	18,275	.....	333	0.78
September.....	40,127	486,150	5,317	(9)	1.54	1.50	.....	11,013	22,020	1,168,742	257	0.82
October.....	38,779	.....	7,176	1.53	1.52	1.46	.....	8,977	20,381	.....	366	0.81
November.....	52,137	.....	10,355	1.76	1.58	1.50	.....	7,211	18,226	.....	432	0.93
December.....	59,365	2,160,548	11,151	(9)	1.69	1.56	.....	7,370	17,698	907,660	324	0.98
Monthly average.....	44,988	1,336,071	8,072	1.53	1.48	1.44	1,465,134	8,636	15,372	688,370	440	0.85

For footnotes giving source of data and description of series, see pp. 254, 255.

FOODSTUFFS AND TOBACCO—GRAINS AND GRAIN PRODUCTS—Continued

YEAR AND MONTH	RICE								RYE				
	Production (crop estimate for the year) ¹	California ²			Southern States (Ark., La., Tenn., Tex.) ³			Exports ⁴	Price, whole-sale, head, clean (New Orleans) ⁵	Production (crop estimate for the year) ¹	Receipts, principal markets ⁶	Stocks, commercial, domestic, end of month ⁷	Price, whole-sale, No. 2 (Minneapolis) ⁸
		Receipts, domestic, rough	Shipments from mills, milled rice	Stocks, rough and cleaned (cleaned basis), end of month	Receipts, rough, at mills	Shipments from mills, milled rice	Stocks, domestic, rough and cleaned (cleaned basis), end of month						
Thous. of bags ⁹	Thousands of pounds							Dollars per lb.	Thousands of bushels (56 pounds)		Dollars per bu.		
1935 monthly average ..	17,753	29,551	15,126	28,552	125,309	75,615	174,966	13,750	0.040	56,938	1,132	9,009	0.55
1936 monthly average ..	22,419	20,083	11,144	25,786	113,354	78,146	165,503	1,830	.040	24,239	1,405	6,688	.71
1937 monthly average ..	24,040	30,746	15,816	34,195	135,408	91,109	220,567	17,041	.036	48,862	1,741	3,874	.92
1938 monthly average ..	23,628	27,293	13,924	28,488	176,132	98,800	232,179	26,503	.033	55,984	1,672	4,836	.54
1939 monthly average ..	24,328	25,744	12,968	40,383	143,112	99,399	272,449	25,303	.034	38,562	1,665	8,552	.49
1940 monthly average ..	24,495	30,600	16,859	44,140	179,197	110,501	265,041	28,054	.037	39,725	1,280	9,087	.54
1941 monthly average ..	23,095	33,673	18,282	34,911	150,084	106,171	231,720	37,580	.046	43,878	2,612	10,718	.59
1942 monthly average ..	29,082	33,765	18,717	27,570	177,713	112,664	147,698	29,199	.069	52,929	1,695	17,908	.67
1943 monthly average ..	29,264	45,458	29,294	29,764	175,641	115,781	181,829	50,028	.067	28,680	2,092	21,729	.95
1944 monthly average ..	30,974	49,917	31,782	34,625	183,148	105,718	211,955	40,454	.066	22,525	1,168	17,808	1.17
1945 monthly average ..	30,668	57,804	39,272	32,814	192,439	123,144	230,256	42,446	.066	23,952	995	6,897	1.48
1946 monthly average ..	32,497	51,919	34,795	29,922	175,524	120,030	234,161	64,412	.076	18,879	536	1,721	12.38
1947													
January.....	86,332	60,198	33,430	108,445	180,658	353,368	76,206	.090	.....	469	2,465	2.86	
February.....	75,882	55,684	29,067	68,442	145,231	252,329	171,001	.090	.....	322	2,336	3.11	
March.....	79,187	39,326	41,732	33,478	113,034	161,966	58,285	.090	.....	354	2,139	3.54	
April.....	59,434	47,823	33,597	21,602	68,149	107,122	84,858	.089	.....	238	1,878	3.11	
May.....	58,317	49,597	23,841	13,412	51,461	62,828	60,366	.090	.....	138	1,359	3.19	
June.....	29,988	24,209	17,316	17,336	24,631	48,446	52,410	.090	.....	102	1,024	3.03	
July.....	20,739	15,418	16,955	16,081	47,694	12,098	23,027	.126	.....	220	556	2.54	
August.....	4,100	14,150	5,999	94,059	31,501	40,691	21,772	.125	.....	2,634	2,214	2.47	
September.....	7,522	6,891	4,206	542,370	181,836	208,146	61,979	.118	.....	2,084	3,824	2.82	
October.....	149,012	44,308	55,572	952,141	312,232	508,982	119,267	.114	.....	1,366	4,262	2.85	
November.....	87,717	44,912	65,898	408,398	278,838	493,680	140,760	.121	.....	512	4,427	2.82	
December.....	50,962	29,161	68,340	151,502	162,090	428,219	91,448	.122	.....	443	4,072	2.77	
Monthly average.....	35,217	59,099	35,973	32,996	202,272	133,113	223,156	80,282	.106	25,975	740	2,547	2.93
1948													
January.....	58,208	54,875	53,901	99,841	130,523	366,668	31,671	.127	.....	437	3,636	2.76	
February.....	82,010	79,646	29,254	58,880	89,254	314,789	105,046	.134	.....	367	2,688	2.41	
March.....	72,810	27,317	48,646	33,900	95,263	241,487	63,656	.129	.....	609	1,521	2.56	
April.....	102,109	66,780	49,640	25,424	122,578	136,950	93,218	.129	.....	654	1,286	2.53	
May.....	63,423	47,603	40,661	33,592	82,400	74,884	140,236	.138	.....	657	954	2.41	
June.....	38,635	33,947	29,441	20,872	50,220	39,435	19,161	.159	.....	438	531	2.25	
July.....	32,446	26,491	22,680	731	24,939	16,191	7,663	.165	.....	1,057	901	1.78	
August.....	3,630	17,818	7,607	186,970	77,160	59,544	19,210	.163	.....	3,634	3,205	1.60	
September.....	3,030	3,082	6,494	595,107	168,941	274,029	40,827	(10)	.....	2,084	4,469	1.50	
October.....	97,925	29,478	37,848	809,381	242,475	550,999	83,413	.100	.....	1,946	4,322	1.65	
November.....	89,946	28,920	65,300	421,477	229,040	596,561	117,945	.091	.....	1,714	5,376	1.73	
December.....	40,833	42,987	46,946	240,495	219,803	538,478	146,867	.103	.....	1,858	4,740	1.68	
Monthly average.....	38,275	57,084	38,245	36,535	210,556	127,716	267,501	72,409	11 .130	26,449	1,288	2,802	2.07
1949													
January.....	53,677	21,904	58,125	88,087	149,711	448,888	92,263	.098	.....	735	3,980	1.63	
February.....	27,300	18,049	57,892	110,792	130,522	391,859	69,718	.093	.....	245	2,971	1.36	
March.....	37,216	19,003	60,329	141,767	136,280	342,268	51,419	.093	.....	431	2,075	1.35	
April.....	55,691	61,988	39,413	107,810	120,202	294,393	117,048	.092	.....	3,348	3,618	1.36	
May.....	48,912	30,421	38,877	66,797	134,241	206,899	106,815	.091	.....	727	2,732	1.36	
June.....	45,785	26,728	40,224	61,063	132,777	115,520	60,955	.089	.....	748	2,993	1.35	
July.....	46,994	31,908	36,281	29,662	78,233	58,250	88,771	.087	.....	1,772	4,091	1.45	
August.....	68,741	64,909	14,028	126,510	74,950	66,603	40,375	.084	.....	3,131	6,170	1.38	
September.....	48,951	26,998	17,079	686,359	178,647	328,090	63,015	.071	.....	1,043	5,435	1.43	
October.....	236,211	48,435	118,083	665,764	252,141	508,041	136,675	.070	.....	2,194	5,401	1.46	
November.....	39,427	22,610	119,271	587,780	212,584	675,571	109,089	.077	.....	5,071	10,005	1.42	
December.....	65,207	81,654	84,784	236,707	243,272	589,101	200,906	.082	.....	569	9,338	1.46	
Monthly average.....	40,747	64,509	37,884	57,032	241,968	154,087	335,457	94,754	.086	18,739	1,668	4,901	1.42
1950													
January.....	32,953	31,183	73,728	93,218	186,783	468,071	188,303	.082	.....	300	8,280	1.43	
February.....	45,493	33,990	63,891	63,919	78,592	430,249	41,150	.081	.....	263	7,643	1.34	
March.....	83,503	34,770	78,428	76,452	94,348	384,497	24,698	.080	.....	323	7,321	1.39	
April.....	50,081	29,175	75,125	70,748	79,203	351,624	29,928	.081	.....	303	6,278	1.39	
May.....	80,597	37,907	83,226	72,536	92,608	305,208	22,115	.081	.....	1,121	5,977	1.44	
June.....	111,988	110,244	50,908	39,350	142,501	188,747	82,607	.081	.....	722	5,900	1.42	
July.....	109,357	73,299	47,911	41,154	126,695	90,151	197,345	.085	.....	1,484	5,786	1.48	
August.....	65,702	73,075	14,179	289,728	145,146	132,419	83,407	.090	.....	2,986	7,174	1.38	
September.....	16,204	11,100	14,274	715,391	266,891	328,120	162,532	.085	.....	1,576	7,694	1.39	
October.....	163,842	24,661	91,714	999,638	225,808	757,612	107,336	.089	.....	887	7,518	1.37	
November.....	58,484	37,295	90,474	402,280	170,603	857,876	81,930	.099	.....	665	7,716	1.46	
December.....	42,174	58,099	57,204	126,718	167,798	776,126	77,914	.098	.....	2,689	7,871	1.63	
Monthly average.....	37,971	71,698	46,233	61,755	249,261	148,081	422,558	91,605	.086	22,977	1,110	7,097	1.43

For footnotes giving source of data and description of series, see p. 255.

FOODSTUFFS AND TOBACCO—GRAINS AND GRAIN PRODUCTS—Continued

YEAR AND MONTH	WHEAT												
	Production (crop estimate for the year) ¹			Receipts, principal markets ²	Disappearance (quarterly total or average) ³	Stocks, end of month ⁴						Exports ⁵	
						Canada	United States, domestic						
	Total	Spring wheat	Winter wheat			Canadian wheat	Total	Commercial	Interior mills, elevators, and warehouses	Merchant mills	On farms	Total, including flour	Wheat only
Thousands of bushels													
1935 monthly average ..	628,227	158,815	469,412	17,456	164,764	209,177	361,215	58,349	69,331	89,479	144,847	1,311	19
1936 monthly average ..	629,880	106,277	523,603	18,247	181,761	143,814	329,099	59,790	65,610	86,276	122,129	1,590	157
1937 monthly average ..	873,914	185,340	688,574	26,389	175,170	58,308	395,861	73,770	79,785	90,027	156,104	4,648	2,904
1938 monthly average ..	919,913	234,735	685,178	27,789	201,599	80,496	492,565	89,420	104,108	89,637	212,661	9,284	7,242
1939 monthly average ..	741,210	175,538	565,672	28,880	195,555	186,553	520,781	116,143	104,654	98,775	206,948	8,302	5,268
1940 monthly average ..	814,646	221,837	592,809	28,488	174,316	320,418	578,539	138,512	119,729	103,814	218,523	3,460	1,198
1941 monthly average ..	941,970	268,243	673,727	32,283	167,853	447,325	773,027	209,235	167,116	112,194	283,636	3,387	1,092
1942 monthly average ..	969,381	267,222	702,159	31,198	204,512	419,915	991,352	249,337	206,264	127,653	387,145	2,270	551
1943 monthly average ..	843,813	306,337	537,476	53,344	306,977	385,227	861,764	190,906	159,150	116,555	354,125	3,634	987
1944 monthly average ..	1,060,111	308,210	751,901	56,126	293,658	298,931	692,093	144,953	113,928	103,975	307,130	4,175	836
1945 monthly average ..	1,108,224	290,390	817,834	47,856	315,267	240,150	634,901	116,801	115,675	90,197	300,103	15,489	10,720
1946 monthly average ..	1,153,046	282,321	870,725	41,780	298,213	99,721	505,941	63,954	85,312	69,995	289,388	24,920	15,595
1947													
January.....	.....	.....	.....	37,672	333,751	131,939	.....	48,432	.....	.....	.....	39,604	19,508
February.....	.....	.....	.....	36,869		119,006	.....	44,745	.....	.....	.....	39,202	18,870
March.....	.....	.....	.....	37,141		105,280	308,549	32,838	61,000	71,957	139,851	42,327	20,587
April.....	.....	.....	.....	37,520	224,740	93,964	.....	24,440	.....	.....	.....	37,104	15,812
May.....	.....	.....	.....	25,726		80,514	.....	15,780	.....	.....	.....	40,950	13,729
June.....	.....	.....	.....	26,378		67,654	83,813	8,129	10,116	24,591	40,477	37,447	10,354
July.....	.....	.....	.....	122,126	321,904	55,675	.....	114,913	.....	.....	.....	39,540	20,047
August.....	.....	.....	.....	91,342		58,688	.....	167,718	.....	.....	.....	55,504	38,605
September.....	.....	.....	.....	74,023		113,863	1,129,099	175,069	203,338	135,346	611,356	45,109	29,132
October.....	.....	.....	.....	68,185	327,525	146,292	.....	166,359	.....	.....	.....	40,837	26,366
November.....	.....	.....	.....	44,065		130,639	.....	152,400	.....	.....	.....	36,217	25,933
December.....	.....	.....	.....	40,678		126,282	801,612	141,889	116,827	111,130	428,666	37,609	26,421
Monthly average.....	1,367,186	299,138	1,068,048	53,477	301,980	102,483	580,768	91,059	97,820	85,756	305,088	40,954	22,114
1948													
January.....	.....	.....	.....	35,022	321,536	115,735	.....	124,041	.....	.....	.....	44,488	24,502
February.....	.....	.....	.....	16,053		98,957	.....	97,989	.....	.....	.....	38,396	27,121
March.....	.....	.....	.....	14,967		85,835	480,153	70,174	75,434	73,714	256,986	32,784	21,534
April.....	.....	.....	.....	23,209	284,167	72,082	.....	56,694	.....	.....	.....	34,817	21,118
May.....	.....	.....	.....	30,520		53,096	.....	49,622	.....	.....	.....	32,780	19,707
June.....	.....	.....	.....	50,471		48,305	195,991	34,065	30,645	34,240	94,511	42,072	24,527
July.....	.....	.....	.....	150,846	347,131	34,765	.....	169,181	.....	.....	.....	48,068	32,748
August.....	.....	.....	.....	85,359		64,533	.....	216,633	.....	.....	.....	57,161	39,923
September.....	.....	.....	.....	75,714		160,812	1,162,399	219,111	251,154	129,233	558,941	48,866	34,732
October.....	.....	.....	.....	46,870	293,939	180,518	.....	206,600	.....	.....	.....	46,481	35,919
November.....	.....	.....	.....	28,534		169,448	.....	181,917	.....	.....	.....	30,916	19,756
December.....	.....	.....	.....	30,397		166,144	868,474	166,348	203,933	103,113	391,379	39,094	25,917
Monthly average.....	1,313,534	305,671	1,007,863	48,997	311,693	104,186	676,754	132,698	140,292	85,075	325,454	41,327	27,292
1949													
January.....	.....	.....	.....	17,923	283,384	155,367	.....	150,165	.....	.....	.....	40,630	29,181
February.....	.....	.....	.....	14,067		142,276	.....	125,504	.....	.....	.....	41,457	30,839
March.....	.....	.....	.....	36,604		130,737	585,163	124,656	147,878	63,229	246,024	39,095	32,358
April.....	.....	.....	.....	27,560	278,631	118,551	.....	116,806	.....	.....	.....	29,826	23,034
May.....	.....	.....	.....	49,082		89,097	.....	114,242	.....	.....	.....	46,555	40,617
June.....	.....	.....	.....	64,749		70,146	307,767	128,158	76,239	32,401	67,172	36,392	30,313
July.....	.....	.....	.....	130,305	285,035	55,199	.....	234,493	.....	.....	.....	31,796	24,789
August.....	.....	.....	.....	76,031		86,400	.....	260,412	.....	.....	.....	37,369	34,230
September.....	.....	.....	.....	50,170		162,524	1,164,017	261,109	287,432	134,731	471,473	33,495	30,082
October.....	.....	.....	.....	27,586	255,128	176,459	.....	244,664	.....	.....	.....	26,533	22,637
November.....	.....	.....	.....	24,296		165,267	.....	227,502	.....	.....	.....	24,067	20,482
December.....	.....	.....	.....	18,492		165,657	908,948	219,038	237,424	117,739	326,942	26,094	21,655
Monthly average.....	1,141,188	246,087	895,101	44,739	275,545	126,473	741,474	183,896	187,243	87,025	277,903	34,442	28,351
1950													
January.....	.....	.....	.....	18,385	244,485	152,065	.....	199,613	.....	.....	.....	22,001	18,055
February.....	.....	.....	.....	17,347		146,506	.....	189,447	.....	.....	.....	22,590	19,229
March.....	.....	.....	.....	19,584		136,625	664,689	180,659	190,884	88,423	199,175	23,288	18,810
April.....	.....	.....	.....	17,856	243,231	124,611	.....	173,136	.....	.....	.....	26,768	21,559
May.....	.....	.....	.....	22,154		108,447	.....	169,293	.....	.....	.....	18,553	15,432
June.....	.....	.....	.....	38,820		100,743	423,265	168,497	126,027	55,934	67,907	21,490	17,635
July.....	.....	.....	.....	82,214	245,370	97,810	.....	219,702	.....	.....	.....	20,319	14,789
August.....	.....	.....	.....	61,948		85,886	.....	256,411	.....	.....	.....	15,494	12,446
September.....	.....	.....	.....	45,302		158,197	1,205,052	260,104	319,150	137,422	483,642	19,112	15,799
October.....	.....	.....	.....	48,301	206,867	197,072	.....	261,313	.....	.....	.....	19,114	16,487
November.....	.....	.....	.....	39,472		212,742	.....	253,690	.....	.....	.....	19,557	16,367
December.....	.....	.....	.....	33,151		221,548	999,987	247,318	282,191	129,357	335,670	24,140	19,456
Monthly average.....	1,026,755	276,089	750,666	37,045	234,988	145,188	823,248	214,932	229,563	102,784	271,599	21,036	17,172

For footnotes giving source of data and description of series, see pp. 255, 256.

FOODSTUFFS AND TOBACCO—GRAINS AND GRAIN PRODUCTS—Continued

YEAR AND MONTH	WHEAT				WHEAT FLOUR							
	Prices, wholesale ¹				Production ²			Grind-ings of wheat ²	Stocks held by mills, end of quarter ³	Exports ⁴	Prices, wholesale ⁵	
	No. 1, dark northern spring (Minneapolis)	No. 2, hard winter (Kansas City)	No. 2, red winter (St. Louis)	Weighted average, 6 mar-kets, all grades	Flour	Opera-tions, percent of capacity	Offal				Standard patents (Minne-apolis)	Winter straights (Kansas City)
	Dollars per bushel				Thousands of sacks (100 lb.)		Thousands of short tons	Thousands of bushels	Thousands of sacks (100 lb.)	Dollars per sack (100 lb.)		
1935 monthly average ..	1.21	1.04	.98	1.04	15,801	50.9	327	36,929	7,501	539	3.92	3.16
1936 monthly average ..	1.36	1.13	1.13	1.14	16,526	52.7	354	38,997	8,666	598	3.49	2.78
1937 monthly average ..	1.42	1.21	1.22	1.21	16,378	53.1	349	38,524	8,530	727	3.43	2.86
1938 monthly average ..	.96	.78	.78	.79	16,756	54.6	349	39,264	7,982	852	2.71	2.23
1939 monthly average ..	.84	.76	.80	.79	18,190	58.6	374	42,474	8,198	1,265	2.67	1.98
1940 monthly average ..	.92	.87	.94	.89	17,725	56.7	359	41,242	8,429	943	2.55	2.20
1941 monthly average ..	1.02	.99	1.04	.98	18,067	59.8	363	42,025	8,070	957	2.77	2.42
1942 monthly average ..	1.21	1.19	1.29	1.17	18,425	61.5	370	42,942	7,538	717	3.05	2.78
1943 monthly average ..	1.45	1.44	1.63	1.44	19,825	65.6	393	45,925	8,950	1,104	3.27	3.00
1944 monthly average ..	1.63	1.60	1.64	1.61	20,283	67.8	407	47,092	7,156	1,408	3.34	3.18
1945 monthly average ..	1.71	1.65	1.74	1.67	22,867	76.5	467	53,393	6,218	2,047	3.34	3.18
1946 monthly average ..	1.99	1.89	2.13	1.94	23,242	77.0	408	52,062	4,359	4,138	4.21	4.13
1947												
January.....	2.25	2.09	2.33	2.18	28,189	92.3	561	65,230	.....	8,625	5.88	5.66
February.....	2.31	2.26	2.39	2.28	24,965	93.2	496	57,742	.....	8,726	5.93	5.83
March.....	2.71	2.69	2.81	2.67	27,701	91.4	551	63,944	5,627	9,331	6.97	6.63
April.....	2.64	2.68	2.74	2.62	24,955	82.3	489	57,395	.....	9,138	6.72	6.62
May.....	2.68	2.69	2.70	2.64	24,641	81.1	470	56,310	.....	11,683	6.50	6.32
June.....	2.72	2.37	2.59	2.56	24,416	83.9	469	56,025	4,429	11,628	6.43	5.63
July.....	2.94	2.29	2.37	2.40	25,170	83.2	477	57,610	.....	8,898	6.77	5.49
August.....	2.71	2.32	2.38	2.47	26,200	86.4	503	60,224	.....	7,493	6.49	5.60
September.....	2.84	2.65	2.70	2.80	25,033	85.8	479	57,296	4,996	7,150	6.93	6.14
October.....	3.17	2.95	2.95	3.09	26,594	84.3	511	61,006	.....	6,462	7.43	6.70
November.....	3.23	3.00	3.02	3.15	23,916	89.0	454	54,738	.....	4,546	7.64	6.90
December.....	3.16	3.01	3.09	3.11	23,713	78.0	453	54,279	5,972	4,954	7.26	6.74
Monthly average.....	2.78	2.58	2.67	2.66	25,458	85.6	493	58,483	5,256	8,219	6.76	6.20
1948												
January.....	3.20	3.03	3.12	3.15	24,398	80.0	465	55,675	.....	8,940	7.18	6.74
February.....	2.76	2.51	2.87	2.68	21,196	78.1	406	48,438	.....	5,015	6.29	5.74
March.....	2.67	2.45	2.54	2.61	21,970	69.0	420	50,111	5,078	4,999	6.16	5.65
April.....	2.67	2.45	2.55	2.61	22,284	72.6	426	50,775	.....	6,100	6.08	5.57
May.....	2.62	2.40	2.44	2.60	22,880	77.7	435	52,385	.....	5,806	5.85	5.42
June.....	2.60	2.29	2.32	2.56	23,038	75.1	442	52,923	4,638	7,782	5.77	5.09
July.....	2.43	2.19	2.25	2.31	24,403	980.0	471	56,202	.....	6,752	5.66	5.11
August.....	2.32	2.15	2.16	2.22	25,171	982.8	482	57,907	.....	7,572	5.60	5.18
September.....	2.35	2.20	2.24	2.26	23,619	980.9	455	54,291	4,847	6,317	5.59	5.13
October.....	2.39	2.23	2.26	2.28	24,380	981.0	466	55,891	.....	4,713	5.78	5.14
November.....	2.47	2.28	2.36	2.37	23,099	983.2	438	52,892	.....	5,038	5.95	5.19
December.....	2.40	2.29	2.44	2.31	22,695	975.5	431	51,986	5,213	5,897	5.71	5.23
Monthly average.....	2.57	2.37	2.46	2.50	23,261	77.7	445	53,290	4,944	6,246	5.98	5.45
1949												
January.....	2.35	2.25	2.29	2.29	22,498	1090.5	428	51,576	.....	5,062	5.45	5.14
February.....	2.34	2.20	2.29	2.25	19,849	84.0	380	45,598	.....	4,784	5.47	5.12
March.....	2.35	2.24	2.33	2.28	20,271	74.2	392	46,685	5,540	3,041	5.40	5.11
April.....	2.34	2.26	2.37	2.29	17,084	68.7	334	39,402	.....	3,044	5.27	4.98
May.....	2.33	2.22	2.34	2.25	17,225	69.5	338	39,782	.....	2,623	5.26	4.94
June.....	2.37	1.95	1.83	2.16	19,990	77.0	390	46,141	4,550	2,727	5.51	4.87
July.....	2.38	2.00	1.87	2.10	18,889	80.4	390	44,021	.....	3,007	5.58	4.92
August.....	2.29	2.06	1.87	2.19	19,826	73.5	405	46,358	.....	1,347	5.34	4.87
September.....	2.37	2.15	2.01	2.25	20,248	82.4	413	47,337	4,804	1,465	5.60	5.07
October.....	2.43	2.19	2.08	2.28	20,787	84.3	424	48,532	.....	1,672	5.72	5.17
November.....	2.40	2.20	2.16	2.27	19,100	77.5	389	44,674	.....	1,539	5.74	5.12
December.....	2.38	2.22	2.20	2.27	18,584	75.4	378	43,369	4,998	1,905	5.67	5.12
Monthly average.....	2.36	2.16	2.14	2.24	19,529	78.0	388	45,290	4,973	2,685	5.50	5.04
1950												
January.....	2.37	2.22	2.22	2.26	19,165	78.4	385	44,576	.....	1,694	5.61	5.14
February.....	2.33	2.22	2.16	2.25	17,705	75.9	356	41,172	.....	1,442	5.62	5.19
March.....	2.36	2.27	2.29	2.30	20,043	74.7	402	46,596	4,911	1,922	5.60	5.27
April.....	2.37	2.31	2.33	2.32	16,864	72.2	337	39,178	.....	2,235	5.66	5.28
May.....	2.45	2.30	2.33	2.37	18,360	71.3	369	42,690	.....	1,339	5.69	5.16
June.....	2.45	2.17	2.16	2.30	17,675	68.9	353	41,065	4,635	1,655	5.69	5.00
July.....	2.53	2.23	2.19	2.30	18,970	81.6	383	44,175	.....	2,374	5.93	5.17
August.....	2.44	2.21	2.16	2.29	21,079	79.6	422	49,099	.....	1,308	5.91	5.16
September.....	2.42	2.21	2.14	2.29	18,869	82.3	374	43,807	4,931	1,422	5.98	5.15
October.....	2.37	2.18	2.13	2.24	18,811	74.5	375	43,719	.....	1,127	5.73	5.24
November.....	2.39	2.22	2.20	2.27	18,498	76.8	377	42,901	.....	1,369	5.74	5.28
December.....	2.46	2.35	2.33	2.36	19,658	85.8	390	45,546	5,011	2,010	5.93	5.48
Monthly average.....	2.41	2.24	2.22	2.29	18,808	76.8	377	43,711	4,872	1,658	5.75	5.22

For footnotes giving source of data and description of series, see pp. 256, 257.

FOODSTUFFS AND TOBACCO—LIVESTOCK

YEAR AND MONTH	CATTLE AND CALVES						HOGS				SHEEP AND LAMBS			
	Slaughter (Federally inspected) ¹		Receipts, principal markets ²	Shipments, feeder, to 8 corn-belt States ³	Prices, wholesale			Slaughter (Federally inspected) ¹	Receipts, principal markets ²	Prices ⁴		Slaughter (Federally inspected) ¹	Receipts, principal markets ²	Shipments, feeder, to 8 corn-belt States ³
	Calves	Cattle			Beef steers (Chicago) ⁴	Steers, stocker and feeder (Kansas City) ⁴	Calves, vealers, (Chicago) ⁵			Whole-sale, average, all grades (Chicago)	Hog-corn price ratio (bushels of corn equal in value to 100 pounds of live hog)			
		Thousands of animals			Dollars per 100 pounds			Thousands of animals		Dol. per 100 lb.	Thousands of animals			
1935 monthly average ..	477	821	1,800	.....	10.26	6.88	8.91	2,171	1,630	9.27	11.6	1,470	2,131	.....
1936 monthly average ..	506	915	1,882	.....	8.82	6.39	9.24	3,005	2,200	9.89	13.0	1,435	2,054	.....
1937 monthly average ..	523	839	1,868	.....	11.47	7.72	10.29	2,637	1,889	10.02	11.1	1,439	2,082	.....
1938 monthly average ..	458	815	1,720	132	9.39	7.54	9.96	3,016	2,067	8.09	16.0	1,505	2,133	231
1939 monthly average ..	439	787	1,705	174	9.75	8.09	10.11	3,447	2,331	6.57	13.3	1,437	1,985	258
1940 monthly average ..	447	813	1,697	170	10.43	8.53	10.62	4,200	2,880	5.71	9.2	1,446	1,896	278
1941 monthly average ..	455	912	1,780	200	11.33	9.93	12.11	3,877	2,555	9.45	14.2	1,510	1,901	307
1942 monthly average ..	490	1,029	2,055	214	13.79	11.75	13.53	4,491	2,868	13.70	16.5	1,802	2,351	332
1943 monthly average ..	434	977	1,990	197	15.30	12.35	14.45	5,286	3,423	14.31	13.6	1,947	2,539	356
1944 monthly average ..	647	1,163	2,317	190	15.44	11.78	14.22	5,751	3,709	13.57	11.6	1,823	2,434	279
1945 monthly average ..	585	1,212	2,437	213	16.18	13.07	15.16	3,413	2,112	14.66	12.8	1,768	2,305	288
1946 monthly average ..	487	951	2,341	245	19.16	15.87	16.87	3,699	2,372	18.40	12.6	1,657	2,179	268
1947														
January.....	591	1,403	2,404	154	22.16	17.68	24.75	5,844	3,469	22.45	18.1	1,542	1,669	171
February.....	521	1,143	1,959	98	21.94	18.96	25.88	3,897	2,314	25.70	19.8	1,271	1,408	198
March.....	644	1,228	2,290	161	23.30	20.13	24.65	3,406	2,017	27.10	17.7	1,237	1,293	133
April.....	678	1,203	2,208	131	22.93	19.91	23.00	3,616	2,248	23.49	14.7	1,322	1,506	136
May.....	627	1,264	2,154	100	24.06	21.33	24.88	3,831	2,270	22.24	14.0	1,355	1,713	128
June.....	621	1,207	2,384	120	25.87	21.11	24.45	3,653	2,329	22.06	11.9	1,329	1,982	134
July.....	656	1,274	2,440	157	27.85	21.91	22.94	3,455	2,208	22.11	10.9	1,280	1,677	166
August.....	628	1,217	2,259	198	28.84	21.22	23.06	2,731	1,774	23.74	10.8	1,253	1,688	283
September.....	719	1,407	3,199	395	29.54	21.65	25.10	2,948	1,942	26.66	11.1	1,458	2,452	556
October.....	813	1,497	3,385	621	29.82	20.96	26.13	3,978	2,307	27.81	12.2	1,697	2,871	677
November.....	762	1,337	2,647	321	29.52	21.32	26.06	5,501	3,304	24.96	11.1	1,471	1,833	393
December.....	673	1,346	2,233	145	29.08	23.59	27.75	6,254	3,771	26.31	10.6	1,451	1,587	131
Monthly average.....	661	1,294	2,463	217	25.83	20.87	24.93	4,093	2,496	24.45	13.6	1,389	1,807	259
1948														
January.....	586	1,312	2,028	103	29.16	26.31	30.13	5,223	3,272	26.71	10.8	1,347	1,428	81
February.....	511	977	1,493	59	26.43	24.15	27.25	3,746	2,305	22.25	11.2	1,209	1,255	64
March.....	566	986	1,680	54	26.71	25.57	26.20	3,574	2,309	21.40	10.2	1,175	1,259	65
April.....	550	899	1,890	82	28.43	26.62	26.75	3,343	2,464	19.79	9.3	1,045	1,211	69
May.....	509	877	1,899	117	31.33	27.60	29.10	3,562	2,665	20.15	9.2	978	1,382	106
June.....	620	1,109	2,127	134	34.72	26.96	26.88	4,235	2,863	23.10	10.6	1,262	1,590	149
July.....	577	1,046	1,887	138	36.37	28.25	28.31	3,044	2,022	25.17	12.5	1,195	1,409	61
August.....	569	1,086	2,311	221	35.22	27.40	29.30	2,440	1,706	26.89	14.1	1,264	1,932	229
September.....	599	1,178	2,548	390	34.03	25.42	30.25	2,836	1,844	27.75	15.4	1,464	2,612	495
October.....	633	1,176	2,722	606	32.05	24.41	30.75	4,098	2,361	25.48	17.9	1,632	2,512	548
November.....	614	1,151	2,511	461	30.71	24.52	30.80	5,425	3,272	22.68	18.0	1,444	1,786	367
December.....	572	1,197	1,855	195	26.78	23.26	30.75	6,089	3,528	21.01	17.0	1,329	1,439	133
Monthly average.....	576	1,083	2,079	213	30.88	25.54	28.87	3,968	2,551	23.14	13.0	1,279	1,651	197
1949														
January.....	484	1,126	1,786	94	24.35	22.15	32.50	5,377	3,316	19.46	15.7	1,235	1,386	151
February.....	476	994	1,536	72	22.25	21.25	30.38	4,080	2,572	19.44	17.2	1,046	1,095	74
March.....	619	1,102	1,897	126	24.14	24.37	27.63	4,315	2,617	20.16	16.9	949	852	61
April.....	562	996	1,733	100	24.20	23.66	27.94	3,894	2,471	18.32	15.0	676	824	63
May.....	510	1,025	1,828	92	24.88	24.02	26.45	3,721	2,451	18.49	14.7	761	1,244	163
June.....	533	1,095	1,899	140	26.47	22.53	25.94	3,745	2,411	19.08	15.5	898	1,166	138
July.....	501	1,090	1,833	164	25.86	20.62	24.88	3,165	2,072	18.23	14.9	976	1,202	144
August.....	549	1,232	2,476	384	26.28	20.06	25.70	3,417	2,321	19.09	16.4	1,126	1,654	335
September.....	552	1,224	2,528	586	28.11	19.74	27.25	3,879	2,395	19.74	17.1	1,180	1,932	534
October.....	568	1,156	3,080	869	28.93	20.57	27.15	4,959	3,058	17.87	16.1	1,172	2,054	572
November.....	585	1,116	2,297	432	28.21	21.45	26.75	6,003	3,622	15.87	15.3	1,060	1,297	212
December.....	511	1,064	1,676	198	26.47	21.44	27.25	6,477	3,813	15.05	13.1	1,058	1,139	71
Monthly average.....	537	1,102	2,047	272	25.80	21.34	27.52	4,419	2,760	18.12	15.7	1,011	1,320	210
1950														
January.....	465	1,103	1,842	133	25.98	22.94	30.40	5,844	3,726	15.23	13.1	1,077	1,206	115
February.....	443	939	1,539	112	25.58	24.13	30.88	4,191	2,704	16.55	14.3	863	931	112
March.....	586	1,082	1,715	141	25.90	25.32	29.06	5,020	3,058	16.13	13.5	939	979	101
April.....	494	959	1,594	128	26.94	25.79	29.19	4,316	2,627	16.02	12.4	834	1,013	98
May.....	496	1,075	1,871	130	29.02	27.19	30.35	4,338	2,836	18.41	13.8	941	1,455	157
June.....	485	1,066	1,715	160	30.13	27.44	29.00	4,154	2,592	18.18	13.1	1,019	1,207	166
July.....	443	1,070	1,759	152	30.67	27.48	29.60	3,314	2,234	20.65	14.9	960	1,149	153
August.....	484	1,184	2,046	239	30.09	26.90	32.00	3,626	2,345	21.55	15.0	1,076	1,466	355
September.....	488	1,196	2,311	447	30.57	26.90	32.88	4,137	2,431	21.10	14.7	1,063	2,001	576
October.....	515	1,169	2,795	763	30.49	26.92	31.70	5,102	2,955	19.41	14.0	1,081	1,790	591
November.....	505	1,151	2,210	485	31.41	28.46	32.38	6,144	3,678	18.04	13.0	969	1,185	238
December.....	445	1,110	1,694	251	33.03	29.45	32.38	6,777	3,991	18.52	12.2	918	1,048	252
Monthly average.....	487	1,092	1,926	262	29.35	26.67	30.79	4,747	2,932	18.20	13.7	978	1,286	243

For footnotes giving source of data and description of series, see pp. 257, 258.

FOODSTUFFS AND TOBACCO—LIVESTOCK AND MEATS

YEAR AND MONTH	SHEEP AND LAMBS		MEATS								
	Prices, wholesale ¹		Total meats (including lard)			Beef and veal			Lamb and mutton		
	Lambs, average (Chicago)	Lambs, feeder, good and choice (Omaha)	Production (inspected slaughter) ²	Stocks, cold storage, end of month ³	Exports ⁴	Production (inspected slaughter) ²	Stocks, cold storage, end of month ³	Exports ⁴	Price, wholesale, beef, fresh, steer carcasses, good (New York) ⁵	Production (inspected slaughter) ²	Stocks, cold storage, end of month ³
	Dollars per 100 pounds		Millions of pounds			Thousands of pounds			Dollars per pound	Thousands of pounds	
1935 monthly average...	9.02	7.69	856	661	21	430,585	78,416	1,051	0.165	58,389	2,636
1936 monthly average...	9.91	8.22	1,063	717	21	497,492	89,143	1,199	.138	56,684	3,667
1937 monthly average...	10.78	9.10	947	838	22	447,857	87,149	1,056	.182	56,943	4,198
1938 monthly average...	8.50	7.39	1,034	637	30	448,285	44,479	1,166	.153	59,981	2,632
1939 monthly average...	9.33	8.21	1,113	681	39	446,876	45,241	1,264	.159	57,829	2,792
1940 monthly average...	9.66	8.53	1,246	938	29	461,593	60,645	1,388	.170	58,510	3,897
1941 monthly average...	11.28	10.27	1,294	1,061	70	528,192	89,487	2,363	.179	62,505	4,648
1942 monthly average...	13.82	12.02	1,485	807	149	584,471	115,292	1,772	.212	73,348	12,182
1943 monthly average...	14.91	13.22	1,640	909	232	547,248	118,444	3,398	.217	79,811	17,978
1944 monthly average...	14.52	12.70	1,764	1,217	216	631,733	201,205	2,329	.209	73,948	19,590
1945 monthly average...	14.90	14.17	1,430	651	132	671,852	199,532	7,838	.210	76,108	14,504
1946 monthly average...	18.40	16.46	1,304	551	145	525,726	118,523	35,414	.294	70,828	13,244
1947											
January.....	23.25	19.45	1,954	854	116	757,702	192,660	497	.381	68,215	17,114
February.....	23.12	20.18	1,434	854	77	631,697	195,820	1,062	.375	57,380	16,554
March.....	23.12	21.22	1,393	857	72	681,465	201,209	5,043	.382	57,648	14,110
April.....	21.25	19.56	1,438	843	78	679,933	175,724	15,574	.375	60,737	10,808
May.....	21.62	.....	1,525	797	98	705,739	144,538	34,072	.383	60,183	9,563
June.....	24.25	.....	1,482	772	66	670,038	114,568	28,532	.419	54,823	9,348
July.....	22.75	.....	1,509	743	54	702,877	101,732	18,423	.441	53,172	8,085
August.....	20.25	21.31	1,289	636	66	650,486	106,179	15,263	.476	52,007	7,837
September.....	22.50	22.60	1,356	506	86	749,027	92,781	23,898	.488	60,043	6,645
October.....	22.62	21.05	1,556	480	63	792,883	112,290	8,400	.464	69,891	11,893
November.....	22.75	20.98	1,740	635	60	707,751	151,856	5,983	.457	60,790	17,280
December.....	24.08	20.53	1,918	970	38	709,306	196,252	2,360	.466	61,943	20,317
Monthly average.....	22.63	20.76	1,550	745	73	703,242	148,801	13,259	.426	59,736	12,463
1948											
January.....	25.00	21.78	1,762	1,130	35	698,314	193,316	1,389	.477	60,107	19,294
February.....	23.00	20.44	1,323	1,168	40	541,914	178,541	1,409	.432	55,859	16,971
March.....	21.50	19.47	1,299	1,097	61	562,877	154,411	1,561	.452	55,049	14,890
April.....	24.00	21.61	1,197	990	25	527,314	120,898	1,050	.491	47,601	9,106
May.....	26.75	22.67	1,228	941	29	503,226	102,578	712	.517	42,039	7,665
June.....	29.00	.....	1,549	960	32	615,696	88,705	913	.556	51,710	7,999
July.....	28.50	.....	1,274	860	36	577,522	76,408	1,073	.578	49,915	8,557
August.....	27.00	25.97	1,149	668	35	599,674	75,692	1,777	.584	53,389	9,847
September.....	23.88	23.18	1,229	492	38	650,370	80,587	2,203	.562	61,783	10,478
October.....	22.12	22.12	1,432	449	34	640,225	97,705	949	.516	67,469	16,296
November.....	25.12	23.01	1,691	612	28	635,429	126,287	447	.489	61,663	23,305
December.....	25.12	23.31	1,890	879	64	671,468	170,581	1,928	.443	58,335	26,209
Monthly average.....	25.08	22.36	1,418	854	38	602,002	122,142	1,284	.507	55,410	14,218
1949											
January.....	24.75	.....	1,757	1,049	46	649,195	170,784	935	.406	55,520	22,466
February.....	24.75	.....	1,408	1,083	51	583,486	158,240	984	.368	47,548	19,571
March.....	30.50	.....	1,519	1,018	68	664,174	143,137	1,709	.392	43,156	14,268
April.....	29.50	.....	1,353	930	104	606,020	119,431	2,388	.404	30,761	9,864
May.....	29.25	.....	1,362	799	77	623,536	94,035	1,302	.410	33,561	7,007
June.....	27.12	.....	1,438	716	97	645,249	81,148	1,227	.433	37,427	6,761
July.....	24.50	.....	1,358	643	65	638,252	75,627	1,482	.431	40,975	6,651
August.....	23.62	22.66	1,441	520	46	716,737	72,053	2,511	.438	48,257	6,869
September.....	23.00	23.21	1,436	411	45	698,993	71,475	2,260	.464	50,414	7,268
October.....	23.75	23.28	1,564	409	41	660,890	78,763	1,070	.476	51,338	8,222
November.....	23.38	23.25	1,763	532	58	640,589	103,582	1,167	.476	47,893	10,534
December.....	22.38	22.88	1,864	799	69	616,302	136,903	2,569	.445	48,992	13,811
Monthly average.....	25.54	23.06	1,522	742	64	645,285	108,765	1,634	.429	44,653	11,108
1950											
January.....	24.00	23.64	1,793	943	54	642,167	143,599	1,068	.438	51,344	14,332
February.....	26.12	25.12	1,356	897	80	554,425	123,281	1,078	.430	42,392	13,062
March.....	27.62	26.59	1,585	866	85	644,109	110,022	1,021	.433	45,917	10,689
April.....	26.75	.....	1,397	857	46	575,795	98,839	1,433	.447	39,949	8,440
May.....	27.12	.....	1,488	802	43	638,652	78,844	1,558	.474	43,184	7,099
June.....	27.75	.....	1,501	769	50	628,277	67,291	1,990	.488	43,597	6,681
July.....	27.25	.....	1,366	649	45	626,299	66,051	1,578	.498	41,543	6,079
August.....	27.12	27.42	1,449	542	42	696,567	79,919	1,831	.486	47,225	5,998
September.....	27.62	28.50	1,478	469	31	704,754	89,485	1,829	.491	46,674	6,486
October.....	28.25	28.90	1,621	457	27	686,636	103,894	1,561	.486	47,326	7,994
November.....	29.50	29.22	1,809	603	36	669,181	124,307	783	.493	43,293	9,416
December.....	31.38	30.77	1,948	840	56	650,935	160,544	791	.531	41,964	10,479
Monthly average.....	27.54	27.52	1,566	724	50	643,150	103,840	1,377	.475	44,534	8,896

For footnotes giving source of data and description of series, see pp. 258, 259.

FOODSTUFFS AND TOBACCO—MEATS, LARD, AND POULTRY

YEAR AND MONTH	PORK						LARD				POULTRY	
	Total production, including lard (inspected slaughter) ¹	Excluding lard				Production (inspected slaughter) ¹	Stocks, cold storage, end of month ²	Exports ³	Price, whole-sale, refined (Chicago) ⁴	Receipts, 5 mar-kets ⁵	Stocks, cold storage, end of month ²	
		Production (inspected slaughter) ¹	Stocks, cold stor-age, end of month ²	Exports ³	Prices, wholesale							
					Hams, smoked (Chi-cago or com-posite) ⁶							Fresh loins, 8-12 lb. average (N.Y.) ⁵
Thousands of pounds	Dollars per pound	Thousands of pounds	Dollars per lb.	Thousands of pounds								
1935 monthly average ..	367,173	291,153	439,079	7,390	0.225	0.228	55,172	75,181	8,113	0.153	25,496	69,371
1936 monthly average ..	508,402	394,762	448,368	5,661	.240	.210	82,681	99,997	9,347	.122	30,878	86,040
1937 monthly average ..	441,769	354,514	529,786	5,269	.231	.227	63,210	138,855	11,398	.128	28,654	101,237
1938 monthly average ..	525,400	406,988	418,441	7,969	.218	.195	86,183	107,415	17,050	.097	29,229	80,197
1939 monthly average ..	608,025	462,672	443,860	10,795	.200	.173	106,002	121,054	23,106	.080	33,986	92,588
1940 monthly average ..	725,794	551,188	529,941	7,819	.176	.153	127,272	262,531	16,776	.069	38,986	117,483
1941 monthly average ..	702,863	528,716	601,905	22,344	.255	.207	127,155	285,249	32,739	.106	37,786	128,194
1942 monthly average ..	827,231	630,130	462,978	54,262	.305	.280	143,705	116,388	54,299	.140	39,961	133,729
1943 monthly average ..	1,013,437	775,658	500,743	90,940	.275	.269	173,305	170,393	61,423	.146	31,698	93,783
1944 monthly average ..	1,058,184	788,006	588,160	94,217	.258	.256	197,241	292,399	71,536	.143	39,465	190,371
1945 monthly average ..	682,415	532,234	299,823	42,154	.258	.258	109,245	65,030	44,814	.146	44,416	179,033
1946 monthly average ..	707,488	553,525	291,846	23,509	.325	.353	111,959	54,849	35,890	.201	48,743	260,901
1947												
January.....	1,128,378	827,411	399,473	4,184	.509	.427	220,245	122,988	25,074	.260	27,631	316,792
February.....	745,090	555,330	399,317	3,316	.529	.509	138,683	117,557	38,760	.298	23,641	283,825
March.....	653,666	484,593	397,794	6,856	.614	.505	123,637	109,254	39,111	.338	27,199	242,485
April.....	697,129	521,406	394,421	7,318	.546	.508	128,445	127,680	31,696	.300	26,255	208,256
May.....	758,646	561,155	364,531	15,079	.554	.531	144,207	148,663	28,728	.198	33,063	187,717
June.....	756,848	556,305	352,814	4,651	.572	.529	146,690	175,269	22,007	.195	34,800	171,260
July.....	753,173	550,620	331,746	1,955	.598	.552	148,100	193,736	23,041	.182	40,474	174,627
August.....	586,369	438,482	264,124	4,651	.641	.593	108,114	162,565	34,804	.176	37,316	183,024
September.....	547,045	417,926	195,896	2,905	.664	.622	94,015	125,579	43,420	.232	51,774	205,653
October.....	693,312	539,982	187,971	2,914	.589	.564	111,619	90,437	38,286	.285	61,637	277,870
November.....	971,957	759,222	304,851	3,228	.551	.480	154,639	73,377	33,522	.302	78,087	317,112
December.....	1,147,168	867,696	527,159	2,400	.577	.456	204,084	113,286	22,287	.290	68,856	317,463
Monthly average.....	786,565	590,011	343,341	4,955	.580	.523	143,540	130,033	31,728	.255	42,561	240,507
1948												
January.....	1,003,276	745,581	659,309	1,756	.612	.482	188,171	133,513	23,143	.292	28,083	293,640
February.....	724,834	531,423	700,114	3,216	.538	.471	141,384	137,416	25,544	.239	22,385	262,374
March.....	680,771	506,096	661,399	3,430	.561	.523	127,736	129,028	47,345	.238	25,275	205,745
April.....	621,675	473,317	606,827	1,794	.569	.536	108,165	138,924	16,328	.250	26,614	153,424
May.....	682,325	514,718	580,056	2,804	.576	.545	122,340	150,660	20,929	.243	31,220	117,935
June.....	881,565	650,982	582,496	2,909	.610	.535	168,689	181,327	13,725	.245	32,736	99,507
July.....	646,403	477,942	508,213	1,649	.644	.624	123,277	174,304	20,747	.240	32,060	91,186
August.....	496,236	372,166	359,794	2,273	.658	.682	90,594	139,751	16,806	.241	31,520	88,234
September.....	517,028	397,380	234,909	1,773	.669	.675	87,107	96,587	14,512	.240	41,724	108,368
October.....	724,588	558,733	203,163	1,879	.586	.595	120,682	66,526	16,525	.234	45,188	154,617
November.....	993,960	752,254	310,706	1,813	.670	.456	176,282	77,021	15,117	.216	63,536	171,472
December.....	1,159,741	851,366	469,153	3,345	.579	.415	225,748	116,397	41,112	.195	54,511	160,834
Monthly average.....	761,033	569,330	489,678	2,387	.600	.545	140,015	128,455	22,653	.239	36,238	158,945
1949												
January.....	1,052,632	762,355	585,215	3,027	.575	.429	212,810	160,610	33,821	.171	22,069	148,418
February.....	777,258	563,446	611,123	3,076	.552	.457	156,573	179,628	42,517	.152	19,959	131,496
March.....	811,293	593,593	586,429	2,943	.565	.502	159,474	156,782	55,604	.152	24,937	108,732
April.....	715,895	527,859	545,231	3,866	.558	.518	137,441	138,216	92,304	.136	26,798	89,205
May.....	704,543	517,974	466,108	5,855	.531	.515	136,470	125,823	63,282	.147	31,644	77,823
June.....	754,870	556,838	419,590	11,925	.567	.533	144,798	103,890	76,508	.136	38,054	74,733
July.....	678,466	495,142	367,043	6,102	.590	.546	134,178	96,255	52,293	.132	34,769	71,261
August.....	675,735	500,186	283,178	6,749	.616	.558	128,257	68,819	29,407	.166	38,991	83,466
September.....	686,365	518,143	204,678	4,342	.584	.551	122,743	48,768	32,682	.152	49,399	132,380
October.....	851,970	634,343	209,687	2,479	.501	.453	158,861	38,320	31,503	.158	58,185	211,517
November.....	1,074,324	801,460	297,205	2,711	.477	.386	199,237	39,808	49,467	.130	82,866	267,508
December.....	1,198,884	880,945	473,741	6,576	.483	.351	232,483	73,995	54,311	.128	73,034	292,513
Monthly average.....	831,853	612,690	420,769	4,971	.550	.483	160,277	102,576	51,141	.146	41,725	140,754
1950												
January.....	1,099,016	804,033	582,737	4,017	.486	.368	215,492	92,949	45,770	.129	34,859	295,736
February.....	759,390	558,664	573,108	4,179	.505	.430	146,905	81,174	69,966	.129	28,604	260,523
March.....	894,965	661,439	548,640	5,584	.495	.409	170,946	87,306	74,145	.132	27,462	212,058
April.....	780,940	573,780	541,955	5,145	.485	.412	151,151	108,105	34,873	.132	30,985	167,000
May.....	806,047	592,792	492,194	4,812	.532	.485	155,971	128,467	31,629	.147	36,982	136,548
June.....	829,338	605,008	469,361	3,851	.552	.480	163,743	136,258	38,855	.142	36,707	122,328
July.....	697,727	514,916	394,402	4,481	.604	.579	133,375	106,613	33,456	.174	41,632	103,367
August.....	705,016	519,370	303,588	3,572	.584	.587	135,697	75,496	33,126	.190	39,168	105,179
September.....	726,906	547,272	240,544	3,284	.563	.557	131,253	58,241	21,653	.181	53,859	140,352
October.....	886,656	665,625	219,758	3,425	.488	.467	161,749	52,128	17,871	.165	72,338	217,999
November.....	1,096,444	821,067	326,300	5,504	.492	.408	200,922	57,794	26,014	.178	87,741	269,640
December.....	1,255,175	923,638	499,408	10,403	.545	.414	242,183	69,857	38,727	.197	82,807	281,972
Monthly average.....	878,135	648,967	432,666	4,855	.527	.466	167,449	87,866	38,840	.158	47,758	192,725

For footnotes giving source of data and description of series, see p. 259.

FOODSTUFFS AND TOBACCO—POULTRY AND EGGS AND MISCELLANEOUS FOOD PRODUCTS

YEAR AND MONTH	POULTRY AND EGGS						MISCELLANEOUS FOOD PRODUCTS				
	Poultry	Eggs				Candy, sales by manu- fac- turers ^d	Cocoa		Coffee		
	Price, whole- sale, live fowls (Chicago) ¹	Production		Stocks, cold storage, end of month ²			Imports ⁷	Price, whole- sale, Accra (New York) ¹	Clearances from Brazil ⁸		
		Farm produc- tion ⁴	Dried eggs ⁵	Shell	Frozen				Total	To United States	
Dollars per pound	Millions	Thousands of pounds	Thousands of cases	Thousands of pounds	Dollars per dozen	Thousands of dollars	Long tons	Dollars per pound	Thousands of bags		
1935 monthly average ..	0.185	2,801	250	4,122	78,975	0.251	16,630	22,556	0.050	1,307	726
1936 monthly average ..	.188	2,878	124	3,595	78,962	.241	18,176	23,508	.069	1,216	671
1937 monthly average ..	.190	3,130	199	4,607	112,668	.219	18,673	23,030	.084	1,039	551
1938 monthly average ..	.184	3,113	500	3,213	105,998	.213	17,231	16,856	.053	1,470	768
1939 monthly average ..	.154	3,237	837	3,525	97,469	.175	18,190	24,694	.049	1,419	770
1940 monthly average ..	.151	3,308	624	3,802	99,994	.188	18,977	27,119	.051	1,042	744
1941 monthly average ..	.190	3,490	3,773	3,401	127,428	.254	22,633	25,778	.076	955	818
1942 monthly average ..	.222	4,050	19,637	3,889	175,535	.331	29,099	8,916	.089	653	524
1943 monthly average ..	.243	4,545	21,831	4,675	206,696	.392	35,003	21,378	.089	787	622
1944 monthly average ..	.240	4,878	26,729	5,162	245,966	.395	37,580	25,384	.089	1,156	934
1945 monthly average ..	.252	4,655	8,822	2,874	174,522	.429	36,449	23,115	.089	1,206	945
1946 monthly average ..	.272	4,633	10,454	4,992	183,095	.432	40,635	22,141	.116	1,354	931
1947											
January.....	.242	4,557	11,841	287	80,800	.417	55,594	46,248	.259	1,524	1,081
February.....	.266	4,805	13,168	221	73,564	.416	52,258	20,390	.266	1,109	721
March.....	.299	6,155	11,248	508	98,718	.451	56,961	15,382	.280	1,341	818
April.....	.292	6,312	9,788	1,742	153,876	.465	54,683	38,078	.288	1,184	677
May.....	.275	6,127	14,014	3,452	202,245	.444	50,855	18,859	.282	756	225
June.....	.244	5,186	14,163	4,203	237,303	.464	42,718	20,376	.301	1,057	545
July.....	.240	4,521	9,113	4,268	241,573	.503	35,456	13,627	.327	912	564
August.....	.235	3,815	1,324	3,807	234,434	.528	41,129	19,598	.345	1,452	1,018
September.....	.242	3,362	184	2,804	216,762	.607	61,694	17,513	.404	1,570	1,117
October.....	.236	3,433	226	1,818	189,596	.620	82,670	12,645	.495	1,412	903
November.....	.216	3,284	330	824	164,673	.609	74,403	12,625	.510	1,595	1,138
December.....	.240	3,715	162	196	138,192	.594	72,171	31,858	.430	1,550	1,173
Monthly average.....	.252	4,604	7,130	2,011	169,311	.510	56,716	22,267	.350	1,289	832
1948											
January.....	.265	4,318	552	269	122,438	.475	60,624	18,415	.436	1,433	1,089
February.....	.260	4,707	1,065	374	120,665	.469	63,655	33,686	.436	1,220	760
March.....	.280	6,074	1,781	1,165	143,253	.464	66,201	32,147	.394	1,285	742
April.....	.298	6,280	3,213	3,091	195,954	.461	54,947	17,461	.354	1,413	979
May.....	.292	5,969	5,598	4,903	248,574	.451	45,057	24,208	.332	1,605	1,118
June.....	.296	5,001	9,082	5,669	266,748	.462	44,156	17,586	.416	1,294	733
July.....	.317	4,436	9,321	5,525	257,367	.480	34,000	21,090	.446	1,371	782
August.....	.336	3,906	5,926	4,608	233,431	.531	47,260	21,082	.442	1,328	943
September.....	.332	3,513	3,872	3,290	200,968	.565	66,164	7,935	.404	1,691	1,099
October.....	.300	3,494	2,385	1,685	169,287	.645	78,074	11,898	.402	1,827	1,388
November.....	.306	3,454	927	444	139,298	.636	77,293	13,958	.391	1,844	1,295
December.....	.346	4,006	553	159	104,932	.547	64,926	24,698	.317	1,805	1,198
Monthly average.....	.302	4,597	3,690	2,599	183,576	.516	58,530	20,347	.398	1,510	1,011
1949											
January.....	.340	4,590	2,460	152	71,532	.463	55,187	13,863	.266	1,214	843
February.....	.328	4,840	6,957	144	58,621	.435	51,876	23,276	.203	1,359	890
March.....	.353	6,157	14,310	530	77,319	.451	55,507	44,434	.185	1,488	1,058
April.....	.339	6,126	13,377	954	107,058	.483	43,851	26,698	.199	1,294	811
May.....	.298	5,865	7,784	1,943	141,361	.483	34,642	24,963	.190	1,572	942
June.....	.268	4,929	7,787	2,290	166,582	.493	36,028	32,103	.187	1,326	906
July.....	.241	4,347	6,401	1,936	168,394	.533	25,580	21,845	.211	1,672	933
August.....	.260	3,873	3,951	1,426	146,868	.559	40,928	22,119	.226	1,868	1,129
September.....	.238	3,624	1,743	810	121,476	.628	66,713	11,253	.200	2,332	1,403
October.....	.236	3,808	937	501	96,382	.564	69,382	9,936	.205	1,945	1,280
November.....	.217	3,911	1,519	250	72,566	.527	65,913	21,019	.246	2,185	1,507
December.....	.213	4,559	8,736	110	53,902	.381	52,730	30,444	.259	1,439	874
Monthly average.....	.278	4,719	6,330	921	106,838	.500	49,861	23,496	.215	1,641	1,048
1950											
January.....	.204	5,175	3,345	380	55,052	.323	51,675	23,512	.272	1,093	699
February.....	.223	5,245	6,592	735	73,159	.327	49,091	42,469	.251	779	519
March.....	.239	6,462	10,305	1,296	116,546	.358	53,018	24,918	.228	1,286	727
April.....	.226	6,428	12,929	2,147	155,108	.344	42,945	20,053	.240	728	596
May.....	.211	6,202	19,078	3,412	179,732	.317	40,368	32,893	.286	855	506
June.....	.208	5,224	17,146	3,667	188,476	.342	37,542	35,712	.308	1,198	803
July.....	.229	4,687	11,098	3,163	174,761	.398	33,788	26,475	.356	1,517	1,170
August.....	.262	4,274	5,199	2,568	155,369	.412	53,723	19,849	.405	1,687	1,095
September.....	.239	3,947	3,739	1,558	133,002	.503	71,989	13,494	.420	1,721	999
October.....	.220	4,074	1,984	502	104,378	.560	75,588	12,830	.372	1,684	974
November.....	.232	3,977	1,366	61	75,582	.577	68,029	14,596	.363	1,251	713
December.....	.241	4,351	637	34	47,310	.577	61,906	32,204	.345	1,350	977
Monthly average.....	.228	5,004	7,785	1,627	121,540	.420	53,305	24,917	.322	1,262	815

For footnotes giving source of data and description of series, see pp. 259, 260.

FOODSTUFFS AND TOBACCO—MISCELLANEOUS FOOD PRODUCTS—Continued

YEAR AND MONTH	COFFEE			FISH			SUGAR							
	Visible supply, United States ¹	Im-ports ²	Price, whole-sale, Santos, No. 4 (New York) ³	Land-ings, fresh fish, 5 ports ⁴	Stocks, cold stor-age, end of month ⁵	Cuban stocks, raw, end of month ⁶	United States							Exports, refined sugar ²
							Deliveries and supply (raw basis) ⁷							
							Production and receipts			Deliveries			Stocks, raw and refined, end of month	
							Pro-duction	Entries from off-shore		Total	For domestic con-sumption	For ex-port ⁸		
Total	Hawaii and Puerto Rico	Total	Short tons											
1935 monthly average ..	799	1,108	0.069	34,756	52,202	1,498	.....	⁹ 373,329	.....	562,870	552,827	10,043	¹⁰ 1,606,540	9,496
1936 monthly average ..	914	1,098	.095	38,480	61,990	1,234	.....	⁹ 421,708	.....	564,288	558,850	5,439	¹⁰ 1,435,999	5,143
1937 monthly average ..	930	1,071	.111	36,561	63,810	1,318	.....	⁹ 427,050	.....	562,133	555,950	6,183	¹⁰ 1,295,436	5,849
1938 monthly average ..	763	1,255	.078	39,329	67,994	1,535	.....	393,489	143,435	559,061	553,604	5,456	¹⁰ 1,662,666	5,152
1939 monthly average ..	864	1,271	.075	38,333	63,681	1,552	⁹ 193,372	422,455	174,366	583,298	572,293	11,005	¹⁰ 1,956,225	10,380
1940 monthly average ..	1,014	1,297	.072	38,452	68,111	1,635	175,335	373,954	144,902	589,076	574,222	14,855	2,090,743	13,993
1941 monthly average ..	1,748	1,423	.114	47,942	79,018	1,443	174,160	470,406	157,975	676,316	672,455	5,861	1,265,900	5,514
1942 monthly average ..	828	1,083	.134	40,290	86,437	1,899	179,233	299,221	132,302	472,897	455,517	17,380	1,459,392	12,474
1943 monthly average ..	911	1,389	.134	37,332	70,283	2,071	127,612	410,660	125,708	566,797	527,893	36,904	1,568,490	49,352
1944 monthly average ..	1,401	1,646	.134	40,345	95,966	1,998	125,646	461,138	128,741	621,734	595,612	26,122	1,114,189	22,428
1945 monthly average ..	1,815	1,716	.136	48,706	87,228	1,222	138,664	406,083	136,801	527,553	503,334	24,220	888,319	16,060
1946 monthly average ..	2,074	1,729	.187	46,331	120,315	1,455	158,341	350,111	124,981	501,995	468,392	33,602	1,012,719	30,097
1947														
January.....	1,385	2,103	.269	18,516	127,381	466	106,885	243,687	17,547	498,513	481,452	17,061	1,317,394	22,964
February.....	1,467	1,804	.272	17,213	97,939	1,023	49,365	335,229	49,105	330,451	301,704	28,747	1,383,996	18,039
March.....	1,335	1,663	.277	33,744	78,242	2,349	22,114	562,794	126,312	622,142	595,486	26,656	1,317,694	36,588
April.....	1,357	2,044	.258	33,438	70,202	3,136	14,634	605,349	178,131	509,270	496,881	12,389	1,426,199	12,278
May.....	1,222	973	.237	41,461	79,733	3,841	16,512	655,186	255,242	522,779	484,416	38,363	1,605,251	32,146
June.....	1,132	777	.253	50,086	90,158	3,316	34,590	544,243	159,222	1,020,440	1,000,403	20,045	1,138,004	16,730
July.....	1,000	1,069	.256	53,522	110,611	2,816	38,992	719,956	266,894	804,200	765,144	39,056	1,106,043	29,601
August.....	1,153	1,056	.264	64,476	132,930	2,446	86,749	605,075	247,141	809,071	801,807	7,264	999,905	18,451
September.....	1,128	1,818	.272	60,399	135,870	1,888	132,019	465,489	195,137	733,994	724,064	9,930	858,379	8,222
October.....	1,288	1,870	.270	63,927	140,070	1,018	534,233	459,202	169,718	904,508	888,916	15,592	942,957	15,191
November.....	1,110	1,515	.272	34,867	142,102	598	636,444	443,968	101,681	584,735	578,917	5,818	1,408,280	8,914
December.....	1,369	2,142	.268	33,342	133,844	348	485,709	384,783	44,647	339,977	328,644	11,333	1,938,552	10,522
Monthly average.....	1,238	1,578	.264	42,083	111,590	1,937	179,254	¹¹ 502,597	¹¹ 150,899	640,007	620,653	19,355	1,286,888	19,137
1948														
January.....	1,144	2,055	.266	21,539	112,046	788	144,172	81,968	19,502	344,901	339,472	5,429	1,841,464	4,239
February.....	1,183	1,884	.264	28,620	90,491	1,883	68,262	359,259	56,003	398,702	391,339	7,363	1,915,283	5,544
March.....	1,111	1,884	.264	47,207	76,743	3,049	59,875	566,627	148,444	567,158	559,852	7,306	1,948,660	9,555
April.....	952	1,211	.266	49,508	68,268	3,321	(¹²)	445,309	163,577	573,720	570,739	2,981	1,849,585	3,936
May.....	948	1,605	.270	67,621	85,601	3,785	25,222	512,510	192,742	590,717	586,003	4,714	1,782,732	4,120
June.....	1,044	2,098	.270	68,787	100,537	3,136	46,339	492,872	249,143	815,097	811,116	3,981	1,501,559	2,690
July.....	954	1,397	.270	71,930	127,474	2,794	35,014	489,168	243,933	926,334	922,053	4,281	1,107,401	3,905
August.....	915	1,342	.268	62,755	135,928	1,874	42,368	498,295	85,122	901,306	893,070	8,236	828,036	4,292
September.....	913	1,412	.265	56,838	140,161	1,474	102,233	594,859	232,575	618,072	609,298	8,774	888,680	7,293
October.....	1,103	1,716	.268	54,418	148,049	947	505,601	482,660	238,358	543,215	531,924	11,291	1,266,291	7,612
November.....	1,259	1,851	.276	49,699	158,008	659	636,652	239,064	18,665	576,922	571,618	5,304	1,532,703	3,186
December.....	1,082	2,560	.272	29,535	150,974	326	275,318	210,060	79,992	564,079	556,439	7,640	1,497,261	8,447
Monthly average.....	1,051	1,751	.268	51,205	116,190	2,003	159,760	414,388	144,021	618,352	611,910	6,442	1,496,638	5,418
1949														
January.....	1,036	2,113	.270	27,949	127,635	339	125,201	245,436	56,243	563,394	558,518	4,876	1,326,943	3,149
February.....	929	1,668	.268	28,981	104,138	1,314	37,299	485,090	138,038	502,148	498,748	3,400	1,401,305	4,095
March.....	1,127	2,086	.265	40,735	82,722	2,569	10,212	681,532	225,273	621,251	615,055	6,196	1,443,184	3,657
April.....	906	1,782	.261	49,560	74,940	3,414	15	567,829	236,686	539,567	537,248	2,319	1,525,617	2,785
May.....	796	1,477	.270	70,044	91,453	3,479	8,179	577,439	156,084	605,119	601,337	3,782	1,492,475	1,863
June.....	808	1,685	.272	71,277	114,031	3,223	24,122	509,595	123,322	793,193	790,135	3,058	1,251,760	1,997
July.....	859	1,688	.277	66,303	127,217	2,513	13,027	471,237	84,350	748,986	745,232	3,754	955,462	1,879
August.....	796	1,604	.284	77,338	146,344	1,803	43,899	642,038	132,227	925,954	922,618	3,336	615,042	2,379
September.....	790	1,933	.302	64,143	150,608	1,523	116,207	391,859	165,441	730,850	726,842	4,008	405,307	2,403
October.....	763	1,853	.355	55,025	156,077	769	548,576	402,253	133,168	527,680	523,382	4,298	879,526	1,475
November.....	850	2,017	.498	42,123	158,719	419	766,441	252,307	99,018	540,033	537,387	2,646	1,444,747	1,133
December.....	992	2,241	.490	31,238	146,813	298	418,627	306,744	309,803	525,792	523,723	2,069	1,759,059	977
Monthly average.....	888	1,845	.318	52,060	123,391	1,806	175,984	461,113	154,971	635,331	631,686	3,645	1,208,369	2,316
1950														
January.....	868	2,070	.496	27,205	125,516	578	72,270	404,682	174,121	512,025	508,578	3,447	1,640,709	1,695
February.....	928	1,574	.485	32,953	105,818	1,691	31,605	379,389	119,554	503,745	502,107	1,638	1,518,102	693
March.....	949	1,321	.471	39,328	87,133	2,816	24,382	584,423	148,180	620,962	612,855	2,107	1,566,565	5,976
April.....	731	1,130	.473	44,656	79,027	3,636	17,572	572,778	243,296	565,942	563,397	2,545	1,573,184	64,433
May.....	609	1,050	.462	56,100	97,773	3,773	28,821	593,854	241,671	740,134	738,218	1,916	1,489,117	83,235
June.....	609	976	.478	65,671	116,897	3,246	45,324	550,711	210,870	864,963	861,976	2,987	1,177,548	56,021
July.....	715	1,804	.538	69,303	137,307	2,721	26,003	587,920	231,972	1,191,606	1,189,474	2,132	635,113	7,925
August.....	719	2,099	.553	70,140	153,625	2,176	90,775	731,339	224,624	949,970	945,923	4,047	486,679	1,897
September.....	797	1,987	.561	52,982	158,473	1,825	129,607	628,737	237,608	662,336	653,505	8,831	605,397	2,006
October.....	768	1,729	.530	56,471	166,105	1,186	594,565	450,538	149,352	515,189	504,709	10,480	1,152,400	1,782
November.....	750	1,381	.519	43,530	165,394	641	866,935	320,519	131,587	523,250	510,224	13,026	1,768,257	5,012
December.....	741	1,355	.540	29,074	157,722	246	531,464	203,654	84,803	686,617	681,353	7,264	1,836,165	

FOODSTUFFS AND TOBACCO—MISCELLANEOUS FOOD PRODUCTS AND TOBACCO

YEAR AND MONTH	MISCELLANEOUS FOOD PRODUCTS									TOBACCO					
	Sugar, United States									Leaf					
	Imports ¹				Prices (New York) ²				Tea, im-ports ³	Produc-tion (crop esti-mate) ⁴	Stocks, dealers' and manufacturers', end of quarter ⁵				
	Raw sugar			Refined sugar	Raw, whole-sale	Refined		Total			Domestic		Foreign grown		
	Total	From Cuba	From Philip-pine Islands	Total		From Cuba	Re-tail				Whole-sale	Cigar leaf	Air-cured, fire-cured, flue-cured, and miscel-laneous	Cigar leaf	Ciga-rette tobacco
Short tons				Dollars per lb.				Thous. of lb.	Millions of pounds						
1935 monthly average ⁶ ..	210,805	136,528	69,796	35,374	29,766	0.032	0.054	0.049	7,186	1,302	2,594	413	2,096	13	73
1936 monthly average ⁶ ..	209,665	128,145	74,540	37,651	32,289	0.036	0.054	0.048	6,873	1,163	2,553	395	2,077	13	68
1937 monthly average ⁶ ..	229,973	144,532	75,100	36,354	29,579	0.035	0.055	0.047	7,901	1,569	2,455	386	1,999	11	69
1938 monthly average ⁶ ..	212,483	127,951	74,356	35,348	28,628	0.029	0.051	0.045	6,781	1,386	2,635	385	2,156	12	83
1939 monthly average ⁶ ..	208,218	128,178	73,929	33,725	27,851	0.030	0.052	0.046	8,149	1,881	2,714	344	2,252	14	105
1940 monthly average ⁶ ..	208,656	129,252	75,031	34,222	29,565	0.028	0.050	0.044	8,247	1,460	3,229	364	2,737	18	110
1941 monthly average ⁶ ..	277,896	195,810	64,651	33,573	28,177	0.034	0.056	0.049	8,923	1,262	3,452	378	2,953	21	99
1942 monthly average ⁶ ..	138,197	130,151	1,823	29,077	28,767	0.037	0.066	0.055	4,131	1,408	3,345	395	2,847	22	80
1943 monthly average ⁶ ..	248,696	240,970	0	29,803	29,683	0.037	0.066	0.055	7,424	1,406	3,047	355	2,606	25	61
1944 monthly average ⁶ ..	291,655	282,557	0	30,360	30,297	0.037	0.065	0.055	7,520	1,955	2,883	338	2,455	27	62
1945 monthly average ⁶ ..	240,235	232,984	0	33,680	32,921	0.038	0.065	0.054	6,985	1,994	3,036	353	2,586	28	69
1946 monthly average ⁶ ..	193,174	189,245	0	28,222	28,188	0.046	0.078	0.064	7,859	2,322	3,119	343	2,655	29	91
1947															
January.....	219,672	219,669	0	15,913	15,559	0.060	0.095	0.079	12,891	.....	.....	.....	.....	.....	.....
February.....	275,488	275,487	0	19,416	19,416	0.061	0.096	0.080	4,105	.....	.....	.....	.....	.....	.....
March.....	313,067	313,067	0	46,621	46,618	0.061	0.096	0.080	11,498	.....	3,553	372	3,031	38	113
April.....	391,051	391,049	0	52,956	52,956	0.062	0.096	0.081	4,963	.....	.....	.....	.....	.....	.....
May.....	300,783	300,782	0	45,964	45,964	0.062	0.095	0.081	2,508	.....	.....	.....	.....	.....	.....
June.....	360,344	360,344	0	61,226	61,226	0.062	0.096	0.081	4,826	.....	3,187	370	2,659	36	122
July.....	388,185	388,184	0	34,940	34,940	0.062	0.095	0.081	3,438	.....	.....	.....	.....	.....	.....
August.....	346,484	346,484	0	33,889	33,889	0.063	0.095	0.082	1,275	.....	.....	.....	.....	.....	.....
September.....	263,496	263,494	0	13,009	13,009	0.063	0.096	0.082	4,597	.....	3,333	338	2,852	33	110
October.....	274,668	274,668	0	24,353	24,352	0.063	0.097	0.082	5,487	.....	.....	.....	.....	.....	.....
November.....	281,788	280,463	0	9,254	9,254	0.063	0.098	0.082	6,665	.....	.....	.....	.....	.....	.....
December.....	384,859	341,183	0	7,597	7,597	0.063	0.098	0.082	5,429	.....	3,800	318	3,326	32	123
Monthly average ⁶	316,657	312,906	0	30,428	30,398	0.062	0.096	0.081	5,640	2,110	3,468	350	2,967	35	117
1948															
January.....	60,784	33,910	16,016	2,844	2,083	0.058	0.098	0.080	7,863	.....	.....	.....	.....	.....	.....
February.....	274,727	250,937	17,164	26,959	25,032	0.055	0.093	0.077	7,105	.....	.....	.....	.....	.....	.....
March.....	390,235	362,978	20,674	31,242	30,658	0.054	0.093	0.076	6,538	.....	3,814	352	3,305	30	127
April.....	210,620	204,965	5,595	51,460	49,787	0.054	0.093	0.076	13,052	.....	.....	.....	.....	.....	.....
May.....	259,254	228,043	23,079	30,971	30,616	0.051	0.092	0.075	8,500	.....	.....	.....	.....	.....	.....
June.....	200,912	161,211	38,989	33,754	33,754	0.054	0.091	0.074	8,499	.....	3,444	378	2,911	28	127
July.....	195,943	177,039	18,498	41,617	41,617	0.057	0.091	0.076	7,360	.....	.....	.....	.....	.....	.....
August.....	397,341	354,566	37,531	40,753	38,753	0.058	0.092	0.076	8,851	.....	.....	.....	.....	.....	.....
September.....	283,798	247,809	30,569	31,801	31,801	0.057	0.092	0.076	3,781	.....	3,549	338	3,074	25	112
October.....	236,329	199,787	23,576	40,260	40,260	0.056	0.092	0.076	6,680	.....	.....	.....	.....	.....	.....
November.....	134,306	121,292	3,500	8,330	8,330	0.057	0.092	0.076	4,001	.....	.....	.....	.....	.....	.....
December.....	216,954	208,396	5,600	1	0	0.056	0.092	0.076	9,354	.....	3,875	307	3,416	24	128
Monthly average ⁶	238,434	212,578	20,066	28,333	27,724	0.056	0.093	0.076	7,632	1,980	3,670	344	3,177	27	124
1949															
January.....	197,907	174,952	15,236	6,452	6,450	0.057	0.092	0.078	7,689	.....	.....	.....	.....	.....	.....
February.....	313,196	287,985	25,176	26,204	25,950	0.056	0.092	0.078	7,606	.....	.....	.....	.....	.....	.....
March.....	386,786	328,913	51,964	68,585	68,147	0.057	0.093	0.078	8,128	.....	3,851	345	3,350	22	134
April.....	318,647	264,133	52,845	42,328	41,820	0.056	0.093	0.079	9,822	.....	.....	.....	.....	.....	.....
May.....	382,265	267,999	114,266	25,613	25,563	0.058	0.093	0.078	7,465	.....	.....	.....	.....	.....	.....
June.....	344,551	253,248	86,168	40,671	36,555	0.059	0.093	0.078	8,485	.....	3,509	367	2,970	23	149
July.....	342,089	232,097	104,072	23,401	23,398	0.058	0.093	0.077	6,129	.....	.....	.....	.....	.....	.....
August.....	342,379	272,690	61,888	28,272	23,684	0.059	0.093	0.077	7,877	.....	.....	.....	.....	.....	.....
September.....	243,767	225,129	5,525	28,328	28,315	0.060	0.093	0.077	8,443	.....	3,690	330	3,206	20	134
October.....	248,555	241,403	0	30,053	27,514	0.060	0.093	0.079	7,702	.....	.....	.....	.....	.....	.....
November.....	197,959	190,878	7,076	24,548	24,511	0.059	0.093	0.079	9,327	.....	.....	.....	.....	.....	.....
December.....	66,038	66,011	0	50	0	0.057	0.093	0.079	6,289	.....	3,880	316	3,404	19	141
Monthly average ⁶	282,012	233,870	43,685	28,709	27,659	0.058	0.093	0.078	7,914	1,972	3,733	340	3,232	21	140
1950															
January.....	139,962	125,411	6,238	18,555	18,544	0.058	0.092	0.079	7,628	.....	.....	.....	.....	.....	.....
February.....	233,847	201,313	32,480	37,980	37,789	0.056	0.092	0.077	7,943	.....	.....	.....	.....	.....	.....
March.....	387,307	337,769	49,504	49,421	49,111	0.055	0.091	0.076	13,773	.....	3,944	402	3,371	19	152
April.....	251,805	203,875	47,931	55,852	57,307	0.055	0.091	0.076	9,550	.....	.....	.....	.....	.....	.....
May.....	304,871	235,773	67,280	59,627	54,244	0.057	0.091	0.076	10,131	.....	.....	.....	.....	.....	.....
June.....	273,076	216,334	53,401	27,029	22,998	0.058	0.091	0.076	9,745	.....	3,509	384	2,960	18	148
July.....	299,554	236,455	61,963	37,310	27,487	0.060	0.090	0.078	10,874	.....	.....	.....	.....	.....	.....
August.....	449,594	390,383	52,413	52,784	52,267	0.062	0.098	0.080	8,787	.....	.....	.....	.....	.....	.....
September.....	353,195	323,203	25,087	25,736	21,132	0.062	0.098	0.081	8,752	.....	3,672	353	3,160	18	142
October.....	306,359	275,485	25,876	12,109	11,895	0.062	0.096	0.081	12,733	.....	.....	.....	.....	.....	.....
November.....	163,462	144,820	11,103	396	286	0.062	0.096	0.081	8,662	.....	.....	.....	.....	.....	.....
December.....	134,063	123,431	8,401	400	0	0.063	0.096	0.081	5,992	.....	3,989	331	3,492	16	150
Monthly average ⁶	274,758	234,521	36,806	31,433	27,755	0.059	0.094	0.078	9,547	2,056	3,779	368	3,246	18	148

For footnotes giving source of data and description of series, see p. 261.

FOODSTUFFS AND TOBACCO—TOBACCO—Continued

YEAR AND MONTH	LEAF		MANUFACTURED PRODUCTS									Exports, cigarette ¹	Price, whole-sale (com-posite), cigarette, f.o.b. desti-nation ⁵
	Exports, including scrap and stems ¹	Imports, including scrap and stems ¹	Production, manufactured tobacco ²				Consumption (withdrawals)			Exports, cigarette ¹			
			Total	Chewing, plug, and twist	Smoking	Snuff	Cigarettes (small)		Cigars (large), tax-paid ⁴		Manufactured tobacco and snuff, tax-paid ⁴		
							Tax-free ³	Tax-paid ⁴					
Thousands of pounds						Millions		Thousands	Thousands of pounds	Millions	Dollars per 1,000		
1935 monthly average ..	33,028	5,275	28,561	9,574	15,979	3,008	443	11,217	396,990	28,361	325	5.38	
1936 monthly average ..	35,439	5,627	28,998	9,662	16,167	3,169	528	12,764	431,908	28,974	386	5.38	
1937 monthly average ..	36,233	5,975	28,382	9,639	15,648	3,095	629	13,552	443,120	28,155	472	5.51	
1938 monthly average ..	40,758	5,950	28,781	8,958	16,724	3,098	684	13,647	428,229	28,605	531	5.51	
1939 monthly average ..	29,874	6,871	28,609	8,587	16,857	3,164	735	14,372	442,616	28,400	563	5.51	
1940 monthly average ..	19,645	6,345	28,702	8,454	17,092	3,156	740	15,055	446,284	28,516	548	5.64	
1941 monthly average ..	22,480	6,305	28,536	8,760	16,474	3,301	965	17,202	482,270	28,192	631	5.76	
1942 monthly average ..	19,794	5,837	27,534	9,479	14,638	3,417	1,861	19,653	517,156	26,807	243	5.80	
1943 monthly average ..	32,781	6,012	27,257	10,090	13,570	3,598	3,235	21,478	435,213	25,470	351	6.01	
1944 monthly average ..	23,349	6,057	25,578	10,426	11,655	3,497	7,079	19,889	394,773	24,485	631	6.01	
1945 monthly average ..	39,387	6,330	27,542	9,845	14,044	3,653	5,417	22,267	410,735	26,153	571	6.01	
1946 monthly average ..	55,204	6,838	21,103	8,955	8,868	3,280	2,556	26,811	486,362	20,898	2,010	6.23	
1947													
January.....	55,059	30,930	20,107	8,870	7,789	3,447	3,519	28,471	510,264	20,124	1,438	6.51	
February.....	55,552	4,912	17,712	7,803	6,961	2,948	2,723	25,594	446,042	17,388	2,480	6.51	
March.....	49,018	5,632	19,212	7,703	8,310	3,200	3,243	26,946	426,785	18,743	2,473	6.51	
April.....	33,867	5,192	19,885	7,839	8,799	3,246	2,805	27,244	416,270	19,716	1,667	6.51	
May.....	23,102	4,848	16,473	5,699	7,576	3,198	2,966	25,759	473,968	16,111	1,094	6.51	
June.....	39,156	5,624	18,357	6,850	8,500	3,007	2,289	28,540	432,527	18,792	2,294	6.51	
July.....	30,396	5,592	21,266	8,953	9,345	2,968	2,333	29,371	439,108	21,008	1,619	6.51	
August.....	28,707	5,258	22,629	9,408	9,881	3,341	2,528	28,943	466,511	22,184	1,685	6.51	
September.....	47,396	5,864	24,233	9,665	10,849	3,719	2,706	29,401	483,288	24,706	1,937	6.51	
October.....	58,728	6,720	26,251	10,467	11,683	4,101	3,527	33,141	587,880	25,909	2,107	6.51	
November.....	40,646	5,808	18,816	8,045	7,888	2,883	2,536	27,044	495,401	18,144	1,860	6.51	
December.....	45,658	4,007	17,283	7,155	6,998	3,130	2,997	24,946	446,719	15,683	2,140	6.51	
Monthly average.....	42,274	7,532	20,190	7,803	7,723	3,264	2,856	27,951	468,730	19,876	1,900	6.51	
1948													
January.....	23,601	7,713	19,232	7,727	8,017	3,489	3,213	27,273	461,398	19,587	2,000	6.51	
February.....	33,601	5,725	18,549	7,493	7,791	3,265	3,578	23,472	460,141	18,071	2,365	6.51	
March.....	19,194	7,153	21,055	8,266	8,910	3,879	3,197	29,252	470,099	20,222	2,349	6.51	
April.....	27,786	7,075	21,340	8,258	9,693	3,390	2,422	31,618	449,504	21,821	1,417	6.51	
May.....	34,744	6,720	19,536	7,346	9,015	3,176	2,363	29,092	444,491	19,024	1,448	6.51	
June.....	20,914	7,335	20,937	8,175	9,251	3,511	3,250	31,269	479,949	20,280	2,090	6.51	
July.....	59,006	6,337	17,889	7,391	7,548	2,950	3,068	27,205	430,210	17,880	1,948	6.51	
August.....	44,165	7,943	21,610	8,878	9,390	3,342	3,547	34,192	505,228	21,201	2,025	6.86	
September.....	47,855	7,756	22,816	8,679	10,666	3,471	4,103	29,983	544,856	23,157	2,545	6.86	
October.....	36,260	7,713	23,999	8,805	11,743	8,451	4,030	31,079	529,971	23,816	2,949	6.86	
November.....	21,711	6,838	20,461	8,386	8,721	3,354	2,736	29,075	553,755	19,527	1,664	6.86	
December.....	57,773	6,035	17,517	7,152	6,830	3,535	3,185	24,897	440,267	16,492	2,368	6.86	
Monthly average.....	35,551	7,029	20,390	7,803	7,967	3,401	3,223	29,042	480,822	20,090	2,097	6.66	
1949													
January.....	46,949	7,209	18,031	7,218	7,386	3,427	2,208	27,967	438,286	18,214	1,281	6.86	
February.....	36,167	6,713	17,576	6,768	7,548	3,260	2,570	25,024	410,170	17,138	1,237	6.86	
March.....	25,155	9,267	20,880	7,618	9,567	3,695	3,168	31,448	457,149	20,490	1,649	6.86	
April.....	22,249	6,906	18,729	6,940	8,535	3,254	3,568	27,307	428,452	18,392	2,446	6.86	
May.....	20,400	7,521	20,591	7,226	10,120	3,246	3,172	30,691	428,357	20,362	1,937	6.86	
June.....	33,402	8,218	21,740	8,558	9,747	3,435	3,236	32,849	519,509	20,583	1,611	6.86	
July.....	30,563	6,606	16,625	6,918	7,311	2,396	2,155	25,806	422,496	16,625	1,449	6.86	
August.....	61,963	9,088	22,986	8,839	10,308	3,838	3,041	35,347	516,208	22,869	1,476	6.86	
September.....	76,768	7,483	22,565	8,345	10,579	3,641	2,680	31,743	532,446	22,674	1,720	6.86	
October.....	56,720	7,261	22,434	7,774	10,997	3,664	2,777	29,194	534,274	21,975	1,523	6.86	
November.....	37,674	6,903	19,675	7,072	9,055	3,547	2,215	29,657	508,626	19,324	1,326	6.86	
December.....	50,179	4,758	17,119	6,643	6,971	3,505	2,432	24,776	386,169	16,556	1,893	6.86	
Monthly average.....	41,516	7,328	19,912	7,491	7,912	3,409	2,767	29,317	465,178	19,600	1,629	6.86	
1950													
January.....	16,052	8,184	18,982	7,566	8,483	2,933	1,973	29,290	424,088	19,286	903	6.86	
February.....	19,049	6,368	17,867	7,023	7,919	2,925	2,178	25,645	415,318	17,354	969	6.86	
March.....	28,203	7,934	22,031	8,085	10,199	3,747	2,146	32,036	453,631	21,941	1,464	6.86	
April.....	44,168	6,530	18,099	6,354	8,391	3,353	1,974	25,829	383,345	18,176	1,157	6.86	
May.....	36,723	8,121	19,159	6,568	9,189	3,402	2,395	32,674	424,870	18,998	1,017	6.86	
June.....	22,533	7,571	20,980	7,881	9,333	3,766	2,594	32,815	471,152	20,095	1,422	6.86	
July.....	24,525	5,721	16,578	6,839	6,911	2,828	2,820	27,374	400,566	16,204	1,484	6.86	
August.....	46,762	10,407	23,069	8,870	10,267	3,932	4,009	39,126	587,406	23,531	1,554	7.06	
September.....	72,980	8,078	21,431	7,627	10,601	3,203	3,048	30,846	503,738	20,851	1,181	7.06	
October.....	68,037	7,996	23,417	7,877	11,918	3,622	3,223	29,738	553,776	22,322	1,043	7.06	
November.....	52,679	6,765	19,063	6,884	8,894	3,285	2,837	29,825	544,792	18,591	1,061	7.06	
December.....	44,441	6,352	14,526	5,902	5,626	2,998	2,619	25,000	374,800	13,498	1,053	7.06	
Monthly average.....	39,679	7,502	19,600	7,290	8,978	3,333	2,651	30,017	461,457	19,237	1,192	6.94	

For footnotes giving source of data and description of series, see pp. 261, 262.

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LEATHER AND PRODUCTS—HIDES AND SKINS AND LEATHER

YEAR AND MONTH	HIDES AND SKINS							LEATHER									
	Imports ¹					Prices, wholesale (Chicago) ²		Production ³				Exports ⁴			Prices, wholesale ⁵		
	Total hides and skins	Calf and kip skins	Cattle hides	Goat skins	Sheep and lamb skins	Calf skins, packers', under 15 pounds	Hides, steer, packers', heavy native	Calf and kip	Cattle hides	Goat and kid	Sheep and lamb	Sole leather		Upper leather	Sole, calf, steer, f.o.b. tannery	Chrome calf, black, 8 grade composite	
												Bends, backs, and sides	Offal, including belting and wetting offal				
Thous. of lb.	Thousands of pieces					Dollars per pounds		Thousands of skins	Thousands of hides	Thousands of skins		Thousands of pounds		Thous. of sq. ft.	Dollars per pound	Dollars per sq. ft.	
1935 monthly average ..	25,290	249	223	4,066	1,551	0.146	0.130	1,178	1,828	4,021	3,188	47	239	6,404	0.356	0.352	
1936 monthly average ..	25,873	247	255	3,893	1,732	.183	.139	1,094	1,886	3,947	3,111	27	226	5,418	.385	.380	
1937 monthly average ..	26,003	224	218	4,319	1,883	.200	.172	1,002	1,865	3,880	2,840	34	182	5,085	.450	.421	
1938 monthly average ..	15,166	280	108	2,495	1,214	.136	.118	1,083	1,587	2,659	2,390	25	189	4,067	.365	.376	
1939 monthly average ..	26,954	326	271	3,251	2,394	.179	.123	1,169	1,841	3,368	3,243	76	125	3,958	.344	.410	
1940 monthly average ..	30,200	190	382	3,346	2,035	.201	.125	949	1,756	3,141	3,160	697	172	2,934	.333	.458	
1941 monthly average ..	50,954	301	728	4,123	3,512	.223	.145	1,092	2,343	3,781	4,326	727	81	3,776	.394	.507	
1942 monthly average ..	37,335	198	506	3,059	3,139	.218	.155	1,022	2,569	3,427	4,469	2,172	236	1,659	.412	.530	
1943 monthly average ..	29,860	202	379	2,952	2,875	.218	.155	926	2,138	3,113	4,991	1,724	275	2,374	.412	.529	
1944 monthly average ..	25,208	160	247	2,431	3,503	.218	.155	911	2,179	2,888	4,608	1,377	40	2,345	.412	.529	
1945 monthly average ..	16,726	78	74	2,031	3,220	.218	.155	970	2,297	2,002	4,371	1,070	89	2,520	.416	.529	
1946 monthly average ..	18,111	39	110	2,395	3,211	.254	.184	907	2,253	2,011	3,998	857	401	2,756	.509	.605	
1947																	
January.....	19,187	59	118	2,683	1,833	.396	.238	1,104	2,430	2,485	3,374	626	153	3,099	.691	.950	
February.....	13,485	31	122	2,113	1,349	.475	.231	1,088	2,467	2,829	3,337	189	225	4,359	.659	.958	
March.....	10,781	41	31	2,715	1,052	.625	.228	1,066	2,516	2,927	2,941	358	95	3,906	.642	1.017	
April.....	10,830	22	29	3,299	1,318	.514	.220	1,130	2,558	3,020	2,882	471	40	3,907	.627	1.015	
May.....	14,027	35	51	3,051	2,013	.534	.223	1,011	2,473	3,037	2,631	148	59	3,761	.593	1.007	
June.....	11,991	27	30	4,283	1,386	.638	.231	1,049	2,243	3,273	2,472	169	73	3,183	.593	1.069	
July.....	17,490	23	38	3,421	5,410	.660	.262	887	2,131	3,297	2,486	29	201	2,722	.602	1.214	
August.....	8,523	18	42	3,076	730	.619	.295	1,069	2,269	2,985	3,169	144	245	2,954	.637	1.218	
September.....	8,950	94	29	2,686	946	.625	.301	1,106	2,310	3,363	3,501	135	129	2,674	.662	1.203	
October.....	13,527	79	142	2,933	1,304	.669	.343	1,125	2,638	3,775	3,647	244	235	3,285	.750	1.246	
November.....	18,556	82	186	3,573	2,872	.756	.375	899	2,371	2,878	3,094	116	95	2,943	.808	1.324	
December.....	31,447	102	453	3,649	1,203	.745	.359	937	2,418	3,319	3,001	52	53	1,970	.813	1.324	
Monthly average.....	14,900	51	106	3,123	1,785	.607	.275	1,039	2,402	3,099	3,045	223	134	3,230	.673	1.129	
1948																	
January.....	58,027	310	850	3,640	2,709	.650	.308	909	2,404	3,401	2,782	43	60	2,138	.784	1.273	
February.....	26,215	46	187	5,835	2,342	.415	.257	833	2,330	3,233	2,894	32	116	2,180	.742	1.165	
March.....	21,242	76	274	4,226	2,246	.351	.222	818	2,258	3,561	2,892	19	72	1,789	.653	1.042	
April.....	17,266	86	113	3,510	2,128	.392	.248	834	2,175	3,408	2,700	25	118	2,019	.632	1.048	
May.....	17,878	54	147	2,928	1,404	.472	.272	814	2,116	3,023	2,829	61	126	2,289	.676	1.055	
June.....	20,432	48	223	2,420	3,686	.435	.274	932	2,182	3,355	2,890	78	144	2,291	.672	1.038	
July.....	22,689	38	158	2,999	3,529	.450	.301	699	1,833	2,842	2,325	53	191	2,644	.676	1.075	
August.....	15,394	23	118	2,710	1,946	.388	.291	935	2,187	2,776	3,193	12	127	2,159	.662	1.047	
September.....	15,338	92	92	2,611	3,144	.390	.289	854	2,155	2,985	2,850	34	5	2,085	.642	1.026	
October.....	11,091	50	85	3,181	897	.381	.269	894	2,142	3,106	2,743	44	50	2,811	.632	1.013	
November.....	12,355	105	127	1,480	2,831	.394	.295	905	2,049	3,048	2,729	37	60	1,714	.674	1.026	
December.....	14,320	51	104	3,433	1,011	.410	.267	1,053	2,239	3,232	2,665	57	122	3,676	.701	1.046	
Monthly average.....	21,021	82	207	3,248	2,323	.425	.275	873	2,173	3,164	2,791	41	99	2,316	.678	1.068	
1949																	
January.....	13,738	82	147	2,497	885	.398	.267	943	2,051	3,023	2,515	314	527	6,179	.681	1.051	
February.....	9,900	67	97	2,722	925	.385	.229	886	2,106	2,980	2,498	466	890	6,347	.657	1.036	
March.....	10,281	67	65	3,221	991	.421	.209	947	2,147	3,471	2,459	189	704	6,094	.592	1.030	
April.....	10,714	58	85	3,294	1,477	.422	.200	766	1,886	2,875	2,148	6	185	3,351	.578	1.025	
May.....	15,302	47	53	3,631	2,629	.414	.213	797	1,937	2,776	2,207	56	151	3,191	.578	1.023	
June.....	11,942	44	103	4,005	965	.398	.214	877	1,974	3,034	2,399	93	116	3,245	.568	1.024	
July.....	14,082	23	27	3,319	2,705	.385	.209	571	1,565	2,371	1,818	87	106	2,957	.564	1.016	
August.....	16,944	118	35	2,657	4,066	.410	.238	867	1,985	2,743	2,599	70	73	3,516	.555	.975	
September.....	15,490	145	41	2,312	3,276	.421	.246	831	1,964	3,008	2,509	92	49	2,947	.559	.977	
October.....	16,028	120	47	2,771	2,571	.425	.244	886	1,874	2,956	2,677	60	41	4,077	.559	.975	
November.....	16,499	116	77	2,688	2,723	.425	.245	861	1,869	2,743	2,687	9	6	3,068	.549	.975	
December.....	18,503	110	172	3,041	1,811	.445	.232	941	1,974	2,794	2,128	25	31	4,154	.549	.988	
Monthly average.....	14,119	83	79	3,013	2,085	.412	.229	848	1,944	2,898	2,387	122	240	4,094	.581	1.008	
1950																	
January.....	23,830	276	356	2,924	2,335	.450	(*)	925	1,879	3,025	2,193	5	10	3,377	.549	.991	
February.....	20,421	251	162	3,752	1,381	.425	.207	885	1,949	2,965	2,675	57	21	2,840	.539	.991	
March.....	22,115	170	186	3,743	2,040	.440	.213	902	2,114	3,520	2,566	82	39	3,093	.539	1.017	
April.....	18,683	154	122	3,052	3,013	.431	.208	814	1,852	2,828	2,625	52	27	2,659	.539	1.027	
May.....	20,781	177	160	4,269	2,348	.450	.220	829	1,948	3,198	2,720	13	19	2,471	.539	1.034	
June.....	28,588	190	245	3,998	5,333	.484	.245	923	2,071	3,318	2,653	79	39	2,726	.539	1.037	
July.....	30,811	348	258	3,479	3,846	.485	.278	584	1,697	2,677	1,989	43	10	2,271	.571	1.080	
August.....	36,447	346	532	3,411	3,276	.560	.309	1,052	2,301	3,260	3,373	22	32	2,944	.598	1.134	
September.....	29,574	411	386	2,816	1,389	.575	.331	930	2,084	2,869	2,868	30	43	2,417	.625	1.154	
October.....	33,641	357	373	3,934	3,169	.575	.322	962	2,193	3,205	2,856	38	32	2,283	.657	1.166	
November.....	27,963	382	294	3,463	2,359	.605	.346	993	2,249	3,319	2,546	14	24	2,440	.703	1.174	
December.....	19,523	186	272	3,000	1,640	.662	.358	860	2,046	3,019	2,333	53	95	3,284	.782	1.204	
Monthly average.....	26,032	271	279	3,487	2,677	.512	.253	888	2,032	3,100	2,616	41	33	2,734	.597	1.084	

For footnotes giving source of data and description of series, see pp. 262, 263.

LEATHER AND PRODUCTS—LEATHER MANUFACTURES

YEAR AND MONTH	SHOES AND SLIPPERS														Prices, wholesale, factory ³		
	Production ¹													Ex-ports ²	Men's black calf oxford, plain toe	Men's black calf oxford, tip toe	Women's black kid blucher oxford
	Total	Shoes, sandals, and play shoes, except athletic								Slip-pers for house-wear	Ath-letic	Other foot-wear					
		Total	By types of uppers		By kinds												
			All leather	Part leather and non-leather	Men's	Youths' and boys'	Women's	Misses' and chil-dren's	In-fants' and babies'								
	Thousands of pairs														Dollars per pair		
1935 monthly average ..	31,980	⁴ 27,301	26,754	⁴ 547	8,294	1,487	12,103	3,106	1,764	3,505	163	⁴ 1,011	90	5.18	3.69	3.05	
1936 monthly average ..	34,602	29,240	28,389	⁴ 851	8,649	1,381	13,488	3,070	1,801	4,276	207	⁴ 880	118	5.29	3.85	3.15	
1937 monthly average ..	34,331	29,910	27,729	2,181	8,575	1,457	12,473	3,326	1,899	4,025	215	181	128	5.64	4.16	3.30	
1938 monthly average ..	32,562	28,680	26,921	1,759	8,055	1,428	12,313	3,349	1,776	3,541	225	117	153	5.44	3.94	3.14	
1939 monthly average ..	35,345	31,092	29,699	1,393	8,646	1,405	13,975	3,666	2,007	3,808	321	124	216	5.34	4.02	3.03	
1940 monthly average ..	33,679	29,359	27,675	1,683	8,532	1,273	12,662	3,396	1,812	3,866	371	84	178	5.49	4.25	3.00	
1941 monthly average ..	⁴ 41,532	35,418	33,390	2,028	10,043	1,597	15,410	3,993	2,348	4,259	453	128	247	5.74	4.33	3.05	
1942 monthly average ..	⁴ 40,322	32,602	30,653	1,950	8,508	1,426	15,140	3,440	2,138	3,611	483	221	396	6.11	4.60	3.48	
1943 monthly average ..	⁴ 38,783	30,174	26,217	3,957	6,994	1,652	12,767	2,684	2,120	4,091	238	373	335	6.13	4.60	3.50	
1944 monthly average ..	⁴ 38,547	² 29,162	22,011	⁷ 7,152	⁸ 5,833	⁸ 1,430	⁸ 15,508	3,740	2,423	5,187	² 214	224	726	6.13	4.60	3.50	
1945 monthly average ..	⁴ 40,519	30,801	22,679	8,122	5,691	1,326	16,332	4,537	2,916	5,667	⁹ 335	187	728	6.13	4.60	3.53	
1946 monthly average ..	⁴ 44,080	37,625	¹⁰ 32,541	¹⁰ 5,060	8,683	1,720	19,574	4,499	3,149	5,444	¹¹ 531	215	935	6.85	5.23	4.09	
1947																	
January.....	41,051	38,049	34,957	3,092	9,221	1,699	19,024	4,871	3,234	2,475	354	173	465	8.82	6.25	4.90	
February.....	38,255	35,631	33,295	2,336	8,591	1,533	17,838	4,706	2,963	2,176	315	133	526	8.82	6.00	4.90	
March.....	40,429	37,767	35,690	2,077	9,121	1,520	18,991	5,011	3,124	2,146	352	164	537	8.82	6.00	4.90	
April.....	39,525	36,628	34,879	1,749	9,218	1,449	18,237	4,819	2,905	2,364	375	158	631	8.82	6.00	4.90	
May.....	36,404	33,638	32,178	1,554	9,079	1,373	16,278	4,389	2,519	2,257	360	149	545	8.82	6.00	4.90	
June.....	34,131	31,342	29,805	1,532	8,297	1,495	15,068	4,041	2,441	2,273	299	217	414	8.82	6.00	4.90	
July.....	33,870	30,875	29,728	1,091	8,053	1,521	14,768	3,985	2,548	2,511	307	177	429	8.82	6.30	4.90	
August.....	38,982	34,735	33,454	1,174	8,449	1,607	17,548	4,271	2,860	3,676	363	208	499	9.46	6.50	4.90	
September.....	40,826	36,035	34,767	1,331	8,812	1,587	18,053	4,511	3,072	4,186	389	216	358	9.46	6.50	4.90	
October.....	46,765	40,101	38,730	1,374	10,350	1,820	19,241	5,276	3,414	5,937	489	238	505	9.46	6.63	4.90	
November.....	37,982	32,561	31,294	1,185	8,192	1,526	15,328	4,542	2,973	4,894	341	186	430	9.46	6.75	4.90	
December.....	39,849	35,796	34,471	1,331	9,306	1,558	16,693	5,004	3,235	3,540	346	167	486	9.46	7.15	4.90	
Monthly average.....	39,006	35,263	33,604	1,652	8,891	1,557	17,256	4,619	2,941	3,203	358	182	478	9.09	6.35	4.90	
1948																	
January.....	40,731	37,900	36,118	1,816	9,264	1,397	18,483	5,350	3,406	2,349	303	179	398	10.44	7.15	5.70	
February.....	40,290	37,344	35,130	2,126	9,087	1,223	18,371	5,277	3,386	2,465	298	183	519	10.44	7.15	5.70	
March.....	44,852	41,502	38,972	2,603	9,951	1,284	20,372	6,044	3,851	2,801	364	185	450	10.44	7.15	5.70	
April.....	39,412	36,306	34,292	2,319	9,273	1,257	16,871	5,385	3,520	2,592	337	177	565	10.44	7.01	5.56	
May.....	33,974	30,868	28,473	2,417	7,827	1,254	14,245	4,532	3,010	2,686	260	160	510	9.65	6.60	5.15	
June.....	38,417	34,599	32,359	2,401	8,898	1,566	15,972	4,846	3,317	3,374	278	166	382	9.65	6.60	5.15	
July.....	31,957	28,508	26,891	1,586	6,984	1,303	14,188	3,495	2,538	3,059	251	139	352	9.65	6.75	5.15	
August.....	41,357	36,418	33,995	2,386	8,638	1,714	18,368	4,454	3,044	4,272	372	295	726	9.65	6.75	5.15	
September.....	42,081	36,486	33,933	2,558	9,269	1,858	17,976	4,348	3,035	4,900	387	308	513	10.14	6.75	5.15	
October.....	39,050	33,048	31,288	1,830	8,625	1,635	15,812	4,052	2,924	5,368	339	295	502	10.14	6.75	5.15	
November.....	34,691	28,618	27,127	1,599	7,813	1,438	12,873	3,802	2,692	5,477	313	283	278	9.65	6.75	5.15	
December.....	35,508	31,639	30,110	1,567	8,901	1,319	13,875	4,520	3,024	3,357	271	241	608	9.65	6.75	5.15	
Monthly average.....	¹² 39,969	¹² 35,439	32,391	2,101	¹² 8,780	¹² 1,439	¹² 17,109	¹² 4,909	¹² 3,203	¹² 3,969	¹² 330	¹² 231	484	10.01	6.84	5.32	
1949																	
January.....	¹² 38,390	¹² 35,300	32,267	2,058	¹² 8,788	¹² 1,190	¹² 17,100	¹² 5,051	¹² 3,171	¹² 2,652	¹² 251	¹² 187	336	9.65	6.75	5.15	
February.....	38,558	35,167	31,697	2,506	8,243	1,088	17,776	4,851	3,209	2,963	240	188	341	9.65	6.75	5.15	
March.....	46,287	42,247	38,037	3,183	9,721	1,419	21,448	5,855	3,804	3,543	272	225	358	9.65	6.75	5.15	
April.....	39,095	35,256	31,171	4,454	7,871	1,219	18,182	4,718	3,266	3,385	225	229	393	9.65	6.75	5.15	
May.....	36,567	32,449	28,018	3,351	7,385	1,229	16,774	4,177	2,884	3,651	243	224	323	9.65	6.60	5.15	
June.....	39,978	35,178	32,622	5,911	8,482	1,654	17,424	4,489	3,129	4,304	267	229	287	9.65	6.60	5.15	
July.....	34,456	29,880	26,360	2,580	6,434	1,474	15,910	3,764	2,298	4,121	233	222	334	9.65	6.60	5.15	
August.....	46,438	39,965	35,630	3,405	8,753	1,808	21,467	5,005	2,932	5,889	319	265	527	9.65	6.60	5.15	
September.....	43,007	35,896	32,293	2,660	8,460	1,725	18,728	4,377	2,606	6,484	314	313	406	9.65	6.60	5.15	
October.....	39,677	32,258	29,474	1,802	8,300	1,627	15,495	4,163	2,673	6,805	318	296	409	9.60	6.60	5.15	
November.....	34,959	27,872	25,457	1,617	7,256	1,147	12,887	3,957	2,625	6,581	279	227	359	9.66	6.60	5.15	
December.....	35,593	31,147	28,281	1,834	8,076	1,289	14,050	4,538	3,194	3,998	232	216	348	9.56	6.60	5.15	
Monthly average.....	39,417	34,385	¹² 31,656	¹² 2,805	8,147	1,406	17,270	4,579	2,983	4,531	266	235	368	9.63	6.65	5.15	
1950																	
January.....	40,165	36,851	33,170	2,651	8,199	1,210	18,650	5,356	3,436	2,837	235	242	229	9.56	6.60	5.15	
February.....	39,259	36,209	33,264	3,023	7,982	1,203	18,709	5,109	3,206	2,569	247	234	319	9.56	6.60	5.15	
March.....	46,496	42,861	38,629	3,940	9,421	1,378	22,577	5,762	3,723	3,083	277	275	337	9.56	6.60	5.15	
April.....	38,058	34,204	29,814	3,477	7,842	1,105	17,468	4,670	3,119	3,353	277	224	307	9.56	6.60	5.15	
May.....	38,485	34,215	30,563	3,493	8,287	1,281	17,105	4,538	3,004	3,708	319	243	257	9.56	6.75	5.15	
June.....	39,070	34,221	31,192	3,127	8,554	1,418	16,756	4,632	2,861	4,242	319	288	233	9.56	6.75	5.15	
July.....	35,465	30,954	28,748	2,141	6,897	1,334	16,595	3,959	2,169	4,026	263	222	¹³ 193	9.68	6.75	5.15	
August.....	48,770	41,824	38,671	3,011	9,519	1,777	22,300	5,267	2,961	6,199	355	392	¹³ 256	10.05	7.15	5.15	
September.....	43,928	37,355	34,483	2,706	9,155	1,689	18,810	4,807	2,894	5,783	363	427	¹³ 275	10.13	7.23	5.15	
October.....	44,083	36,720	33,942	2,761	9,278	1,607	17,677	4,941	3,217	6,630	339	394	¹³ 333	10.39	7.35	5.15	
November.....	38,236	32,285	29,971	2,313	8,623	1,317	14,784	4,601	2,960	5,362	316	273	¹³ 280	10.39	7.75	⁽¹⁴⁾ 5.15	
December.....	35,894	32,588	30,239	2,401	8,175	1,193	15,309	4,874	3,037	2,858	273	175	¹³ 196	10.68	7.98	5.15	
Monthly average.....	¹⁵ 40,910	¹⁵ 36,023	32,724	2,920	¹⁵ 8,507	¹⁵ 1,377											

LUMBER AND MANUFACTURES—LUMBER (ALL TYPES)

YEAR AND MONTH	SAWMILL PRODUCTS ¹		NATIONAL LUMBER MANUFACTURERS ASSOCIATION ²								
	Exports	Imports	Production			Shipments			Stocks, gross, mill and concentration yards, end of month		
			Total	Hard-woods	Soft-woods	Total	Hard-woods	Soft-woods	Total	Hard-woods	Soft-woods
Thousands of board feet	Millions of board feet										
1935 monthly average ..	109,439	36,470	1,628	274	1,354	1,636	276	1,360	³ 8,323	³ 2,103	³ 6,221
1936 monthly average ..	107,002	54,586	2,030	343	1,687	2,024	354	1,670	³ 9,275	³ 2,690	³ 6,560
1937 monthly average ..	120,267	55,118	2,166	367	1,799	2,082	345	1,737	³ 9,404	³ 2,634	³ 6,769
1938 monthly average ..	81,442	44,093	1,804	280	1,524	1,850	291	1,559	10,280	3,095	7,185
1939 monthly average ..	92,013	59,857	2,096	312	1,784	2,165	339	1,826	9,679	2,823	6,856
1940 monthly average ..	81,015	61,668	2,411	336	2,075	2,508	358	2,150	9,153	2,598	6,554
1941 monthly average ..	57,712	113,381	2,801	465	2,336	2,852	493	2,359	8,080	2,182	5,898
1942 monthly average ..	38,197	⁴ 128,364	3,028	569	2,459	3,246	621	2,624	6,597	1,877	4,719
1943 monthly average ..	25,814	⁴ 71,294	2,857	614	2,243	2,988	658	2,330	4,567	1,214	3,353
1944 monthly average ..	29,969	⁴ 83,301	2,745	648	2,097	2,773	650	2,123	4,127	1,081	3,045
1945 monthly average ..	36,265	88,615	2,344	582	1,762	2,406	597	1,808	3,850	980	2,870
1946 monthly average ..	54,024	103,330	2,843	688	2,155	2,759	638	2,121	4,078	1,172	2,905
1947											
January.....	79,720	109,416	2,519	571	1,948	2,676	558	2,118	4,457	1,395	3,062
February.....	76,335	111,718	2,642	562	2,080	2,594	536	2,058	4,504	1,435	3,069
March.....	114,449	133,390	2,852	603	2,249	2,735	566	2,169	4,623	1,482	3,141
April.....	⁸ 9,341	93,070	2,987	603	2,384	2,896	572	2,324	4,712	1,515	3,197
May.....	164,533	67,635	3,188	590	2,598	2,970	571	2,399	4,916	1,543	3,373
June.....	131,795	60,598	2,982	589	2,393	2,669	511	2,158	5,214	1,620	3,594
July.....	131,226	73,073	2,970	660	2,310	2,757	585	2,172	5,407	1,691	3,716
August.....	157,175	96,768	3,266	706	2,560	3,125	677	2,448	5,525	1,709	3,816
September.....	125,720	118,356	3,320	704	2,616	3,259	662	2,597	5,596	1,754	3,842
October.....	102,569	149,008	3,213	709	2,504	3,209	715	2,494	5,593	1,736	3,857
November.....	110,584	128,161	2,751	627	2,124	2,957	653	2,304	5,371	1,690	3,681
December.....	73,813	172,760	2,714	543	2,171	2,755	534	2,221	5,321	1,712	3,609
Monthly average.....	113,105	109,496	2,950	622	2,328	2,884	595	2,289	5,103	1,607	3,496
1948											
January.....	⁵ 72,757	129,394	2,821	621	2,200	2,903	616	2,287	5,219	1,717	3,502
February.....	58,039	142,762	2,595	574	2,021	2,709	632	2,077	5,110	1,659	3,451
March.....	73,783	181,594	3,171	677	2,494	3,141	697	2,444	5,136	1,639	3,497
April.....	56,252	132,312	3,055	624	2,431	2,976	647	2,329	5,202	1,616	3,586
May.....	63,895	139,146	3,062	604	2,458	3,049	659	2,390	5,214	1,561	3,653
June.....	48,823	164,838	3,218	649	2,569	3,044	607	2,437	5,381	1,603	3,778
July.....	56,934	188,131	3,364	706	2,658	3,091	601	2,490	5,649	1,708	3,941
August.....	60,256	184,106	3,518	731	2,787	3,293	681	2,612	5,877	1,758	4,119
September.....	26,423	178,560	3,298	697	2,601	3,018	599	2,419	6,154	1,856	4,298
October.....	28,623	151,073	3,251	710	2,541	2,980	633	2,347	6,428	1,933	4,495
November.....	29,003	148,352	2,878	620	2,258	2,575	582	1,993	6,725	1,971	4,754
December.....	57,641	126,299	2,597	539	2,058	2,358	485	1,873	6,981	2,025	4,956
Monthly average.....	52,702	155,547	3,069	646	2,423	2,928	620	2,308	5,756	1,754	4,003
1949											
January.....	45,423	94,181	2,384	638	1,746	2,328	580	1,748	7,037	2,083	4,954
February.....	51,731	98,721	2,217	486	1,731	2,133	444	1,689	7,120	2,125	4,995
March.....	54,161	123,435	2,840	591	2,249	2,742	527	2,215	7,217	2,189	5,028
April.....	49,838	103,852	2,839	454	2,385	2,835	493	2,342	7,221	2,150	5,071
May.....	59,784	117,351	2,952	459	2,493	2,855	452	2,403	7,318	2,157	5,161
June.....	60,234	121,115	3,039	514	2,525	2,955	444	2,511	7,401	2,227	5,174
July.....	44,549	100,173	2,671	497	2,174	2,601	460	2,141	7,472	2,264	5,208
August.....	61,859	123,729	3,210	566	2,644	3,139	544	2,595	7,543	2,286	5,257
September.....	74,533	146,878	3,140	564	2,576	3,203	578	2,625	7,481	2,272	5,209
October.....	52,514	170,507	3,063	604	2,459	3,218	606	2,612	7,385	2,270	5,115
November.....	62,817	200,847	3,097	649	2,448	3,348	732	2,616	7,076	2,187	4,889
December.....	44,529	173,518	2,967	656	2,311	2,972	662	2,310	7,070	2,181	4,889
Monthly average.....	55,164	131,192	2,868	557	2,312	2,861	544	2,317	7,278	2,199	5,079
1950											
January.....	33,691	167,280	2,387	633	1,754	2,633	697	1,936	6,823	2,117	4,706
February.....	34,326	167,003	2,463	601	1,862	2,817	689	2,128	6,468	2,029	4,439
March.....	34,383	255,642	3,090	669	2,421	3,342	739	2,603	6,216	1,959	4,257
April.....	40,277	262,114	3,226	688	2,538	3,220	683	2,537	6,223	1,964	4,259
May.....	38,178	275,384	3,576	752	2,824	3,683	776	2,907	6,117	1,941	4,176
June.....	50,589	357,413	3,579	754	2,825	3,600	703	2,897	6,096	1,992	4,104
July.....	44,852	338,658	3,338	761	2,577	3,265	703	2,562	6,170	2,050	4,120
August.....	37,772	339,051	3,950	829	3,121	3,758	780	2,978	6,361	2,099	4,262
September.....	40,658	374,698	3,717	848	2,869	3,637	778	2,859	6,441	2,168	4,273
October.....	39,397	394,922	3,687	829	2,858	3,553	791	2,762	6,555	2,203	4,352
November.....	52,991	259,024	3,356	776	2,580	3,285	743	2,542	6,645	2,237	4,408
December.....	66,445	240,937	3,009	705	2,304	2,878	651	2,227	6,763	2,291	4,472
Monthly average.....	42,797	286,011	3,282	737	2,544	3,306	728	2,578	6,407	2,088	4,319

For footnotes giving source of data and description of series, see pp. 264, 265.

LUMBER AND MANUFACTURES—SOFTWOODS

YEAR AND MONTH	DOUGLAS FIR										SOUTHERN PINE		
	Orders ¹		Production ¹	Shipments ¹	Stocks, gross, mill, end of month ¹	Exports ²			Prices, wholesale ³		Orders ⁴		Production ⁴
	New	Unfilled end of month				Total sawmill products	Sawed timber	Boards, planks, scantlings, etc.	Dimension, No. 1 common, 2" x 4"-16'	Flooring, 3 and better, F. G., 1" x 4", R. L.	New	Unfilled, end of month	
Millions of board feet					Thousands of board feet			Dollars per Mboard feet		Millions of board feet			
1935 monthly average ..	426	475	417	429	1,175	43,426	18,733	24,693	20.034	22.669	506	470	497
1936 monthly average ..	579	629	558	543	1,221	40,925	17,600	23,325	21.626	26.573	615	497	593
1937 monthly average ..	541	698	575	596	1,159	46,605	19,455	27,150	22.908	31.190	585	473	612
1938 monthly average ..	474	369	450	470	983	25,595	7,658	17,937	20.335	25.819	615	414	600
1939 monthly average ..	592	517	567	582	939	34,747	9,582	25,165	21.174	26.573	660	477	646
1940 monthly average ..	664	640	620	643	916	31,481	10,944	20,537	23.104	30.177	898	553	847
1941 monthly average ..	769	824	744	757	879	19,290	5,345	13,945	26.460	37.447	876	773	859
1942 monthly average ..	824	1,158	747	799	801	9,843	565	9,278	32.321	44.100	1,046	1,005	980
1943 monthly average ..	737	1,240	715	737	514	6,005	828	5,177	32.425	44.100	854	932	822
1944 monthly average ..	698	1,273	701	707	480	8,323	2,123	6,200	34.187	44.100	689	958	678
1945 monthly average ..	532	970	543	550	425	13,431	2,744	10,687	34.432	44.100	584	807	601
1946 monthly average ..	605	767	643	627	451	26,692	9,305	17,387	40.715	55.712	768	677	781
1947													
January.....	757	692	684	736	466	44,931	15,305	29,626	52.470	73.260	722	565	712
February.....	749	768	671	674	455	36,804	12,695	24,109	59.400	86.378	746	551	846
March.....	890	952	757	706	499	65,177	21,356	43,821	60.885	92.565	777	553	840
April.....	663	884	735	731	496	39,909	10,364	29,545	62.865	95.040	792	544	854
May.....	673	801	783	756	516	84,472	29,903	54,569	62.865	95.040	734	449	895
June.....	588	757	700	632	577	61,034	16,569	44,465	62.865	95.040	783	494	782
July.....	696	939	546	514	603	59,488	17,190	42,298	62.865	101.970	907	570	823
August.....	716	936	788	719	663	75,000	20,295	54,705	64.845	104.940	928	641	808
September.....	854	889	936	901	692	74,929	14,578	60,351	67.815	111.870	807	626	749
October.....	747	882	759	754	690	54,651	13,149	41,502	67.815	111.870	805	573	821
November.....	742	794	759	830	612	69,010	21,561	47,449	67.815	111.870	651	545	634
December.....	674	731	716	737	582	46,510	14,119	32,391	70.587	116.820	644	501	709
Monthly average.....	729	835	736	724	571	59,326	17,257	42,069	63.779	100.238	775	551	789
1948													
January.....	886	768	854	841	571	49,643	14,783	34,860	67.815	110.880	790	574	701
February.....	759	747	814	781	604	34,393	11,754	22,580	64.350	104.940	573	522	575
March.....	833	672	922	908	618	47,509	10,363	37,146	64.350	104.940	767	508	819
April.....	879	773	774	778	615	31,107	7,042	24,226	70.042	116.078	770	489	852
May.....	779	784	701	768	548	33,456	7,302	26,154	74.250	127.215	781	474	885
June.....	654	755	684	683	549	19,418	3,389	16,124	75.240	132.462	772	447	876
July.....	696	702	737	749	536	22,454	5,870	16,584	75.240	133.650	812	468	868
August.....	738	621	859	818	578	35,445	9,311	26,134	75.240	133.650	804	491	798
September.....	656	584	792	694	677	5,091	1,565	3,526	75.240	133.650	812	511	766
October.....	599	482	769	701	745	6,947	807	6,140	75.240	133.650	744	460	790
November.....	515	411	701	585	861	5,427	433	5,048	75.240	133.650	593	372	716
December.....	631	432	658	611	907	32,863	8,961	23,912	70.785	133.650	605	332	732
Monthly average.....	719	644	772	743	651	26,980	6,798	20,211	71.965	124.968	735	471	782
1949													
January.....	737	548	622	622	907	24,787	5,980	16,807	66.330	133.650	597	303	694
February.....	714	616	687	646	948	26,241	12,526	13,715	67.815	133.650	539	282	598
March.....	890	647	906	859	994	28,914	17,407	11,507	68.310	128.700	738	307	706
April.....	813	584	881	877	998	24,145	11,751	12,394	68.310	127.958	660	276	661
May.....	767	504	874	846	1,026	29,617	4,307	25,310	68.310	122.562	725	261	728
June.....	765	390	833	879	979	27,606	9,681	17,925	67.568	118.058	690	228	703
July.....	737	463	645	664	961	20,594	4,852	15,742	64.680	114.660	697	247	670
August.....	924	549	882	839	1,004	31,062	5,474	25,588	63.896	114.660	913	340	744
September.....	947	590	869	906	968	42,275	9,054	33,221	62.720	114.660	842	372	782
October.....	920	615	866	895	939	24,305	5,008	19,297	62.720	108.780	765	374	701
November.....	878	571	848	922	866	30,784	7,884	22,900	62.720	105.448	711	304	760
December.....	776	515	844	831	878	18,685	3,882	14,803	63.210	104.860	627	253	756
Monthly average.....	822	549	813	816	956	27,418	8,317	19,101	65.569	118.884	709	296	709
1950													
January.....	919	798	575	635	817	10,861	4,437	6,424	64.484	102.900	714	291	703
February.....	796	846	644	748	713	12,093	5,379	6,714	66.640	103.635	802	397	667
March.....	994	872	921	967	667	14,600	3,977	10,623	67.620	105.840	749	361	766
April.....	1,044	988	927	929	665	15,520	5,145	10,375	69.090	105.840	770	385	758
May.....	917	878	994	1,028	632	9,331	2,125	7,206	72.324	109.368	982	488	798
June.....	905	845	886	938	579	20,731	4,682	16,049	75.430	111.770	840	469	797
July.....	889	976	794	757	616	20,200	6,684	13,516	78.239	119.539	914	576	757
August.....	989	1,044	1,083	921	778	17,461	5,324	12,137	87.050	126.063	844	488	831
September.....	848	896	1,009	996	790	17,087	6,796	10,291	88.953	128.922	760	414	790
October.....	832	754	1,007	974	806	19,555	6,661	12,894	86.940	129.933	751	391	815
November.....	940	734	909	960	766	23,083	9,043	14,040	79.026	130.458	624	320	778
December.....	969	733	860	840	773	33,603	13,769	19,834	78.090	132.397	633	361	709
Monthly average.....	920	864	884	891	717	17,844	6,169	11,675	83.741	127.885	782	412	764

For footnotes giving source of data and description of series, see p. 265.

LUMBER AND MANUFACTURES—SOFTWOODS—Continued

YEAR AND MONTH	SOUTHERN PINE							WESTERN PINE						
	Ship- ments ¹	Stocks, gross, mill and concentra- tion yards, end of month ²	Exports ²			Prices, wholesale, composite ³		Orders ⁴		Produc- tion ⁴	Ship- ments ⁴	Stocks, gross, mill, end of month ²	Price, wholesale, Ponderosa, boards, No. 3 common, 1" x 8" ⁵	
			Total sawmill prod- ucts	Sawed timber	Boards, planks, scant- lings, etc.	Boards, No. 2 common, 1" x 6" or 8" x 12"	Flooring, B and better, F. G., 1" x 4" x 12-14"	New	Unfilled, end of month					
Millions of board feet	Thousands of board feet	Thousands of board feet	Dollars per M board feet	Millions of board feet	Dollars per M board feet									
1935 monthly average ..	503	2,628	31,438	7,419	24,019	18.235	36.709	296	224	310	290	1,350	19.37	
1936 monthly average ..	603	2,674	28,765	6,281	22,484	19.516	38.086	381	305	378	366	1,656	18.54	
1937 monthly average ..	603	2,743	29,830	5,526	24,304	22.173	45.615	363	288	418	385	1,801	21.54	
1938 monthly average ..	614	3,005	25,231	4,939	20,291	18.589	43.008	355	197	336	346	1,968	17.68	
1939 monthly average ..	660	2,804	23,052	5,183	17,869	22.538	41.514	406	265	402	406	1,872	20.04	
1940 monthly average ..	882	2,628	17,871	3,061	14,809	25.784	44.355	460	361	442	450	1,858	22.70	
1941 monthly average ..	866	2,351	12,985	1,634	11,351	31.781	51.148	523	480	514	519	1,642	28.73	
1942 monthly average ..	1,034	1,735	7,997	1,134	6,863	28.901	52.124	547	569	504	538	1,349	31.44	
1943 monthly average ..	851	1,406	5,747	600	5,146	34.416	52.217	484	525	483	494	968	33.26	
1944 monthly average ..	689	1,234	7,243	1,237	6,006	40.449	55.809	495	467	493	498	943	34.67	
1945 monthly average ..	606	1,137	6,427	1,004	5,423	41.630	56.688	412	374	411	419	887	35.12	
1946 monthly average ..	774	1,099	12,185	3,685	8,497	48.086	68.012	500	286	512	502	896	39.49	
1947														
January.....	731	1,194	11,842	2,007	9,835	71.656	112.528	459	302	335	433	942	45.60	
February.....	760	1,280	20,159	8,214	11,945	72.530	115.550	384	278	353	414	882	48.51	
March.....	775	1,345	19,041	4,441	14,600	71.460	124.441	530	353	428	462	849	50.99	
April.....	801	1,398	17,511	4,341	13,170	67.790	133.862	541	357	544	545	848	52.71	
May.....	829	1,464	25,081	3,623	21,458	65.694	133.250	454	247	666	573	940	54.69	
June.....	738	1,508	22,591	3,444	19,147	62.656	132.148	691	389	658	558	1,039	54.36	
July.....	831	1,500	21,883	1,952	19,931	63.462	130.910	667	463	698	602	1,133	55.23	
August.....	857	1,451	16,534	2,214	14,320	67.978	134.279	677	517	705	633	1,204	56.23	
September.....	822	1,378	8,920	1,472	7,448	71.127	138.150	624	542	667	608	1,262	59.01	
October.....	858	1,341	12,753	1,656	11,097	72.247	141.139	634	569	663	617	1,309	61.23	
November.....	679	1,296	8,715	1,435	7,280	74.521	146.731	576	604	504	550	1,264	63.22	
December.....	688	1,317	7,738	783	6,955	78.316	149.273	470	526	508	557	1,217	61.68	
Monthly average.....	781	1,373	16,064	2,965	13,099	69.971	133.101	559	429	561	546	1,074	55.43	
1948														
January.....	717	1,301	6,527	1,402	5,125	78.594	150.326	519	561	391	473	1,134	63.55	
February.....	625	1,251	7,585	1,392	6,193	77.728	150.326	441	576	386	429	1,094	64.45	
March.....	701	1,289	7,209	953	6,282	77.461	152.019	553	648	471	485	1,080	66.16	
April.....	789	1,352	8,620	1,147	7,473	77.007	152.164	500	654	515	493	1,102	66.36	
May.....	796	1,441	10,903	2,852	8,051	75.325	152.164	587	685	588	557	1,131	67.66	
June.....	799	1,518	10,575	1,031	9,544	73.204	151.539	683	702	721	666	1,186	68.23	
July.....	791	1,595	8,734	1,369	7,428	73.260	151.539	712	714	795	699	1,282	70.42	
August.....	781	1,612	7,291	1,688	5,603	73.063	151.906	818	728	827	723	1,386	78.04	
September.....	792	1,586	6,762	1,861	4,901	71.869	152.881	699	775	745	652	1,479	72.09	
October.....	795	1,581	8,076	1,794	6,282	71.815	152.852	618	592	702	591	1,590	71.03	
November.....	681	1,616	11,672	2,532	9,140	70.289	152.764	511	611	581	499	1,664	69.93	
December.....	645	1,703	9,842	1,743	8,099	69.872	152.151	436	638	422	411	1,675	69.59	
Monthly average.....	749	1,487	8,650	1,647	7,010	74.076	151.899	590	657	595	557	1,317	71.01	
1949														
January.....	626	1,771	9,139	2,555	6,584	67.292	149.144	334	589	223	299	1,599	68.00	
February.....	560	1,809	9,299	3,218	6,081	65.400	148.409	306	531	238	288	1,548	68.05	
March.....	713	1,802	11,390	4,330	7,060	64.167	146.650	457	466	381	400	1,529	67.48	
April.....	691	1,772	7,469	3,053	4,416	62.001	144.513	545	492	580	523	1,586	66.80	
May.....	740	1,760	10,202	3,797	6,405	60.380	142.865	568	498	619	561	1,644	65.84	
June.....	723	1,740	9,934	3,457	6,477	59.033	139.374	684	539	712	643	1,713	65.20	
July.....	678	1,732	9,028	3,016	6,012	59.479	139.200	643	607	628	578	1,763	62.54	
August.....	820	1,656	9,218	2,737	6,481	61.173	136.484	673	629	721	655	1,829	59.21	
September.....	810	1,628	8,869	2,488	6,381	63.326	138.542	693	699	637	626	1,840	57.02	
October.....	763	1,566	8,468	2,376	6,092	64.311	139.583	643	734	617	669	1,847	57.56	
November.....	781	1,545	9,226	3,298	5,928	65.008	140.256	630	759	563	627	1,724	58.00	
December.....	672	1,623	7,925	2,791	5,134	65.467	140.256	624	767	477	569	1,632	59.18	
Monthly average.....	715	1,700	9,181	3,093	6,088	63.055	142.064	567	609	533	537	1,688	62.89	
1950														
January.....	676	1,650	9,104	2,688	6,416	65.765	141.114	461	757	264	405	1,491	60.37	
February.....	696	1,621	8,269	2,178	6,091	65.618	139.472	467	755	326	439	1,377	61.26	
March.....	785	1,602	6,813	1,584	5,229	65.986	139.410	584	763	477	582	1,272	62.72	
April.....	746	1,614	8,602	2,562	6,040	66.176	139.165	619	783	585	597	1,261	64.13	
May.....	879	1,533	8,866	1,926	6,940	69.342	141.892	721	719	729	697	1,293	66.22	
June.....	859	1,471	11,999	2,866	9,133	72.182	142.657	828	758	837	789	1,341	68.53	
July.....	807	1,421	10,443	2,683	7,765	74.568	144.776	803	778	766	733	1,374	70.84	
August.....	932	1,320	8,329	2,445	5,879	81.773	148.405	851	823	879	806	1,447	74.69	
September.....	834	1,276	5,501	1,544	3,957	87.225	154.295	766	804	771	734	1,484	78.68	
October.....	774	1,317	6,976	2,270	4,706	82.954	153.204	747	786	735	721	1,498	81.38	
November.....	695	1,400	10,607	3,051	7,556	79.027	153.204	617	765	616	606	1,515	82.52	
December.....	592	1,517	10,571	2,527	8,044	78.822	152.515	619	770	500	564	1,451	84.47	
Monthly average.....	773	1,479	8,840	2,360	6,480	74.184	145.866	674	772	624	639	1,400	71.27	

For footnotes giving source of data and description of series, see pp. 265, 266.

LUMBER AND MANUFACTURES—PLYWOOD AND FLOORING

YEAR AND MONTH	SOFTWOOD PLYWOOD ¹			HARDWOOD FLOORING									
	Production	Shipments	Stocks, end of month	Maple, beech, and birch ²					Oak ³				
				Orders		Production	Shipments	Stocks, mill, end of month	Orders		Production	Shipments	Stocks, mill, end of month
				New	Unfilled, end of month				New	Unfilled, end of month			
	Thousands of square feet, 3/8" equivalent			Thousands of board feet									
1935 monthly average ..	.....	.....	.....	6,044	6,714	5,639	5,659	27,324	18,279	13,797	16,384	16,627	56,981
1936 monthly average ..	.....	.....	.....	8,450	14,900	7,000	7,600	23,500	33,669	41,580	30,218	29,617	62,870
1937 monthly average ..	.....	.....	.....	6,933	14,628	7,892	7,798	20,680	25,698	38,184	31,496	29,641	71,036
1938 monthly average ..	.....	.....	.....	6,400	9,830	5,680	5,860	22,210	33,722	43,420	31,715	30,934	85,234
1939 monthly average ..	86,000	.....	.....	7,480	13,375	6,890	7,430	19,275	34,618	49,716	35,205	35,718	80,191
1940 monthly average ..	.....	.....	.....	7,425	10,445	7,235	7,540	18,125	43,094	61,934	42,600	43,079	67,555
1941 monthly average ..	150,392	148,474	34,807	8,390	11,260	8,190	8,575	15,720	46,554	62,290	47,247	47,058	58,560
1942 monthly average ..	153,353	150,522	36,538	7,040	8,270	7,035	7,300	12,500	31,703	32,037	34,594	33,140	66,807
1943 monthly average ..	124,598	123,884	29,783	4,635	7,560	3,680	4,440	5,190	27,174	27,453	20,786	26,168	23,417
1944 monthly average ..	123,741	123,733	30,777	3,690	7,710	3,590	3,490	3,440	21,337	29,229	19,478	19,609	5,285
1945 monthly average ..	101,865	101,572	28,690	2,950	7,380	3,020	2,850	2,810	19,249	38,345	19,664	19,425	3,731
1946 monthly average ..	119,672	119,331	30,582	3,255	6,140	3,070	3,250	2,890	23,728	35,557	27,135	26,841	7,196
1947													
January.....	139,913	135,777	30,712	3,850	5,550	3,900	4,375	1,650	43,306	41,523	40,253	41,247	5,730
February.....	129,498	127,467	31,995	5,200	7,450	3,875	3,625	1,850	34,981	40,157	37,976	37,733	5,978
March.....	139,670	140,253	32,146	5,825	8,375	4,050	4,400	1,625	43,443	39,970	42,944	42,260	6,032
April.....	147,008	142,113	35,460	5,825	9,500	4,675	4,725	1,500	43,179	38,418	47,361	46,140	7,016
May.....	142,409	141,980	35,424	5,375	10,175	4,850	4,800	1,500	47,708	43,122	48,709	47,839	7,886
June.....	140,147	142,817	31,345	5,900	11,375	5,125	4,875	1,775	48,444	44,340	46,985	45,435	8,797
July.....	107,588	102,042	36,332	6,250	12,225	5,575	5,275	2,050	59,663	58,439	55,629	53,579	9,370
August.....	139,398	137,689	37,036	6,500	13,325	5,550	5,575	1,950	57,678	58,064	57,996	58,126	8,314
September.....	147,823	146,993	38,070	6,075	13,875	5,825	5,475	2,425	53,535	60,195	62,696	60,800	8,045
October.....	170,769	162,059	43,973	7,150	14,475	7,150	6,500	3,000	61,549	57,626	69,623	66,697	10,971
November.....	145,370	149,197	40,524	6,050	14,650	5,550	5,725	2,675	47,646	52,751	56,667	55,784	10,704
December.....	150,853	159,005	31,509	5,975	14,775	6,150	5,300	3,450	49,397	51,135	57,886	51,013	16,086
Monthly average.....	141,704	140,616	35,377	5,830	11,310	5,190	5,050	2,120	49,211	48,812	52,060	50,554	8,744
1948													
January.....	159,028	152,486	37,726	7,575	15,800	6,300	6,600	3,250	62,057	54,455	61,152	61,894	14,605
February.....	156,314	155,520	39,293	6,600	16,575	6,250	5,925	3,550	56,814	58,129	57,955	57,078	15,482
March.....	185,716	184,443	39,879	7,175	17,350	6,525	6,575	3,650	59,988	55,320	64,991	62,797	15,626
April.....	164,862	162,975	40,435	6,175	17,575	6,800	6,225	4,275	64,784	59,397	67,541	65,226	17,941
May.....	151,364	150,924	40,778	5,950	17,225	6,200	5,925	4,475	60,293	60,819	65,616	63,449	19,654
June.....	150,187	149,742	41,425	6,175	15,975	7,350	6,750	4,925	65,579	57,391	70,213	69,007	20,860
July.....	123,517	119,359	45,137	6,075	16,000	5,800	5,650	4,975	71,328	58,134	76,375	73,575	22,565
August.....	173,009	170,485	47,453	5,800	15,675	6,275	6,375	4,500	71,440	55,098	76,290	74,476	24,379
September.....	178,963	172,958	53,356	5,050	15,050	6,225	4,900	5,775	67,943	51,209	76,000	71,831	28,548
October.....	183,486	180,626	54,941	4,250	13,350	6,000	5,800	5,900	62,568	45,223	74,422	70,951	32,019
November.....	172,151	160,833	64,670	3,925	12,000	5,875	4,925	6,825	58,507	41,161	73,784	66,185	39,618
December.....	155,286	156,013	63,688	3,925	10,025	5,550	4,700	7,425	51,806	34,730	67,849	58,237	49,230
Monthly average.....	162,824	159,697	47,398	5,720	15,220	6,260	5,860	4,960	62,759	52,589	69,349	66,226	25,044
1949													
January.....	121,559	111,159	77,400	3,475	9,300	4,200	3,900	7,300	54,851	32,389	62,043	56,378	54,895
February.....	146,455	136,514	85,993	4,025	8,750	4,200	3,700	7,850	50,086	32,964	54,460	51,204	58,151
March.....	179,336	182,343	82,938	5,000	7,575	5,000	5,200	8,550	61,264	34,744	65,504	64,869	58,786
April.....	160,376	165,032	78,423	3,950	8,500	4,175	3,950	7,725	54,156	34,933	61,441	60,360	59,867
May.....	164,185	161,526	80,249	3,400	7,325	4,275	3,675	8,000	58,749	31,879	64,409	61,803	62,473
June.....	160,820	170,171	71,285	4,300	6,870	5,250	4,650	8,840	56,876	31,908	66,584	62,825	66,232
July.....	109,213	115,035	65,774	4,275	6,875	4,650	4,000	9,300	62,722	30,229	58,250	61,691	62,791
August.....	182,204	185,191	62,868	4,200	6,300	4,900	4,550	9,700	78,066	35,029	70,606	73,266	57,135
September.....	181,644	182,512	62,278	4,300	6,600	4,325	3,950	10,150	87,382	47,846	71,309	74,565	53,879
October.....	189,159	191,511	59,664	4,800	6,850	4,175	4,575	9,650	85,525	55,918	72,162	77,453	47,202
November.....	189,244	193,447	55,304	4,525	7,125	4,375	4,200	10,000	74,615	55,715	72,953	74,818	44,201
December.....	192,454	198,390	49,189	4,325	5,900	4,450	4,250	10,025	71,891	61,488	69,066	66,118	47,149
Monthly average.....	164,721	166,069	69,280	4,220	7,330	4,500	4,220	8,920	66,349	40,420	65,732	65,446	56,063
1950													
January.....	175,484	168,635	55,268	5,400	7,225	4,225	4,225	9,925	85,965	75,816	71,038	71,637	45,612
February.....	177,577	177,905	55,322	5,275	8,250	4,125	4,450	9,650	91,090	95,627	68,334	71,297	41,201
March.....	235,291	237,000	53,878	7,150	9,850	4,850	5,450	9,050	93,988	102,330	81,049	87,285	34,965
April.....	207,431	206,840	53,638	5,800	11,050	4,025	4,625	8,275	78,601	102,115	75,243	78,816	31,392
May.....	228,184	224,383	57,861	7,525	12,675	5,225	5,325	8,150	92,625	106,689	86,791	88,051	28,134
June.....	223,051	230,444	50,836	5,425	12,475	5,425	6,550	7,000	84,121	95,723	91,649	95,087	24,696
July.....	150,764	146,607	55,129	8,550	15,625	4,500	5,650	5,700	98,438	108,142	83,300	86,019	21,977
August.....	244,051	237,558	60,695	11,650	19,575	5,825	7,500	4,075	99,968	104,163	99,237	103,947	17,267
September.....	229,340	233,608	56,721	5,950	19,675	5,375	6,100	3,425	82,785	96,413	91,059	90,535	17,791
October.....	250,782	249,789	58,498	5,475	19,100	5,900	5,750	3,570	71,035	83,098	93,879	93,131	18,539
November.....	243,761	243,149	57,703	5,400	19,600	5,650	5,500	3,775	62,778	68,884	93,040	86,031	25,548
December.....	233,634	243,319	47,747	4,700	18,900	5,700	5,125	4,250	67,553	68,155	81,885	73,944	33,489
Monthly average.....	216,613	216,603	55,275	6,525	14,500	5,069	5,521	6,404	84,079	92,263	84,709	85,482	28,384

For footnotes giving source of data and description of series, see pp. 266, 267.

METALS AND MANUFACTURES—IRON AND STEEL

YEAR AND MONTH	FOREIGN TRADE ¹				IRON AND STEEL SCRAP ³						ORE		
	Iron and steel products (excluding advanced manufactures)				Consumption			Stocks, consumers', end of month			Iron ore		
	Exports		Imports		Total	Home scrap	Pur-chased scrap	Total	Home scrap	Pur-chased scrap	All districts ⁴		
	Total	Scrap ²	Total	Scrap							Mine production	Ship-ments	Stocks, at mines, end of month
Short tons				Thousands of short tons						Thousands of long tons			
1935 monthly average ..	285,944	196,370	43,868	6,045	2,465	1,246	1,220	.....	.....	.....	2,545	2,786	⁵ 7,787
1936 monthly average ..	294,685	180,706	62,228	13,276	3,393	1,764	1,629	.....	.....	.....	4,066	4,289	⁵ 5,442
1937 monthly average ..	707,169	382,812	49,762	7,620	3,547	1,855	1,693	.....	.....	.....	6,008	6,029	⁵ 5,527
1938 monthly average ..	480,473	279,869	24,692	2,282	1,992	1,057	936	⁶ 5,148	⁶ 1,890	⁶ 3,258	2,371	2,203	⁵ 7,611
1939 monthly average ..	567,802	334,548	29,416	2,753	3,027	1,635	1,392	⁶ 5,310	⁶ 1,937	⁶ 3,373	4,311	4,569	⁵ 4,750
1940 monthly average ..	990,139	263,274	5,340	189	3,711	2,087	1,623	⁶ 5,472	⁶ 1,784	⁶ 3,688	6,141	6,267	⁵ 3,614
1941 monthly average ..	669,053	75,354	9,804	5,997	4,934	2,825	2,109	⁷ 4,529	⁷ 1,424	⁷ 3,105	7,701	7,755	⁵ 3,592
1942 monthly average ..	613,880	11,811	12,298	7,680	5,022	2,761	2,261	4,550	1,284	3,266	8,794	8,832	3,898
1943 monthly average ..	599,692	4,575	14,920	11,955	5,138	2,920	2,218	6,170	1,694	4,476	8,437	8,289	6,366
1944 monthly average ..	512,302	7,973	16,782	9,070	5,112	2,952	2,160	5,268	1,603	3,665	7,843	7,928	6,361
1945 monthly average ..	433,604	7,978	⁸ 17,661	3,856	4,683	2,580	2,103	4,073	1,327	2,745	7,365	7,345	5,877
1946 monthly average ..	429,112	12,424	9,786	2,519	4,124	2,178	1,946	⁹ 3,757	⁹ 1,239	⁹ 2,518	5,904	5,841	5,597
1947													
January.....	540,755	8,381	19,193	1,690	4,900	2,717	2,183	2,886	1,063	1,823	2,698	1,251	7,135
February.....	476,553	4,694	20,307	1,511	4,503	2,406	2,097	3,032	1,061	1,971	2,591	1,322	8,404
March.....	628,672	9,082	17,440	3,058	5,136	2,689	2,447	3,366	1,109	2,257	2,846	1,425	9,825
April.....	631,771	10,162	15,090	3,478	5,142	2,653	2,489	3,920	1,136	2,784	6,575	7,216	9,212
May.....	639,749	18,175	15,728	2,184	5,292	2,744	2,548	4,082	1,133	2,949	10,981	11,755	8,438
June.....	601,152	29,579	19,417	3,410	5,184	2,560	2,624	4,067	1,303	2,764	11,643	12,499	7,582
July.....	551,248	20,528	21,733	2,426	4,752	2,384	2,368	4,096	1,257	2,839	13,127	14,069	6,608
August.....	558,161	10,717	15,270	3,917	4,826	2,561	2,265	4,369	1,295	3,074	12,819	13,533	5,895
September.....	563,948	15,053	14,953	1,828	4,898	2,460	2,438	4,525	1,436	3,089	11,336	11,865	5,367
October.....	623,886	27,094	13,579	2,025	5,484	2,865	2,619	4,489	1,475	3,014	10,108	10,780	4,695
November.....	600,630	14,057	18,408	6,884	5,176	2,643	2,533	4,449	1,442	3,007	6,043	6,306	4,432
December.....	603,519	26,702	18,931	3,787	5,306	2,722	2,584	4,316	1,416	2,901	2,972	1,879	5,528
Monthly average.....	585,004	16,185	⁸ 17,504	⁸ 3,016	5,072	2,632	2,440	3,966	1,261	2,706	7,758	7,776	6,927
1948													
January.....	543,092	15,043	21,323	5,149	5,294	2,789	2,505	3,976	1,284	2,692	2,757	1,496	6,790
February.....	487,243	22,269	15,234	4,219	5,082	2,640	2,442	3,936	1,196	2,740	2,686	1,481	8,009
March.....	494,962	22,207	45,621	19,973	5,875	2,890	2,985	4,064	1,161	2,908	3,019	1,707	9,186
April.....	438,902	29,328	48,800	15,803	5,217	2,445	2,772	4,571	1,196	3,375	8,687	9,485	8,388
May.....	381,707	19,675	27,870	11,509	5,588	2,715	2,873	4,654	1,147	3,507	11,865	12,537	7,716
June.....	380,432	21,552	55,264	19,979	5,401	2,651	2,750	4,922	1,222	3,700	12,578	13,252	7,049
July.....	366,497	28,898	50,194	15,260	5,050	2,518	2,532	5,118	1,272	3,846	12,787	13,491	6,349
August.....	343,673	10,862	61,644	26,449	5,309	2,603	2,706	5,389	1,401	3,988	12,748	12,492	6,605
September.....	326,221	11,165	117,806	72,034	5,410	2,718	2,692	5,601	1,505	4,096	11,942	12,204	6,353
October.....	377,496	19,181	162,035	77,598	5,783	2,914	2,869	5,675	1,511	4,164	10,003	11,150	5,206
November.....	281,097	27,498	119,611	70,886	5,656	2,867	2,789	5,792	1,491	4,301	9,329	9,455	4,455
December.....	463,706	16,010	181,716	76,214	5,615	2,819	2,796	6,065	1,550	4,515	3,675	2,698	5,433
Monthly average.....	407,086	20,308	⁸ 80,872	34,589	5,414	2,702	2,712	4,980	1,328	3,652	8,417	8,402	6,795
1949													
January.....	436,706	10,001	285,866	166,448	5,759	2,915	2,844	6,030	1,485	4,545	2,920	1,498	6,835
February.....	388,671	10,238	295,009	199,846	5,346	2,658	2,688	5,882	1,403	4,479	2,882	1,610	8,107
March.....	457,018	12,794	304,844	239,226	5,925	2,976	2,949	5,842	1,466	4,376	4,335	2,799	9,643
April.....	565,170	33,247	181,009	129,769	5,223	2,722	2,501	5,771	1,555	4,216	9,889	10,910	8,623
May.....	553,244	52,408	161,725	127,675	4,968	2,719	2,249	5,745	1,626	4,119	11,865	12,549	7,939
June.....	599,073	50,866	109,133	91,838	4,398	2,500	1,898	5,824	1,751	4,073	12,923	13,750	7,112
July.....	507,184	23,210	55,745	52,359	3,800	2,241	1,559	5,748	1,820	3,928	12,757	13,696	6,172
August.....	509,642	27,342	50,667	43,207	4,756	2,747	2,009	5,351	1,789	3,563	11,986	12,582	5,576
September.....	521,535	22,423	19,327	5,618	4,631	2,658	1,973	4,824	1,531	3,293	10,164	10,421	5,319
October.....	255,611	20,319	25,247	17,086	1,664	765	899	5,340	1,737	3,603	709	1,591	4,456
November.....	187,348	17,557	62,358	11,924	3,401	1,795	1,606	5,497	1,693	3,804	2,049	2,079	4,407
December.....	373,765	18,189	62,501	18,930	5,320	2,824	2,496	5,718	1,642	4,076	2,816	1,649	5,575
Monthly average.....	446,247	24,883	132,786	91,994	4,528	2,431	2,098	5,631	1,625	4,006	7,078	7,057	6,647
1950													
January.....	298,496	13,552	69,136	33,468	5,495	2,956	2,539	5,400	1,548	3,852	2,777	1,524	6,831
February.....	282,076	17,177	51,136	3,606	5,084	2,677	2,407	5,154	1,468	3,686	2,492	1,245	8,077
March.....	273,017	14,481	97,848	15,832	5,714	2,992	2,722	4,740	1,343	3,397	2,496	1,150	9,424
April.....	258,094	18,151	102,857	18,408	5,733	2,988	2,745	5,511	1,315	3,196	2,999	2,087	10,337
May.....	290,000	18,575	136,730	21,090	5,973	3,115	2,858	4,646	1,371	3,275	10,740	10,770	10,306
June.....	346,392	15,719	182,152	45,220	5,737	2,956	2,781	5,151	1,499	3,652	12,355	13,274	9,460
July.....	249,671	14,357	182,520	26,102	5,273	2,760	2,513	5,553	1,602	3,951	13,477	14,238	8,685
August.....	252,086	12,537	299,929	121,140	5,826	3,078	2,748	5,816	1,699	4,117	14,478	15,012	8,154
September.....	281,102	29,006	256,874	94,601	5,790	3,026	2,764	5,767	1,711	4,056	13,887	14,514	7,527
October.....	263,069	21,122	451,097	123,831	6,320	3,288	3,032	5,805	1,667	4,138	12,999	13,419	7,107
November.....	285,918	26,253	467,063	128,456	5,929	3,019	2,910	5,475	1,560	3,914	7,401	9,017	5,490
December.....	261,104	16,479	482,903	98,700	6,004	3,092	2,912	5,240	1,490	3,751	3,362	2,997	5,856
Monthly average.....	278,418	18,117	231,687	60,871	5,740	2,996	2,744	5,272	1,523	3,749	8,180	8,130	8,105

For footnotes giving source of data and description of series, see p. 267.

METALS AND MANUFACTURES—IRON AND STEEL—Continued

YEAR AND MONTH	ORE							IRON MANUFACTURES						
	Iron ore						Manga- nese ore, imports (manga- nese con- tent) ²	Castings						
	Lake Superior district ¹					Im- ports ²		Gray iron ³			Malleable iron ⁴			
	Ship- ments from upper lake ports	Con- sump- tion by fur- naces	Stocks, end of month					Orders, unfilled, for sale	Shipments		Orders		Shipments	
			Total	At fur- naces	On Lake Erie docks				Total	For sale	New, for sale	Un- filled, for sale	Total	For sale
Thousands of long tons							Long tons	Short tons						
1935 monthly average ..	2,364	2,572	30,072	25,366	4,706	124	15,772	.....	.....	.....	.....	.....	37,934	.....
1936 monthly average ..	3,735	3,720	27,179	22,640	4,452	186	34,646	.....	.....	.....	33,222	.....	46,223	31,575
1937 monthly average ..	5,217	4,500	29,629	25,486	4,142	204	38,726	.....	.....	.....	32,057	.....	49,719	35,078
1938 monthly average ..	1,605	2,142	36,141	30,756	5,385	177	20,238	.....	.....	.....	16,931	.....	24,667	17,383
1939 monthly average ..	3,756	3,697	30,865	26,199	4,670	201	26,892	.....	.....	.....	29,521	.....	38,839	27,618
1940 monthly average ..	5,309	5,202	29,702	25,787	3,915	207	52,348	.....	.....	.....	34,526	.....	46,351	33,402
1941 monthly average ..	6,676	6,361	31,326	27,719	3,607	195	61,381	.....	.....	.....	55,307	.....	69,348	51,614
1942 monthly average ..	7,673	7,185	36,715	32,125	4,590	61	57,110	.....	.....	.....	58,597	.....	62,167	49,234
1943 monthly average ..	7,034	7,419	34,973	30,207	4,766	33	54,504	.....	786,767	.....	68,869	.....	70,387	54,490
1944 monthly average ..	6,764	7,271	32,622	28,226	4,396	39	47,116	.....	816,212	514,476	57,328	.....	73,186	51,632
1945 monthly average ..	6,310	6,215	30,619	27,226	3,393	100	47,164	1,928,447	798,191	493,600	35,513	285,528	65,894	43,407
1946 monthly average ..	4,946	5,174	32,645	28,852	3,792	230	55,207	2,621,443	855,805	508,521	40,281	268,514	62,669	37,696
1947														
January.....	0	7,024	30,514	26,744	3,770	223	75,777	3,021,141	1,077,820	632,789	34,517	259,764	75,898	42,414
February.....	0	6,264	24,317	20,938	3,379	198	45,447	2,986,741	1,009,970	583,252	55,938	274,018	74,683	41,684
March.....	0	6,979	17,411	14,755	2,656	229	32,329	2,979,326	1,089,828	533,844	50,194	280,724	76,602	43,488
April.....	4,448	6,579	13,555	11,738	1,816	263	66,007	2,907,694	1,097,150	636,708	41,994	275,415	81,890	47,303
May.....	10,373	6,885	17,618	15,541	2,078	439	45,522	2,782,706	1,097,307	633,013	29,006	262,117	75,488	42,304
June.....	11,457	6,500	21,746	19,594	2,152	479	37,953	2,710,854	1,038,356	596,874	31,972	248,798	78,524	45,291
July.....	12,614	6,156	28,440	25,677	2,764	576	55,569	2,675,138	912,939	519,137	26,591	234,656	64,162	40,733
August.....	12,122	6,638	33,896	30,397	3,499	597	48,082	2,631,273	951,859	550,961	33,208	229,708	62,395	38,156
September.....	10,685	6,492	38,370	34,065	4,305	580	44,947	2,679,858	1,025,089	590,702	28,706	218,276	71,568	40,138
October.....	9,785	7,151	41,641	36,852	4,789	573	41,880	2,668,781	1,154,192	654,426	40,105	210,675	83,976	47,966
November.....	5,877	7,068	43,010	38,195	4,816	443	43,767	2,687,244	1,020,239	561,660	35,804	206,510	72,111	39,709
December.....	537	6,970	36,095	31,749	4,346	297	24,594	2,782,236	1,066,211	587,933	39,940	202,408	77,757	44,042
Monthly average.....	6,492	7,734	28,884	25,520	3,364	408	46,823	2,792,749	1,045,080	598,442	37,331	241,922	74,588	42,769
1948														
January.....	0	7,057	29,081	25,205	3,877	337	82,601	2,802,685	1,064,335	584,238	49,239	205,859	77,927	45,788
February.....	0	6,441	22,628	19,412	3,216	269	49,587	2,769,408	1,024,450	571,406	46,258	209,447	75,225	42,670
March.....	0	6,634	16,022	13,761	2,262	379	67,714	2,726,415	1,169,085	659,821	43,969	203,351	86,767	50,665
April.....	7,677	4,976	17,125	15,172	1,953	403	47,313	2,690,893	1,051,083	584,969	42,261	199,578	80,602	46,034
May.....	11,609	6,656	22,058	19,885	2,173	441	38,559	2,601,626	992,692	555,728	34,313	191,553	76,078	42,338
June.....	11,727	6,577	26,965	24,308	2,657	707	61,920	2,587,081	1,072,040	597,624	35,377	178,760	81,747	48,170
July.....	11,821	6,479	32,611	29,419	3,191	489	45,954	2,601,084	914,464	490,359	36,679	180,421	64,995	35,018
August.....	11,735	7,036	37,081	33,236	3,845	571	47,667	2,598,789	1,050,948	597,678	37,604	176,824	73,272	41,201
September.....	10,599	6,965	40,923	36,658	4,265	541	38,300	2,587,385	1,088,051	615,978	31,163	164,002	77,815	43,985
October.....	10,029	7,273	43,883	38,619	5,264	955	55,254	2,522,831	1,148,422	642,485	38,654	158,351	81,761	44,305
November.....	7,239	7,058	45,160	39,470	5,690	630	34,597	2,406,737	1,099,827	606,380	30,312	146,422	77,194	42,241
December.....	501	7,351	39,460	34,557	4,903	388	58,014	2,284,348	1,110,512	624,739	34,360	137,385	79,882	43,397
Monthly average.....	6,911	6,709	31,083	27,475	3,608	509	52,290	2,598,274	1,065,492	594,284	38,349	179,329	77,772	43,768
1949														
January.....	0	7,590	31,904	27,882	4,022	371	42,859	2,064,861	1,040,343	573,511	26,948	126,393	71,876	38,040
February.....	0	6,992	24,981	21,811	3,170	391	54,718	1,857,403	986,591	535,553	26,999	118,318	66,744	35,073
March.....	499	7,735	17,308	15,050	2,258	386	48,128	1,639,465	1,074,704	567,481	22,204	102,379	72,052	38,143
April.....	8,868	7,322	17,803	15,770	2,033	560	37,696	1,445,532	929,307	467,839	24,307	94,958	61,317	31,840
May.....	11,656	7,277	21,508	19,273	2,235	650	37,285	1,243,266	866,631	439,804	11,629	78,944	54,572	27,643
June.....	12,141	6,249	27,696	24,957	2,739	642	60,197	1,083,434	905,573	455,858	23,560	69,665	59,597	32,639
July.....	12,768	5,262	35,064	31,493	3,571	946	41,532	1,031,963	696,915	341,846	24,147	70,796	44,360	23,216
August.....	11,315	5,726	40,811	36,084	4,728	1,025	45,723	1,048,308	872,013	446,237	20,861	61,330	58,121	30,327
September.....	9,461	5,565	45,356	39,346	6,010	968	49,521	980,070	880,647	459,223	27,369	56,176	60,723	30,781
October.....	1,575	877	47,017	39,585	7,432	458	44,431	955,100	715,685	398,258	26,728	54,322	57,150	28,582
November.....	1,103	3,527	44,786	37,848	6,939	655	59,666	938,629	718,703	395,422	26,723	55,795	49,439	25,550
December.....	171	6,788	38,629	32,544	6,085	348	79,736	892,458	862,172	440,409	34,719	60,835	57,379	29,679
Monthly average.....	5,796	5,917	32,739	28,470	4,268	617	50,124	1,265,041	879,107	460,120	24,547	79,176	59,444	30,934
1950														
January.....	0	6,764	32,004	26,710	5,294	601	46,784	914,185	913,321	449,577	34,390	62,307	62,874	32,918
February.....	0	5,329	26,745	22,103	4,642	509	54,969	873,455	864,189	416,594	35,991	67,049	60,386	31,249
March.....	0	5,948	20,865	16,829	4,035	579	60,525	921,575	995,782	500,195	41,456	69,866	66,259	38,639
April.....	349	7,109	14,099	11,033	3,066	334	68,367	922,255	981,126	483,862	42,663	76,250	69,822	36,279
May.....	9,496	7,362	14,384	11,544	2,840	678	63,834	977,833	1,095,111	572,887	43,256	77,074	76,161	42,432
June.....	11,738	7,249	19,189	15,997	3,192	893	106,605	1,039,618	1,136,129	613,084	56,322	86,783	82,345	46,613
July.....	12,704	7,579	24,108	20,651	3,456	792	88,458	1,286,579	961,450	507,867	55,715	105,300	67,514	37,198
August.....	12,482	7,371	29,966	26,084	3,881	852	55,716	1,670,380	1,201,569	677,134	77,093	132,374	86,021	50,019
September.....	12,191	7,175	35,716	31,388	4,328	920	69,637	1,794,118	1,159,240	648,966	67,136	152,583	82,479	46,927
October.....	11,380	7,415	39,711	35,651	4,059	964	67,299	1,839,866	1,254,901	700,512	57,852	160,278	89,968	50,157
November.....	6,993	6,861	41,543	36,919	4,624	733	57,183	1,930,176	1,160,770	656,745	68,491	180,099	85,163	48,670
December.....	873	7,289	37,169	31,771	5,398	376	87,857	2,012,480	1,181,974	652,929	65,942	194,950	91,510	51,091
Monthly average.....	6,517	6,961	27,958	23,890	4,068	686	68,936	1,348,543	1,075,464	573,363	53,859	113,743	76,709	42,683

For footnotes giving source of data and description of series, see pp. 267, 268.

METALS AND MANUFACTURES—IRON AND STEEL—Continued

YEAR AND MONTH	PIG IRON						STEEL, CRUDE AND SEMIMANUFACTURES									
	Pro- duc- tion ¹	Con- sump- tion ²	Stocks (consum- ers' and suppli- ers'), end of month ³	Prices, wholesale			Steel castings, shipments ⁵			Steel forgings, for sale ⁷						
				Com- pos- ite ³	Basic, fur- nace ⁴	Foundry, No. 2, f.o.b. Neville Island ⁴	Total	For sale ⁶		Orders, unfilled			Shipments			
								Total	Railway special- ties	Total	Drop and upset	Press and open hammer	Total	Drop and upset	Press and open hammer	
Thousands of short tons			Dollars per long ton			Short tons										
1935 monthly average ..	1,961	1,925	.....	19.12	18.17	18.673	.....	33,249	7,861	.....	.....	.....	.....	.....	.....	.....
1936 monthly average ..	2,858	2,809	.....	20.00	19.12	19.596	.....	67,141	27,280	.....	.....	.....	.....	.....	.....	.....
1937 monthly average ..	3,417	3,179	.....	23.60	23.02	23.462	.....	84,991	37,551	.....	.....	.....	.....	.....	.....	.....
1938 monthly average ..	1,753	1,727	⁸⁴ 883	22.35	21.69	22.226	.....	28,561	7,408	.....	.....	.....	.....	.....	.....	.....
1939 monthly average ..	2,943	2,936	⁸³ 773	21.75	21.08	21.615	.....	49,512	16,140	.....	.....	.....	.....	.....	.....	.....
1940 monthly average ..	3,912	3,849	⁸³ 242	23.15	22.54	23.058	.....	66,496	24,188	.....	.....	.....	.....	.....	.....	.....
1941 monthly average ..	4,659	4,682	⁸¹ 878	24.10	23.50	24.000	.....	109,669	39,317	.....	.....	.....	.....	.....	.....	.....
1942 monthly average ..	4,999	4,920	1,312	24.19	23.50	24.000	.....	139,932	25,779	.....	.....	.....	.....	.....	.....	.....
1943 monthly average ..	5,148	5,026	1,514	24.19	23.50	24.000	.....	160,720	20,722	.....	.....	.....	.....	.....	.....	.....
1944 monthly average ..	5,162	5,079	1,617	24.17	23.50	24.000	.....	153,616	28,167	.....	.....	.....	.....	.....	.....	.....
1945 monthly average ..	4,514	4,432	1,336	25.19	24.51	25.029	161,873	123,746	25,986	.....	.....	.....	.....	.....	.....	.....
1946 monthly average ..	3,782	3,756	¹⁰ 897	27.84	27.17	27.740	119,337	86,947	23,844	657,105	534,043	123,062	97,003	66,103	30,901	.....
1947																
January.....	5,087	5,037	674	30.86	30.00	30.500	139,029	101,140	28,699	723,158	591,558	131,600	116,074	79,061	37,013	.....
February.....	4,550	4,467	735	30.86	30.00	30.500	125,612	92,822	28,212	713,909	581,337	132,572	111,004	78,560	32,444	.....
March.....	5,123	5,015	777	33.54	33.00	33.500	134,909	99,701	27,125	717,428	586,992	130,436	115,456	83,743	31,713	.....
April.....	4,830	4,804	741	33.81	33.00	33.500	144,175	106,127	29,185	698,615	570,130	128,485	121,475	90,076	31,399	.....
May.....	5,081	4,982	748	33.81	33.00	33.500	140,874	103,779	28,850	662,579	544,058	118,521	115,743	85,729	30,014	.....
June.....	4,810	4,842	769	33.81	33.00	33.500	139,031	103,888	31,879	638,535	522,096	116,439	112,048	82,100	29,948	.....
July.....	4,585	4,507	887	35.10	34.20	34.700	116,956	85,014	21,280	630,925	529,817	101,108	92,352	70,316	22,036	.....
August.....	4,917	4,850	831	37.21	36.00	36.500	120,405	88,719	22,584	626,227	526,392	99,835	98,009	69,639	28,370	.....
September.....	4,801	4,745	828	37.21	36.00	36.500	137,457	102,913	32,967	617,247	518,261	98,986	108,804	79,219	29,585	.....
October.....	5,228	5,254	769	37.28	36.00	36.500	148,358	111,288	30,452	593,838	494,933	98,905	123,830	91,228	32,602	.....
November.....	5,015	4,912	759	37.32	36.00	36.500	130,125	97,143	25,835	585,818	492,808	93,010	103,740	76,839	26,901	.....
December.....	5,177	5,057	838	37.52	36.20	36.500	148,124	110,970	34,919	593,660	495,947	97,713	116,798	86,911	29,887	.....
Monthly average....	4,934	4,858	780	34.86	33.94	34.423	135,421	100,292	28,499	650,162	537,861	112,301	¹¹ 111,144	¹¹ 81,007	¹¹ 30,137	.....
1948																
January.....	5,128	5,167	794	40.28	38.88	39.500	141,068	108,282	35,129	618,155	517,307	100,848	118,534	89,677	28,857	.....
February.....	4,780	4,762	799	40.63	39.00	39.500	142,434	107,762	34,800	630,860	523,319	107,541	116,676	86,592	30,084	.....
March.....	5,020	5,049	780	40.63	39.00	39.500	162,891	125,550	41,876	641,110	525,543	115,567	131,111	95,008	36,103	.....
April.....	3,840	3,958	688	40.63	39.00	39.500	150,305	114,896	36,079	628,123	513,980	114,143	114,314	79,651	34,663	.....
May.....	5,077	5,008	712	40.97	39.00	39.500	143,337	111,616	39,275	623,620	509,576	114,044	108,546	75,983	32,563	.....
June.....	4,991	4,973	745	41.29	39.00	41.900	152,894	117,794	41,587	638,989	539,690	99,299	119,165	85,550	33,615	.....
July.....	4,900	4,841	818	¹² 43.26	¹² 42.00	¹² 42.500	120,445	87,927	28,422	625,334	526,305	99,029	97,281	71,696	25,585	.....
August.....	5,255	5,216	913	45.32	43.00	45.700	140,223	107,538	35,066	631,887	530,961	100,926	110,679	81,017	29,662	.....
September.....	5,208	5,180	976	45.44	43.00	46.500	149,222	112,551	36,457	629,660	526,509	103,151	120,500	88,727	31,773	.....
October.....	5,520	5,491	1,049	47.00	45.63	46.500	152,983	114,819	38,833	603,953	500,201	103,752	122,873	89,911	32,982	.....
November.....	5,399	5,344	1,043	47.59	46.00	46.500	146,835	110,275	36,014	619,390	514,960	104,430	123,657	89,281	34,756	.....
December.....	5,595	5,420	1,212	47.59	46.00	46.500	157,395	116,285	38,730	599,543	499,178	100,365	131,353	95,619	35,734	.....
Monthly average....	5,071	5,002	877	43.38	¹³ 44.27	¹³ 45.700	146,669	111,275	36,855	624,219	518,961	105,258	117,891	85,726	32,196	.....
1949																
January.....	5,732	5,610	1,262	47.65	46.00	46.500	141,438	103,503	31,891	569,727	474,634	95,093	124,383	91,276	33,107	.....
February.....	5,223	5,135	1,295	47.67	46.00	46.500	135,689	99,425	32,545	538,798	445,248	93,550	111,024	80,912	30,112	.....
March.....	5,820	5,771	1,350	47.67	46.00	46.500	140,293	102,027	30,313	503,243	415,591	87,652	119,839	87,156	32,683	.....
April.....	5,531	5,406	1,525	47.55	46.00	46.500	120,870	83,277	23,834	463,883	385,015	78,868	104,108	77,289	26,819	.....
May.....	5,517	5,290	1,775	46.62	46.00	46.500	106,949	75,537	22,165	411,601	338,912	72,689	91,775	67,580	24,195	.....
June.....	4,819	4,573	1,942	46.62	46.00	46.500	116,633	84,112	26,940	376,761	310,182	66,579	100,756	77,877	22,879	.....
July.....	4,173	4,054	2,013	46.62	46.00	46.500	78,474	50,124	14,625	348,239	293,206	55,033	70,129	55,072	15,057	.....
August.....	4,477	4,604	1,847	46.62	46.00	46.500	89,849	59,412	13,348	311,923	257,259	54,664	97,472	73,630	23,842	.....
September.....	4,350	4,495	2,230	46.68	46.00	46.500	87,117	55,853	11,823	294,240	250,239	44,001	88,417	71,781	16,636	.....
October.....	612	753	1,616	46.68	46.00	46.500	71,295	48,263	8,964	280,291	231,849	48,442	81,278	65,651	15,627	.....
November.....	2,722	2,773	1,446	46.68	46.00	46.500	76,820	50,685	7,270	286,897	240,715	46,182	72,859	56,455	16,404	.....
December.....	5,231	5,215	1,499	46.68	46.00	46.500	85,033	53,079	9,258	307,656	263,816	43,840	78,266	61,765	16,501	.....
Monthly average....	4,517	4,454	1,650	46.98	46.00	46.500	104,205	72,108	19,415	391,105	325,556	65,549	¹² 95,026	72,204	¹² 22,822	.....
1950																
January.....	5,294	5,285	1,441	46.68	46.00	46.500	89,136	57,996	9,298	327,035	280,023	47,012	92,994	73,458	19,536	.....
February.....	4,173	4,357	1,299	47.18	46.00	46.500	92,240	62,045	10,920	340,955	294,251	46,704	92,547	73,440	19,107	.....
March.....	4,601	4,779	1,138	47.28	46.00	46.500	112,335	77,588	15,281	350,358	287,874	62,484	108,677	87,745	20,932	.....
April.....	5,577	5,548	1,144	47.28	46.00	46.500	107,129	75,133	17,406	357,238	297,032	60,206	99,193	80,950	18,243	.....
May.....	5,855	5,827	1,168	47.28	46.00	46.500	117,773	83,845	20,552	372,804	311,811	60,993	113,657	93,459	20,198	.....
June.....	5,633	5,637	1,197	47.28	46.00	46.500	131,097	94,637	27,065	408,345	342,535	65,810	117,333	96,061	21,272	.....
July.....	5,879	5,620	1,366	47.28	46.00	47.250	98,269	68,874	15,734	445,567	391,820	53,747	94,929	79,081	15,848	.....
August.....	5,770	5,752														

METALS AND MANUFACTURES—IRON AND STEEL—Continued

YEAR AND MONTH	STEEL, CRUDE AND SEMIMANUFACTURES						STEEL, MANUFACTURED PRODUCTS							
	Steel ingots and steel for castings ¹		Prices, wholesale				Barrels and drums, heavy types ⁴			Cans, metal, shipments (in terms of steel consumed) ⁵				
	Production	Per cent of capacity	Compos-ite, fin-ished steel ²	Steel billets, rerolling (produc-ing point) ³	Struc-tural steel (Pitts-burgh) ³	Steel scrap, heavy melting (Pitts-burgh) ³	Orders, unfilled, end of month	Ship-ments	Stocks, end of month	For sale and own use			For sale	
										Total	Food	Nonfood		
			Thous. of short tons	Dollars per pound	Dollars per long ton	Dollars per pound	Dollars per long ton	Thousands			Short tons			
1935 monthly average ..	3,182	48.7	0.0244	27.26	0.0180	12.95	912	573	35	.....	.....	.....	.....	
1936 monthly average ..	4,458	68.5	.0241	29.75	.0186	15.93	469	717	32	.....	.....	.....	.....	
1937 monthly average ..	4,720	72.3	.0284	36.48	.0222	18.90	668	822	29	.....	.....	.....	.....	
1938 monthly average ..	2,646	39.6	.0278	35.44	.0217	13.97	428	713	33	.....	.....	.....	.....	
1939 monthly average ..	4,400	64.5	.0264	34.00	.0210	17.21	508	1,013	39	.....	.....	.....	.....	
1940 monthly average ..	5,582	82.1	.0265	34.00	.0210	19.30	395	1,130	45	182,641	139,713	42,928	.....	
1941 monthly average ..	6,903	97.3	.0265	34.00	.0210	20.31	1,121	1,528	42	237,057	178,478	58,579	.....	
1942 monthly average ..	7,169	96.8	.0265	34.00	.0210	20.00	1,789	1,770	43	170,258	157,494	12,764	.....	
1943 monthly average ..	7,403	98.1	.0265	34.00	.0210	20.00	8,715	2,268	63	140,372	129,709	10,663	.....	
1944 monthly average ..	7,470	95.5	.0265	34.00	.0210	19.41	4,936	1,661	48	172,633	152,253	20,380	.....	
1945 monthly average ..	6,642	83.5	.0273	35.19	.0210	20.00	6,272	1,854	46	203,465	169,190	34,275	157,540	
1946 monthly average ..	5,550	72.5	.0300	38.60	.0232	20.82	9,899	1,894	27	229,960	192,113	37,847	195,723	
1947														
January.....	7,223	93.2	.0329	42.00	.0250	32.50	15,501	2,316	27	174,898	129,874	45,024	138,211	
February.....	6,430	91.9	.0329	42.00	.0250	33.75	15,867	2,066	25	157,764	111,144	46,620	123,767	
March.....	7,317	94.4	.0329	42.00	.0250	36.80	14,976	2,292	25	179,912	125,395	54,517	142,649	
April.....	7,052	93.9	.0329	42.00	.0250	35.81	14,542	2,459	25	204,666	139,181	65,485	160,095	
May.....	7,339	94.7	.0329	42.00	.0250	30.00	14,370	2,312	21	207,218	145,697	61,521	165,095	
June.....	6,978	92.9	.0329	42.00	.0250	32.44	13,612	2,253	23	232,618	168,070	64,548	193,281	
July.....	6,579	85.1	.0329	42.60	.0256	36.13	13,255	2,185	26	309,629	235,476	74,153	275,541	
August.....	6,991	90.2	.0360	45.00	.0280	39.90	12,390	2,212	22	387,784	314,628	73,156	344,236	
September.....	6,797	90.8	.0360	45.00	.0280	38.00	11,294	2,201	31	354,681	277,968	76,713	310,937	
October.....	7,570	97.7	.0360	45.00	.0280	39.88	10,946	2,305	29	279,448	193,638	85,810	240,670	
November.....	7,242	96.5	.0360	45.00	.0280	40.00	10,450	2,075	18	213,904	136,427	77,477	182,342	
December.....	7,376	95.4	.0360	45.00	.0280	40.00	12,461	2,385	21	253,594	169,103	84,491	222,797	
Monthly average.....	7,075	93.0	.0342	43.33	.0263	36.30	13,305	2,255	24	246,343	178,883	67,460	208,302	
1948														
January.....	7,481	93.7	.0369	40.18	.0280	40.30	12,191	2,239	18	216,442	134,582	81,860	182,356	
February.....	6,948	93.1	.0374	42.59	.0293	40.44	11,889	2,098	20	202,460	125,705	76,755	170,825	
March.....	7,619	95.4	.0376	45.00	.0305	40.25	11,528	2,516	34	207,589	134,311	73,278	170,289	
April.....	6,224	80.5	.0376	45.00	.0305	40.25	11,471	2,290	24	208,500	143,096	65,404	165,749	
May.....	7,581	94.9	.0369	45.00	.0300	40.25	10,810	2,019	22	219,272	158,116	61,156	175,915	
June.....	7,265	94.0	.0369	45.00	.0300	40.25	10,966	2,249	20	203,941	127,129	76,812	259,309	
July.....	7,076	88.8	.0387	52.36	.0313	40.75	10,751	2,084	26	308,918	234,441	74,477	272,994	
August.....	7,447	93.3	.0415	58.24	.0350	42.75	10,204	2,306	35	394,499	309,764	84,735	350,404	
September.....	7,425	96.2	.0415	58.24	.0350	42.75	9,606	2,165	25	405,727	320,556	85,171	351,567	
October.....	7,997	100.1	.0415	58.24	.0350	42.75	9,485	2,336	21	296,152	209,433	86,719	258,316	
November.....	7,798	100.8	.0415	58.24	.0350	42.75	9,321	2,307	30	235,506	153,809	81,697	202,508	
December.....	7,781	97.7	.0415	58.24	.0350	42.75	9,925	2,461	27	266,139	186,544	79,595	230,872	
Monthly average.....	7,387	94.1	.0391	57.26	.0344	41.33	10,679	2,256	25	270,429	193,124	77,305	230,925	
1949														
January.....	8,197	100.4	.0420	58.24	.0350	42.05	8,969	2,065	33	186,272	119,810	66,462	157,631	
February.....	7,494	101.6	.0420	58.24	.0350	39.50	7,582	1,801	31	190,755	126,377	64,378	163,389	
March.....	8,402	102.9	.0420	58.24	.0350	37.25	7,693	1,917	34	208,188	131,004	77,184	172,320	
April.....	7,796	98.6	.0420	58.24	.0350	26.60	6,693	1,745	22	204,353	126,898	77,455	169,194	
May.....	7,599	93.0	.0420	58.24	.0350	23.25	6,200	1,921	32	230,167	147,808	82,359	189,024	
June.....	6,505	82.2	.0420	58.24	.0350	23.00	5,197	2,087	29	303,921	208,633	95,288	259,026	
July.....	5,785	71.0	.0420	58.24	.0350	21.00	5,815	1,833	30	314,372	219,067	95,305	282,977	
August.....	6,723	82.3	.0420	58.24	.0350	21.00	5,645	1,990	33	489,794	383,603	106,191	444,976	
September.....	6,598	83.6	.0420	58.24	.0350	27.75	5,401	2,419	28	416,974	312,538	104,436	371,691	
October.....	928	11.4	.0420	58.24	.0350	29.38	5,361	1,694	31	285,644	188,092	97,552	252,522	
November.....	4,223	53.4	.0420	58.24	.0350	31.38	5,298	1,682	26	227,359	150,987	76,372	198,034	
December.....	7,728	94.8	.0427	58.80	.0363	31.00	4,592	1,956	49	219,119	146,653	72,466	184,918	
Monthly average.....	6,498	81.1	.0421	58.28	.0351	32.07	6,204	1,926	31	273,077	188,456	84,621	237,142	
1950														
January.....	7,930	93.9	.0438	59.36	.0375	30.00	4,863	1,635	61	209,187	136,899	72,288	176,582	
February.....	6,793	89.1	.0438	59.36	.0375	31.63	4,937	1,758	42	198,279	121,128	77,151	163,010	
March.....	7,487	88.7	.0438	59.36	.0375	31.60	4,745	2,095	31	236,413	138,019	98,394	192,993	
April.....	8,213	100.4	.0438	59.36	.0375	32.88	4,659	1,721	28	224,203	130,753	93,450	187,986	
May.....	8,552	101.3	.0438	59.36	.0375	37.00	4,410	1,967	35	282,923	164,147	118,776	241,985	
June.....	8,132	99.4	.0438	59.36	.0375	43.90	4,856	2,089	36	356,117	228,767	127,350	312,661	
July.....	8,071	94.7	.0438	59.36	.0375	40.50	5,795	2,128	44	396,681	264,343	132,338	364,554	
August.....	8,230	96.3	.0438	59.36	.0375	43.60	7,138	2,704	49	551,451	395,266	156,185	498,369	
September.....	8,193	99.3	.0438	59.36	.0375	44.00	7,182	2,435	36	431,161	310,916	120,245	382,891	
October.....	8,740	102.3	.0438	59.36	.0375	44.00	7,532	2,517	32	349,858	230,772	119,086	313,218	
November.....	8,012	96.8	.0438	59.36	.0375	44.00	8,049	2,588	32	301,350	192,709	108,641	265,628	
December.....	8,343	97.9	.0461	62.72	.0400	46.50	9,024	2,604	25	352,487	235,523	116,964	320,501	
Monthly average.....	8,058	96.7	.0440	59.62	.0377	39.26	6,099	2,187	38	324,176	212,437	111,739	285,027	

For footnotes giving source of data and description of series, see pp. 269, 270.

METALS AND MANUFACTURES—IRON AND STEEL—Continued

YEAR AND MONTH	STEEL, MANUFACTURED PRODUCTS														
	Commer- cial clo- sures, pro- duc-tion ¹	Crowns, produc-tion ¹	Steel products, net shipments ²												
			Total	Hot rolled bars		Semi-manu- fac-tures	Pipe and tubes	Plates	Rails	Sheets	Strip		Struc- tural shapes, heavy	Tin plate and terne- plate	Wire and wire prod- ucts
				Carbon and alloy	Rein- forc- ing						Cold rolled	Hot rolled			
Millions	Thousand gross	Thousands of short tons													
1935 monthly average ..			2,064	274	47	50	170	131	66	506	50	155	124	155	195
1936 monthly average ..			2,911	379	88	100	279	215	112	646	66	174	208	197	246
1937 monthly average ..			3,195	381	74	151	328	281	132	695	68	168	232	230	239
1938 monthly average ..			1,780	181	70	63	201	135	57	412	36	77	129	135	172
1939 monthly average ..			2,913	333	101	109	292	233	107	709	56	97	212	213	263
1940 monthly average ..			3,830	452	120	378	330	348	137	849	66	112	262	224	312
1941 monthly average ..			5,079	617	158	404	473	499	159	1,054	110	147	382	297	418
1942 monthly average ..			5,049	636	154	470	423	953	173	709	79	107	411	221	358
1943 monthly average ..	³ 658	³ 18,086	5,184	735	42	506	489	1,077	176	711	96	113	323	175	366
1944 monthly average ..	³ 693	³ 20,181	5,273	683	54	496	511	1,020	207	793	99	120	320	217	362
1945 monthly average ..	³ 1,004	³ 21,212	4,717	611	70	394	489	542	200	909	106	114	295	242	341
1946 monthly average ..	1,255	23,815	4,065	533	99	162	388	346	161	958	107	114	290	236	328
1947															
January.....	1,327	27,603	5,063	678	104	200	467	468	227	1,202	126	146	362	248	420
February.....	1,074	24,136	4,626	605	106	216	428	445	191	1,093	116	136	334	229	364
March.....	1,093	26,265	5,304	720	114	217	502	527	181	1,275	132	144	390	293	396
April.....	988	27,219	5,446	699	128	231	518	555	206	1,274	141	151	392	318	425
May.....	908	25,058	5,442	720	113	228	535	579	204	1,274	142	150	382	305	425
June.....	756	24,261	5,264	658	123	235	527	563	205	1,225	138	141	364	308	407
July.....	691	27,377	4,975	621	119	312	480	464	199	1,181	116	131	357	324	335
August.....	799	27,229	5,278	668	132	309	517	540	190	1,199	136	135	371	336	393
September.....	867	30,019	5,119	621	124	280	497	495	182	1,224	136	142	360	304	410
October.....	963	32,869	5,682	700	133	281	550	589	214	1,343	151	157	399	349	454
November.....	750	30,872	5,217	631	123	274	534	513	209	1,264	126	137	353	328	400
December.....	829	28,430	5,613	664	128	322	558	591	211	1,352	134	149	380	370	405
Monthly average.....	920	27,612	5,255	665	121	247	510	529	202	1,251	134	145	370	309	403
1948															
January.....	797	29,459	5,410	679	116	296	541	530	201	1,384	146	146	334	267	429
February.....	847	28,002	5,046	664	117	286	519	538	172	1,198	127	136	324	247	396
March.....	993	32,454	5,979	733	138	324	613	630	206	1,410	158	141	382	393	449
April.....	980	29,356	5,096	634	123	211	518	528	145	1,310	148	132	302	310	395
May.....	895	28,232	5,321	637	136	255	547	563	179	1,314	142	127	362	322	409
June.....	915	29,400	5,477	679	127	236	565	592	189	1,302	152	139	372	334	429
July.....	847	26,095	5,230	617	133	281	544	565	167	1,333	121	129	354	337	327
August.....	938	29,503	5,329	636	120	239	563	553	178	1,328	156	130	336	343	389
September.....	893	27,463	5,511	689	129	275	583	572	184	1,360	150	141	334	334	408
October.....	883	27,613	5,952	713	143	286	638	641	190	1,463	161	154	392	350	436
November.....	859	23,983	5,732	698	119	285	614	629	190	1,418	165	146	368	315	417
December.....	932	21,889	6,056	745	136	294	637	658	190	1,476	155	143	394	400	430
Monthly average.....	898	27,787	5,498	677	128	263	573	583	183	1,358	149	139	355	329	409
1949															
January.....	943	23,824	5,762	708	139	289	611	608	181	1,462	164	155	356	299	428
February.....	833	22,316	5,520	655	133	308	584	590	179	1,365	150	146	359	300	404
March.....	910	25,546	6,306	757	150	308	721	684	207	1,562	170	169	394	333	451
April.....	768	23,408	5,597	677	141	223	635	619	199	1,437	144	155	375	295	365
May.....	737	23,422	5,235	597	134	202	618	590	193	1,330	132	142	378	292	338
June.....	779	27,559	5,177	564	141	139	623	517	211	1,355	121	150	327	387	347
July.....	746	26,984	4,535	432	125	125	550	464	182	1,290	76	125	290	418	241
August.....	920	29,709	4,918	465	156	136	648	481	196	1,377	106	153	300	322	334
September.....	910	25,511	5,236	524	162	125	655	467	162	1,497	122	179	309	394	386
October.....	874	19,936	935	89	31	18	121	51	1	316	64	38	8	81	71
November.....	811	19,554	3,297	325	125	104	400	290	31	990	78	90	215	246	268
December.....	831	16,767	5,411	606	138	220	653	519	141	1,506	137	164	341	326	419
Monthly average.....	838	23,711	4,842	535	131	188	578	480	157	1,294	122	140	306	308	338
1950															
January.....	951	21,365	5,483	620	122	228	671	456	151	1,572	141	176	325	348	424
February.....	908	22,066	5,135	602	101	220	633	346	125	1,502	141	167	309	329	408
March.....	1,061	26,281	5,723	652	116	230	658	441	125	1,719	151	182	331	363	464
April.....	956	25,353	5,780	646	122	225	743	438	164	1,686	146	179	333	366	429
May.....	1,088	30,531	6,253	702	138	241	803	467	189	1,768	154	200	364	432	456
June.....	1,105	33,036	6,192	693	138	229	807	447	186	1,735	157	187	361	438	471
July.....	1,124	33,836	5,669	594	156	250	703	393	152	1,728	115	177	347	420	354
August.....	1,527	36,613	6,326	674	169	282	801	454	158	1,756	170	214	343	467	495
September.....	1,451	30,291	6,145	689	151	269	770	482	154	1,697	159	210	355	424	433
October.....	1,520	28,758	6,504	753	159	307	740	542	147	1,839	172	228	374	388	495
November.....	1,330	29,260	6,051	671	152	280	648	540	131	1,673	170	196	389	376	484
December.....	1,277	26,807	6,433	732	152	336	717	551	140	1,843	178	207	365	401	452
Monthly average.....	1,191	28,683	6,019	668	140	260	746	473	152	1,718	158	194	350	396	447

For footnotes giving source of data and description of series, see p. 270.

METALS AND MANUFACTURES—NONFERROUS METALS AND PRODUCTS

YEAR AND MONTH	ALUMINUM			ALUMINUM FABRICATED PRODUCTS, SHIPMENTS ⁴				BRASS ⁵	COPPER				
	Production, primary ¹	Bauxite, imports ²	Price, whole-sale, scrap castings (N.Y.) ³	Total	Castings	Wrought products		Sheets, price, whole-sale, mill	Production			Deliveries, re-refined, domestic ⁷	Stocks, refined, end of month ⁸
						Total	Plate, sheet, and strip		Mine production of recoverable copper ⁶	Crude (mine or smelter and custom intake) ⁷	Re-refined ⁷		
Short tons	Long tons	Dollars per lb.	Millions of pounds				Dollars per lb.	Short tons					
1935 monthly average ..	4,971	16,663	0.1216	.....	.....	.....	.....	0.142	31,708	42,174	41,388	44,016	269,447
1936 monthly average ..	9,372	26,899	.1226	.....	.....	.....	.....	.153	51,210	60,969	62,388	63,713	209,706
1937 monthly average ..	12,195	42,285	.1195	.....	.....	.....	.....	.193	70,167	81,837	80,348	66,925	147,609
1938 monthly average ..	11,953	37,974	.0758	.....	.....	.....	.....	.167	46,480	53,739	53,173	40,150	318,949
1939 monthly average ..	13,629	43,348	.0747	.....	.....	.....	.....	.176	60,693	69,673	68,191	67,867	(8)
1940 monthly average ..	17,190	52,463	.0895	.....	.....	.....	.....	.187	73,174	82,691	86,143	83,491	171,158
1941 monthly average ..	25,756	93,046	.1076	.....	.....	.....	.....	.195	79,846	84,750	88,806	128,795	84,967
1942 monthly average ..	43,426	73,685	.0862	.....	27.0	.....	45.0	.195	90,005	96,029	94,642	136,270	69,801
1943 monthly average ..	76,682	128,988	.0699	.....	38.3	.....	70.1	.195	90,902	99,558	100,573	136,973	54,907
1944 monthly average ..	64,704	46,705	.0404	.....	42.9	.....	74.8	.195	81,046	88,015	91,566	136,358	46,843
1945 monthly average ..	41,255	61,632	.0374	1063.2	32.9	1044.3	61.6	.195	64,408	70,139	70,259	126,487	67,396
1946 monthly average ..	34,136	71,000	.0524	127.5	32.4	95.1	72.2	.228	50,728	54,272	50,339	105,077	82,925
1947													
January.....	50,045	108,795	.0775	167.4	40.7	126.7	96.5	.275	70,056	78,313	96,729	151,948	96,515
February.....	47,002	166,616	.0755	161.9	37.8	124.2	96.7	.275	68,416	74,560	97,598	122,157	88,368
March.....	53,032	157,337	.0725	158.9	42.3	116.6	91.1	.289	74,651	84,445	95,964	123,382	83,736
April.....	51,007	129,133	.0719	152.6	41.7	111.0	83.4	.289	72,418	89,093	104,596	117,557	86,496
May.....	51,116	189,615	.0667	144.3	37.4	106.9	81.7	.293	75,164	91,275	108,536	118,120	84,560
June.....	46,259	173,706	.0444	125.1	33.0	92.1	70.5	.300	70,150	82,334	103,474	116,678	82,542
July.....	47,998	181,999	.0440	121.7	30.2	91.5	72.1	.296	73,310	79,152	94,610	109,822	77,773
August.....	47,054	164,098	.0600	132.2	30.4	101.8	82.5	.296	72,005	83,304	88,122	96,374	77,212
September.....	43,228	163,480	.0617	155.2	35.9	119.3	98.1	.296	70,770	83,922	92,146	95,640	80,113
October.....	43,959	118,658	.0625	187.4	40.5	146.9	120.4	.296	66,145	76,815	108,277	112,310	74,507
November.....	43,461	134,148	.0625	167.8	34.7	133.2	108.0	.296	63,278	72,534	97,525	106,232	66,622
December.....	47,589	133,995	.0670	175.6	37.5	138.1	110.3	.296	71,200	80,954	108,816	113,446	76,035
Monthly average.....	47,646	151,798	.0639	154.2	36.8	117.3	92.6	.292	70,630	81,392	99,699	115,306	81,207
1948													
January.....	48,767	217,602	.0711	177.5	37.9	139.6	109.7	.296	73,643	82,427	102,314	118,855	71,533
February.....	45,699	153,706	.0725	173.9	38.0	136.0	105.7	.302	69,419	82,959	93,588	106,823	70,146
March.....	51,874	217,907	.0725	200.9	41.8	159.1	126.7	.302	74,578	83,909	110,886	122,988	68,582
April.....	53,277	166,961	.0741	177.2	38.3	139.0	106.7	.302	74,827	88,741	104,044	116,475	67,257
May.....	55,450	244,852	.0815	167.2	33.9	133.3	101.9	.302	75,264	91,819	104,524	113,389	72,791
June.....	48,557	192,524	.0884	177.6	35.8	141.8	106.9	.304	76,076	87,678	105,221	112,677	72,315
July.....	52,937	157,183	.1087	160.0	28.9	131.0	99.4	.314	71,824	81,473	107,014	108,277	79,277
August.....	54,953	260,796	.1084	167.3	32.1	135.2	103.2	.338	74,042	89,165	102,798	107,496	79,579
September.....	53,255	200,113	.0996	166.9	35.9	131.0	104.6	.338	70,298	88,105	102,976	122,938	72,215
October.....	54,526	231,097	.0995	174.2	35.5	138.6	109.7	.338	69,141	81,474	101,436	112,580	76,371
November.....	50,714	227,583	.1241	164.3	34.6	129.8	99.2	.341	52,239	58,297	102,779	99,655	89,756
December.....	53,447	218,591	.1325	157.7	31.8	125.9	94.5	.346	53,462	64,451	96,117	102,292	96,080
Monthly average.....	51,955	207,410	.0944	172.1	35.4	136.7	105.7	.319	69,568	81,708	102,808	112,037	76,325
1949													
January.....	53,356	171,918	.1263	148.4	29.1	119.3	90.2	.346	50,002	69,438	78,298	94,070	91,053
February.....	49,749	175,704	.1022	137.3	27.2	110.0	80.7	.346	56,410	76,941	80,275	97,861	83,841
March.....	54,852	254,512	.0847	152.9	27.5	125.4	92.4	.345	77,912	97,123	88,165	113,154	68,450
April.....	54,076	180,765	.0702	129.5	23.8	105.7	73.1	.331	72,843	91,589	93,873	76,134	76,494
May.....	56,909	182,760	.0630	110.4	21.4	89.0	56.9	.295	67,412	81,258	98,139	32,566	128,441
June.....	54,184	262,247	.0605	103.9	23.2	80.7	48.1	.276	61,254	72,051	92,118	45,653	166,925
July.....	55,777	182,171	.0575	90.3	18.6	71.7	42.8	.277	56,615	62,449	85,638	45,316	212,817
August.....	52,001	276,727	.0651	104.2	24.0	80.2	49.3	.282	55,898	62,279	85,577	90,739	217,167
September.....	49,742	245,978	.0725	123.5	27.5	96.0	65.3	.282	58,111	64,870	79,949	103,115	193,890
October.....	45,790	252,431	.0737	135.3	29.0	106.2	75.9	.282	60,515	69,052	86,882	108,192	164,464
November.....	35,865	243,748	.0775	107.0	26.3	80.7	54.1	.286	66,044	80,598	92,602	117,133	139,199
December.....	41,161	259,203	.0775	119.8	26.7	93.1	61.2	.287	69,734	80,390	94,947	107,662	116,027
Monthly average.....	50,289	224,014	.0776	121.9	25.4	96.5	65.8	.303	62,729	75,670	88,039	85,966	138,231
1950													
January.....	52,023	232,796	.0775	129.5	28.8	100.7	68.5	.287	70,915	85,650	95,229	111,668	101,070
February.....	50,443	142,324	.0775	140.2	28.9	111.3	77.0	.287	66,841	80,756	94,036	112,773	77,472
March.....	58,747	253,181	.0746	184.9	35.8	149.0	107.4	.287	75,698	90,358	113,464	123,054	60,276
April.....	58,024	248,354	.0725	162.7	33.4	129.4	89.4	.292	73,303	83,782	103,293	101,729	57,028
May.....	61,929	225,388	.0757	163.6	36.0	127.5	85.7	.312	74,467	83,286	112,411	113,837	51,043
June.....	60,400	167,154	.0864	175.1	37.6	137.5	92.7	.336	74,828	96,754	113,961	125,016	50,350
July.....	63,518	182,954	.0882	163.8	30.2	133.6	90.3	.342	72,582	85,378	96,758	96,006	48,290
August.....	63,006	207,852	.0985	208.9	39.9	169.1	113.0	.342	80,222	93,138	108,465	112,107	50,952
September.....	59,449	213,408	.1107	207.4	42.1	165.3	110.2	.363	76,666	86,678	111,842	119,529	58,748
October.....	62,915	149,449	.1388	210.1	47.3	162.8	106.8	.369	77,800	90,542	110,435	121,806	56,945
November.....	62,276	203,639	.1541	197.2	46.8	150.4	99.7	.378	81,957	90,148	101,410	111,985	51,805
December.....	65,897	250,187	.1575	199.0	46.0	153.0	101.6	.378	81,712	91,218	109,464	121,954	49,040
Monthly average.....	59,886	206,391	.1010	178.5	37.7	140.8	95.2	.331	75,583	88,141	105,897	114,289	59,418

For footnotes giving source of data and description of series, see pp. 270, 271.

METALS AND MANUFACTURES—NONFERROUS METALS AND PRODUCTS—Continued

YEAR AND MONTH	COPPER					LEAD						
	Exports, refined and manu- fac- tures ¹	Imports ²			Price, whole- sale, electro- lytic (N.Y.) ³	Ore (lead content)		Refined ⁵				Imports, total, except manu- fac- tures (lead content) ⁶
		Total	Unre- fined, includ- ing scrap	Refined		Mine produc- tion ⁴	Receipts by smelters, domestic ore ⁴	Pro- duc- tion	Ship- ments, domestic	Stocks, end of month	Price, whole- sale, de- silver- ized (N.Y.)	
	Short tons			Dollars per lb.	Short tons				Dollars per lb.	Short tons		
1935 monthly average ..	24,600	20,044	18,928	1,116	0.0865	27,592	27,404	.....	.....	.....	0.0407	1,361
1936 monthly average ..	21,586	15,316	14,301	1,015	.0947	31,077	30,776	.....	.....	.....	.0471	1,349
1937 monthly average ..	28,852	18,957	17,749	1,208	.1317	36,741	39,067	.....	.....	.....	.0601	1,358
1938 monthly average ..	35,084	17,143	16,360	783	.1000	30,811	30,649	.....	.....	.....	.0474	3,074
1939 monthly average ..	35,626	19,222	19,008	215	.1097	34,498	34,272	.....	.....	.....	.0505	7,978
1940 monthly average ..	35,638	30,416	27,702	2,715	.1130	38,116	37,600	.....	.....	.....	.0518	10,901
1941 monthly average ..	13,241	60,061	30,566	29,495	.1180	38,452	38,349	.....	.....	.....	.0579	36,610
1942 monthly average ..	17,547	65,197	31,628	33,569	.1178	41,353	40,973	.....	.....	.....	.0648	43,892
1943 monthly average ..	24,538	61,375	27,805	33,569	.1178	37,776	38,083	.....	.....	.....	.0650	27,948
1944 monthly average ..	19,793	63,685	22,653	41,033	.1178	34,738	34,202	.....	.....	.....	.0650	28,273
1945 monthly average ..	11,046	74,693	30,665	44,029	.1178	32,569	32,311	.....	.....	.....	.0650	27,639
1946 monthly average ..	8,123	29,541	16,827	12,714	.1382	27,956	27,731	33,057	32,825	747,587	.0811	11,410
1947												
January.....	14,921	25,696	21,490	4,206	.1927	31,545	30,907	42,506	42,474	47,616	.1293	21,255
February.....	11,068	26,114	16,589	9,525	.1935	30,251	32,157	41,210	46,688	42,130	.1318	12,902
March.....	13,467	26,291	19,102	7,189	.2091	32,735	36,328	46,699	48,182	40,630	.1496	18,902
April.....	11,721	23,203	17,743	5,460	.2123	33,302	37,581	48,995	46,906	42,708	.1500	18,585
May.....	14,021	40,138	29,038	11,099	.2211	33,361	34,269	49,984	46,715	45,975	.1500	18,051
June.....	17,254	52,526	37,831	14,695	.2135	32,826	33,688	41,505	51,160	36,313	.1500	23,058
July.....	14,569	37,524	22,315	15,209	.2123	29,942	31,877	42,536	49,065	29,215	.1500	13,030
August.....	21,606	44,185	27,171	17,014	.2123	31,281	32,271	43,725	43,899	29,036	.1500	21,090
September.....	18,337	41,596	29,958	11,638	.2123	31,124	32,081	43,545	40,484	32,090	.1500	14,261
October.....	19,295	44,045	23,801	20,244	.2121	33,682	33,780	46,919	51,871	27,122	.1500	14,132
November.....	22,497	36,902	26,558	10,344	.2120	31,550	31,600	47,903	50,837	24,180	.1500	27,416
December.....	18,299	54,513	30,863	23,650	.2120	32,622	34,797	45,538	48,385	21,328	.1500	23,795
Monthly average.....	16,421	37,728	25,205	12,523	.2096	32,018	33,445	45,089	47,222	34,862	.1467	18,831
1948												
January.....	18,013	30,435	13,041	17,394	.2120	33,246	32,019	47,421	48,602	20,142	.1500	15,784
February.....	18,297	46,638	25,171	21,467	.2120	32,517	32,414	40,400	44,308	16,225	.1500	26,718
March.....	15,043	46,981	26,008	20,973	.2120	35,999	34,185	46,579	48,530	14,271	.1500	20,600
April.....	23,272	37,727	18,763	18,964	.2120	35,200	35,362	46,577	42,039	18,804	.1721	21,646
May.....	19,861	33,271	15,673	17,598	.2120	33,370	37,625	47,144	44,552	21,387	.1750	18,627
June.....	21,079	46,840	28,914	17,926	.2120	34,543	34,689	44,846	43,911	22,315	.1750	13,160
July.....	15,069	46,684	21,661	25,023	.2138	23,422	24,597	38,371	37,409	22,278	.1781	30,237
August.....	20,623	39,736	17,922	21,814	.2309	23,685	23,141	27,923	31,399	18,802	.1950	24,975
September.....	12,085	35,423	14,054	21,369	.2320	27,279	24,849	34,037	32,376	20,457	.1950	33,346
October.....	18,316	36,947	14,906	21,970	.2320	35,687	35,392	43,857	36,423	27,029	.1950	40,666
November.....	11,636	35,491	18,210	17,281	.2320	36,986	35,337	44,534	38,199	33,263	.2150	32,753
December.....	13,725	52,222	23,898	28,359	.2320	38,542	38,357	49,667	42,882	38,644	.2150	52,867
Monthly average.....	17,252	40,698	19,852	20,845	.2204	32,540	32,331	42,613	40,886	22,801	.1804	27,615
1949												
January.....	21,041	48,329	25,920	22,409	.2320	33,203	32,307	48,775	48,640	36,564	.2150	64,286
February.....	10,653	59,160	27,861	31,299	.2320	32,667	32,285	42,254	39,475	36,101	.2150	30,859
March.....	15,415	64,374	31,782	32,592	.2318	39,916	43,558	51,373	26,696	53,422	.1891	32,883
April.....	11,248	48,405	27,079	21,326	.2145	37,215	38,715	48,957	16,229	68,353	.1515	25,870
May.....	14,910	46,548	19,044	27,504	.1776	37,006	38,347	51,206	19,060	90,471	.1372	48,718
June.....	17,066	46,570	20,221	26,349	.1634	36,278	36,654	45,455	29,132	96,367	.1200	71,661
July.....	10,349	33,829	14,414	19,415	.1706	29,836	32,126	38,332	32,562	91,834	.1356	9,300
August.....	8,695	45,372	24,372	21,000	.1733	34,021	32,255	37,754	33,581	75,285	.1503	30,856
September.....	14,214	38,176	15,744	22,432	.1733	30,607	30,161	34,928	28,298	60,208	.1505	19,240
October.....	9,388	37,231	25,102	12,129	.1733	29,887	29,497	46,246	22,695	64,859	.1342	28,157
November.....	13,075	41,786	21,811	19,975	.1806	33,225	36,329	48,500	36,799	65,065	.1252	25,951
December.....	25,049	59,054	39,211	19,843	.1820	36,047	37,888	48,896	22,738	70,424	.1200	27,426
Monthly average.....	14,259	47,403	24,380	23,023	.1920	34,159	35,010	45,223	29,659	67,413	.1536	34,601
1950												
January.....	12,165	56,213	25,746	30,467	.1820	35,640	35,031	47,512	25,683	76,529	.1200	31,286
February.....	20,748	61,378	39,759	21,619	.1820	34,825	36,452	41,670	21,855	79,143	.1200	33,924
March.....	19,021	45,207	26,408	18,799	.1820	39,056	38,457	49,104	22,358	88,581	.1096	26,197
April.....	17,120	34,520	15,658	18,862	.1864	35,558	35,513	48,196	33,751	86,309	.1063	32,787
May.....	14,064	66,117	27,086	39,031	.1961	38,024	39,099	48,989	45,702	76,236	.1172	54,917
June.....	11,434	87,222	39,903	47,319	.2200	36,957	35,811	44,490	35,774	69,025	.1181	41,523
July.....	9,785	29,347	13,112	16,235	.2220	31,398	32,283	41,520	41,188	67,809	.1166	35,646
August.....	12,230	33,576	8,204	25,372	.2227	36,030	34,952	47,242	47,031	67,495	.1293	50,412
September.....	12,035	36,298	8,625	27,673	.2290	35,104	36,912	49,958	55,898	61,042	.1580	41,831
October.....	11,925	62,526	33,901	28,625	.2420	35,731	35,394	54,123	62,138	50,854	.1604	43,810
November.....	12,226	38,823	18,664	20,159	.2420	35,377	34,069	50,725	58,658	40,910	.1700	61,002
December.....	20,905	54,807	26,912	27,895	.2420	36,175	36,099	48,234	49,601	35,619	.1700	114,696
Monthly average.....	14,472	50,503	23,665	26,838	.2124	35,823	35,839	47,647	41,636	66,629	.1330	47,336

For footnotes giving source of data and description of series, see p. 271.

METALS AND MANUFACTURES—NONFERROUS METALS AND PRODUCTS—Continued

YEAR AND MONTH	TIN								ZINC						
	Production, pig ¹	Consumption, pig ¹	Stocks, pig, end of month ¹			Imports ²		Price, whole-sale, Straits (N.Y.) ³	Mine production of re-coverable zinc ⁴	Slab zinc					
			Total	Government	Indus-trial	Ore (tin con-tent)	Bars, blocks, pigs, etc.			Production ⁵	Shipments ⁵		Stocks, end of month ⁵	Price, whole-sale, prime Western (St. Louis) ⁶	
											Total	Domestic			
			Long tons				Dollars per lb.		Short tons			Dollars per lb.			
1935 monthly average ..	.....	.....	.....	.....	.....	15	5,355	0.5039	43,159	35,958	38,812	38,807	106,205	0.0433	
1936 monthly average ..	.....	.....	.....	.....	.....	15	6,336	.4642	47,965	43,597	46,831	46,831	75,287	.0490	
1937 monthly average ..	.....	.....	.....	.....	.....	13	7,343	.5424	52,197	49,135	47,437	47,437	24,198	.0652	
1938 monthly average ..	.....	.....	.....	.....	.....	0	4,142	.4226	43,058	38,083	32,963	32,961	128,241	.0461	
1939 monthly average ..	332	5,880	225,070	.....	225,070	42	5,842	.5018	48,651	44,850	49,914	49,914	111,118	.0511	
1940 monthly average ..	419	6,403	270,575	213,371	257,204	250	10,401	.4982	55,422	58,842	63,565	56,218	57,885	.0634	
1941 monthly average ..	488	9,120	2101,076	242,606	258,470	2,389	11,739	.5201	62,427	71,996	71,456	62,606	16,112	.0747	
1942 monthly average ..	1,745	5,108	89,985	45,876	44,109	2,411	2,229	.5200	64,002	77,481	73,797	61,160	37,086	.0825	
1943 monthly average ..	2,159	4,688	75,998	50,569	25,430	81,822	.8993	.5200	62,016	80,989	73,970	69,286	126,823	.0825	
1944 monthly average ..	2,828	5,368	54,971	35,567	19,404	2,962	1,112	.5200	59,887	75,111	69,777	69,195	227,214	.0825	
1945 monthly average ..	3,629	5,059	40,127	22,752	17,375	2,794	708	.5200	51,197	66,627	64,804	63,577	209,570	.0825	
1946 monthly average ..	3,839	4,849	38,074	23,071	15,003	3,173	1,297	.5458	47,903	63,279	70,244	59,524	235,046	.0873	
1947															
January.....	3,364	5,461	30,081	15,156	14,925	3,011	1,235	.7000	55,036	72,332	74,795	67,211	173,337	.1050	
February.....	3,152	5,068	33,282	18,449	14,833	1,774	419	.7000	51,770	65,198	76,074	65,356	162,461	.1050	
March.....	3,188	5,533	31,654	16,499	15,155	0	6	.7000	55,874	75,376	75,788	67,325	162,049	.1050	
April.....	3,054	5,628	29,108	14,017	15,091	3,937	33	.8000	58,447	73,891	72,243	61,715	163,697	.1050	
May.....	3,367	5,128	27,368	12,553	14,815	1,409	54	.8000	59,098	73,970	70,803	58,827	166,864	.1050	
June.....	2,894	4,991	25,710	10,984	14,726	694	443	.8000	62,121	70,990	63,527	52,390	174,327	.1050	
July.....	2,768	5,184	26,663	12,185	14,478	2,596	3,406	.8000	47,719	69,128	59,737	44,801	183,718	.1050	
August.....	2,510	5,049	26,901	12,732	14,169	8,350	2,105	.8000	48,855	66,852	89,314	52,122	161,256	.1050	
September.....	2,636	5,434	30,665	16,356	14,309	2,989	6,470	.8000	47,608	67,867	92,549	50,558	136,574	.1050	
October.....	3,326	5,640	35,332	21,336	13,996	1,745	3,429	.8000	51,506	71,745	129,046	57,564	79,273	.1050	
November.....	2,983	4,959	34,447	20,542	13,905	1,439	2,443	.8000	48,976	69,682	79,789	59,154	69,166	.1050	
December.....	3,211	5,568	38,993	24,555	14,438	2,552	4,855	.8533	50,598	70,996	72,151	61,258	68,011	.1050	
Monthly average.....	3,038	5,304	30,850	16,280	14,570	2,541	2,075	.7794	53,134	70,669	79,651	58,190	141,728	.1050	
1948															
January.....	3,452	5,604	41,386	27,674	13,712	2,086	4,653	.9400	48,548	1072,776	1086,000	1066,174	1055,423	.1108	
February.....	3,048	5,004	41,714	27,086	14,628	3,572	1,539	.9400	48,758	67,917	74,697	63,592	48,643	.1200	
March.....	2,836	5,498	41,400	26,814	14,586	3,666	2,294	.9400	55,356	74,322	77,334	65,334	45,631	.1200	
April.....	3,208	5,662	42,597	27,956	14,641	2,003	3,318	.9400	53,752	71,500	73,915	64,801	43,216	.1200	
May.....	3,576	5,051	47,136	32,437	14,699	1,291	6,026	.9400	52,238	73,885	72,848	67,291	44,253	.1200	
June.....	3,907	5,629	50,222	35,701	14,521	6,153	4,979	1.0300	52,060	68,309	69,402	61,195	43,160	.1200	
July.....	3,724	5,368	50,890	37,118	13,772	3,723	2,750	1.0300	47,416	69,888	67,377	61,349	45,671	.1246	
August.....	3,796	5,788	53,380	39,911	13,469	4,154	4,188	1.0300	50,073	68,180	68,605	63,712	45,246	.1500	
September.....	3,118	5,527	54,614	41,575	13,039	1,931	4,280	1.0300	53,393	64,721	68,850	60,990	41,117	.1500	
October.....	2,597	5,354	57,978	44,814	13,164	1,884	5,625	1.0300	54,624	70,716	67,402	61,751	44,431	.1524	
November.....	3,244	5,179	60,064	46,454	13,610	2,835	2,433	1.0300	57,133	71,195	66,142	66,211	19,484	.1679	
December.....	3,426	5,203	39,314	24,322	14,992	4,194	7,111	1.0300	56,626	76,696	75,332	67,996	20,848	.1750	
Monthly average.....	3,328	5,406	48,391	34,322	14,069	3,124	4,100	.9925	52,498	70,842	74,825	64,200	41,427	.1359	
1949															
January.....	3,541	4,694	39,274	23,929	15,345	3,977	587	1.0300	51,966	75,815	76,234	62,614	20,429	.1750	
February.....	3,545	4,442	39,827	25,199	14,628	2,443	2,526	1.0300	53,235	69,193	68,522	60,827	21,100	.1750	
March.....	3,380	4,723	41,602	27,903	13,699	3,174	8,795	1.0300	62,395	78,121	71,017	51,381	28,204	.1706	
April.....	3,066	4,228	43,322	31,116	12,206	4,205	8,493	1.0300	59,571	75,921	53,143	35,948	50,982	.1406	
May.....	3,241	4,186	41,130	30,550	10,580	3,764	4,210	1.0300	56,304	77,537	52,689	35,564	75,830	.1188	
June.....	3,346	4,161	43,431	33,704	9,727	2,108	4,049	1.0300	54,557	73,989	66,900	44,820	82,919	.0955	
July.....	3,129	3,990	40,679	31,146	9,533	2,210	3,318	1.0300	39,933	74,569	72,080	62,443	85,408	.0936	
August.....	3,307	5,045	31,416	21,703	9,713	2,332	6,434	1.0300	45,289	73,819	74,339	68,659	84,888	.1000	
September.....	3,171	4,852	30,287	20,873	9,414	3,284	6,458	1.0200	42,268	70,368	70,228	60,371	85,028	.1001	
October.....	3,246	2,411	32,070	22,403	9,667	4,899	7,558	.9570	39,219	64,399	51,761	43,998	97,666	.0932	
November.....	3,313	3,925	35,165	23,129	12,036	4,122	4,881	.9111	42,447	65,055	73,702	63,859	89,019	.0975	
December.....	3,081	4,605	35,777	22,452	13,325	1,793	2,915	.7908	46,019	71,327	66,125	57,801	94,221	.0975	
Monthly average.....	3,281	4,272	37,832	26,176	11,656	3,193	5,019	.9932	49,434	72,509	66,395	54,024	67,975	.1215	
1950															
January.....	2,987	4,941	39,827	25,991	13,145	2,549	7,409	.7592	43,606	69,948	82,132	69,020	82,037	.0976	
February.....	2,652	5,131	43,875	25,816	17,104	1,383	8,184	.7435	46,030	69,639	84,257	72,843	67,419	.0975	
March.....	3,137	5,799	43,890	23,396	19,673	1,755	4,940	.7475	51,692	77,946	85,589	74,700	59,776	.0994	
April.....	2,743	5,488	42,270	23,488	18,427	1,392	2,941	.7645	49,183	75,877	83,133	73,389	52,520	.1066	
May.....	3,185	6,120	43,417	23,482	19,230	374	10,434	.7750	52,111	79,645	90,346	71,101	41,819	.1187	
June.....	2,605	6,478	42,644	20,623	20,117	473	8,613	.7770	50,625	75,766	90,920	68,214	26,665	.1465	
July.....	2,574	6,571	42,512	18,254	22,780	658	11,621	.8988	48,423	77,868	84,116	67,119	20,417	.1500	
August.....	2,717	8,157	43,717	19,623	21,910	4,266	8,254	1.0205	56,221	73,399	79,365	69,073	14,451	.1505	
September.....	3,130	7,092	41,442	17,804	22,587	3,882	5,136	1.0129	54,794	71,057	75,241	70,656	10,267	.1710	
October.....	3,653	7,059	42,020	17,486	23,666	3,130	6,357	1.1335	55,791	79,997	81,156	71,596	9,108	.1750	
November.....	3,529	6,678	42,697	18,554	22,931	1,685	5,008	1.3768	54,604	79,226	79,079	69,202	9,255	.1750	
December.....	3,383	6,799	40,995	18,618	21,931	3,789	4,019	1.4478	55,127	79,986	80,357	72,333	8,884	.1750	
Monthly average.....	3,025	6,359	42,442	21,095	20,292	2,111	6,910	.9556	51,517	75,863	82,974	70,770	33,552	.1387	

For footnotes giving source of data and description of series, see pp. 271, 272.

METALS AND MANUFACTURES—NONFERROUS METALS AND PRODUCTS AND HEATING APPARATUS, EXCEPT ELECTRIC

YEAR AND MONTH	NONFERROUS METALS				HEATING APPARATUS, EXCEPT ELECTRIC							
	Zinc				Boilers, radiators, and convectors, cast iron ²				Boilers, range, ship-ments ³	Oil burners ⁴		
	Imports (zinc content) ¹				Boilers (round and square)		Radiation			Orders, un-filled, end of month	Ship-ments	Stocks, end of month
	Total	For smelt-ing, refin-ing, and export	For domestic consumption		Ship-ments	Stocks, end of month	Ship-ments	Stocks, end of month				
			Ore (zinc con-tent)	Blocks, pigs, etc.								
	Short tons				Thousands of pounds		Thousands of square feet		Number			
1935 monthly average ..	1,321	362	577	382	20,855	160,265	4,793	32,115	.....	1,539	11,575	14,325
1936 monthly average ..	1,157	93	71	993	25,482	168,380	6,473	36,210	.....	2,833	16,406	17,072
1937 monthly average ..	3,481	26	279	3,176	22,922	186,897	5,843	41,315	.....	3,524	16,098	21,521
1938 monthly average ..	1,108	74	405	629	18,980	137,175	4,728	26,834	.....	2,696	11,601	24,618
1939 monthly average ..	6,172	768	2,792	2,612	21,009	123,537	5,566	29,930	.....	4,784	17,919	19,572
1940 monthly average ..	10,078	5,468	3,720	890	23,555	109,168	6,389	26,892	.....	6,017	22,019	18,671
1941 monthly average ..	22,995	6,723	12,877	3,395	24,439	121,249	7,376	25,526	.....	18,100	25,322	26,082
1942 monthly average ..	35,018	9,220	22,488	3,309	517,242	544,990	5,859	516,402	.....	18,700	10,919	35,667
1943 monthly average ..	750,713	72,551	745,602	74,680	15,204	41,004	.....	.....	.....	20,629	6,047	35,426
1944 monthly average ..	40,464	141	34,554	5,769	17,598	43,269	.....	.....	.....	815,262	86,423	819,172
1945 monthly average ..	36,787	488	27,628	8,672	17,176	103,212	.....	.....	177,123	107,526	14,197	6,644
1946 monthly average ..	25,535	2,615	13,907	9,013	20,814	38,581	3,197	3,143	83,435	657,403	44,693	5,805
1947												
January.....	43,169	5,441	24,439	13,289	24,294	35,861	4,065	2,286	78,400	987,892	77,998	9,592
February.....	34,914	22,482	6,793	5,639	23,782	38,082	4,200	2,254	60,821	1,005,184	75,848	11,295
March.....	19,911	5,842	6,981	7,088	26,073	41,461	4,441	2,675	67,140	928,861	90,724	14,435
April.....	33,853	10,083	18,847	4,923	25,326	44,984	4,597	2,899	66,597	828,453	92,542	12,550
May.....	27,216	6,367	13,940	6,909	23,185	51,327	4,746	3,137	64,415	743,405	94,783	14,441
June.....	31,601	11,534	15,228	4,839	26,342	50,824	4,698	2,909	55,220	676,771	101,755	17,623
July.....	41,030	9,025	26,406	5,599	21,045	50,285	4,032	3,179	48,454	581,751	96,988	20,976
August.....	29,364	8,430	17,842	3,092	28,469	46,991	4,540	2,712	52,967	546,382	117,285	18,759
September.....	22,061	1,510	14,953	5,598	30,464	45,607	4,786	2,675	51,986	463,464	122,201	19,164
October.....	33,645	562	27,295	5,788	37,194	41,740	5,980	2,558	56,357	362,820	124,409	19,902
November.....	19,140	5,659	9,160	4,321	31,372	39,749	5,247	2,528	46,011	227,085	77,965	24,726
December.....	33,415	10,392	12,939	10,084	28,583	39,749	5,388	2,341	42,884	178,929	54,854	34,561
Monthly average.....	30,777	8,111	16,235	6,431	27,177	43,888	4,727	2,680	57,604	627,583	93,946	18,169
1948												
January.....	12,660	121	7,958	4,581	22,018	46,774	5,181	2,536	51,722	115,886	38,945	47,077
February.....	22,617	6,240	10,580	5,797	18,660	57,443	5,011	2,664	52,592	103,708	24,174	57,516
March.....	21,663	2,070	10,487	9,106	13,867	71,262	5,485	3,069	58,908	94,897	18,219	66,399
April.....	21,097	5,717	4,498	10,882	19,699	65,676	4,795	3,015	52,045	80,635	21,745	75,259
May.....	24,696	5,962	11,209	7,525	19,753	68,669	5,123	3,064	41,110	64,343	25,396	72,428
June.....	26,903	3,551	17,306	6,046	15,953	78,834	5,228	3,079	40,294	62,947	27,948	70,017
July.....	24,174	3,016	13,915	7,243	18,005	84,686	4,115	3,272	30,817	67,222	30,800	61,909
August.....	24,373	3,005	11,583	9,785	33,237	73,791	5,302	3,268	52,231	71,084	50,082	48,745
September.....	21,697	2,440	10,588	8,399	31,343	68,752	5,475	3,551	39,798	71,052	56,228	44,449
October.....	24,904	1,850	12,427	10,627	35,353	62,199	6,106	3,389	43,417	63,198	59,351	41,366
November.....	32,323	2,609	17,073	12,641	21,223	64,465	5,191	3,495	38,973	57,087	39,690	42,773
December.....	20,165	4,057	5,919	10,189	14,192	69,092	3,321	5,101	33,810	51,225	27,090	45,501
Monthly average.....	23,106	3,387	11,151	8,568	21,942	67,637	5,028	3,292	44,643	75,274	34,972	56,120
1949												
January.....	24,854	4,966	8,039	11,849	10,632	81,259	2,404	7,179	34,831	45,947	26,382	52,300
February.....	13,046	2,211	5,014	5,821	8,239	90,151	1,823	9,226	31,994	47,722	24,092	51,890
March.....	20,621	4,090	7,606	8,925	7,127	100,759	1,412	11,896	36,736	47,673	25,988	55,328
April.....	20,666	5,447	7,994	6,625	6,042	105,574	1,305	13,833	27,593	51,231	25,497	56,423
May.....	36,484	9,025	19,868	7,591	8,528	112,115	1,510	14,803	24,415	51,388	34,918	54,670
June.....	30,534	6,873	15,093	8,568	13,155	109,624	2,221	13,706	29,136	51,210	46,893	48,029
July.....	21,113	5,669	5,747	9,697	14,265	101,842	2,747	12,068	27,350	55,060	41,613	46,882
August.....	24,756	3,839	9,941	10,976	27,270	89,724	4,130	10,485	39,961	60,801	74,898	41,681
September.....	23,198	1,692	8,265	13,241	33,839	74,863	5,363	8,547	42,482	65,364	95,187	35,403
October.....	20,507	1,109	4,931	14,467	36,989	61,511	5,970	6,491	45,252	56,518	97,165	28,924
November.....	28,454	935	9,931	17,588	25,185	56,796	4,190	5,602	38,532	47,562	60,484	32,608
December.....	21,294	207	7,106	13,981	15,025	60,117	2,813	5,688	42,204	44,176	40,793	39,068
Monthly average.....	23,744	3,839	9,128	10,777	17,191	87,028	2,991	9,960	35,041	52,054	49,493	45,267
1950												
January.....	23,157	60	12,491	10,606	10,595	70,978	2,678	5,806	42,101	41,206	36,650	40,040
February.....	30,999	434	15,625	14,940	10,534	79,029	2,966	5,655	54,523	45,218	36,808	42,152
March.....	25,530	983	13,382	11,165	11,144	90,786	3,015	6,186	53,374	52,517	51,985	43,744
April.....	20,593	178	7,044	13,371	12,573	96,634	2,440	7,056	34,481	54,879	46,208	51,698
May.....	27,202	0	13,309	13,893	15,349	99,986	2,025	7,505	33,563	61,945	64,001	57,818
June.....	43,662	136	30,141	13,385	19,386	100,994	3,513	7,821	36,498	81,725	80,562	59,401
July.....	38,824	0	20,467	18,357	25,747	87,568	4,020	6,531	37,489	123,693	98,656	50,446
August.....	58,685	2,147	43,921	12,617	40,329	72,295	6,449	4,846	43,552	146,922	138,587	38,747
September.....	35,137	0	19,724	15,413	40,153	58,577	5,714	4,020	38,920	118,930	115,780	37,468
October.....	39,456	6,169	20,446	12,841	38,488	48,885	5,798	3,200	44,748	82,903	114,041	38,411
November.....	34,150	0	20,665	13,485	25,754	48,483	5,127	2,766	40,689	65,496	70,285	44,482
December.....	31,744	596	20,001	11,147	17,399	48,763	4,372	2,951	43,869	57,837	60,180	51,564
Monthly average.....	34,095	892	19,768	13,435	22,288	75,248	4,010	5,362	41,984	77,773	76,145	46,331

For footnotes giving source of data and description of series, see pp. 272, 273.

METALS AND MANUFACTURES—HEATING APPARATUS, EXCEPT ELECTRIC—Continued

YEAR AND MONTH	STOVES AND RANGES, DOMESTIC COOKING, EXCEPT ELECTRIC ¹				STOVES, DOMESTIC HEATING ²				WARM-AIR FURNACES (FORCED-AIR AND GRAVITY AIR-FLOW) ³				Water heaters, non-electric, shipments ⁴	
	Shipments													
	Total	Coal and wood	Gas	Kerosene, gasoline, and fuel oil	Total	Coal and wood	Gas	Kerosene, gasoline, and fuel oil	Total	Gas	Oil	Solid fuel		
	Number													
1935 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1936 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1937 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1938 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1939 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1940 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1941 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1942 monthly average ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1943 monthly average ..	588,812	52,762	536,235	519,816	5231,862	5169,063	544,270	518,529	.....	.....	.....	.....	.....	
1944 monthly average ..	117,597	31,444	54,405	31,749	210,568	132,514	49,987	28,068	23,430	1,115	569	21,746	.....	
1945 monthly average ..	157,586	29,908	84,872	42,806	246,119	135,726	62,133	48,260	31,081	4,370	1,550	25,161	5137,086	
1946 monthly average ..	233,266	33,759	156,482	43,026	350,384	135,609	104,854	109,921	58,255	18,592	6,672	32,991	200,010	
1947														
January.....	283,743	38,638	193,036	52,069	455,141	118,232	164,001	172,908	77,485	28,954	15,931	32,600	293,315	
February.....	290,302	41,682	191,334	57,286	336,492	71,267	139,710	125,515	66,554	23,901	17,846	24,807	270,843	
March.....	301,422	46,043	200,691	54,688	371,489	83,831	158,892	128,766	60,445	14,530	22,976	22,939	282,408	
April.....	305,073	45,401	205,310	54,362	391,646	79,637	174,761	137,248	55,661	14,197	22,502	18,962	244,626	
May.....	288,768	39,566	199,098	50,104	385,764	81,203	149,862	154,699	55,630	9,858	25,478	20,294	210,487	
June.....	287,635	35,938	204,015	47,682	414,257	81,175	169,167	163,915	55,518	9,653	25,765	20,100	192,372	
July.....	251,274	30,680	181,103	39,491	487,367	102,202	194,469	190,696	57,608	9,549	22,991	25,068	197,485	
August.....	260,580	36,925	187,719	35,936	605,908	126,374	232,333	247,201	82,206	13,544	33,881	34,781	217,953	
September.....	293,141	37,417	212,806	42,918	757,498	166,811	288,622	302,065	91,050	15,214	35,270	40,566	210,360	
October.....	338,156	38,340	261,221	38,595	851,730	181,346	334,463	335,921	108,419	19,632	36,795	51,992	229,307	
November.....	281,571	31,270	210,894	39,407	677,558	125,544	308,928	243,086	72,640	13,530	27,794	31,316	185,932	
December.....	285,575	27,456	211,078	47,041	600,108	88,026	301,886	210,196	67,567	15,283	28,311	23,973	174,704	
Monthly average.....	288,937	37,446	204,859	46,632	527,913	108,804	218,091	201,018	70,899	15,654	26,295	28,950	225,816	
1948														
January.....	288,203	29,955	210,865	47,383	318,677	44,825	143,507	130,345	46,558	10,822	16,384	19,352	176,736	
February.....	312,406	32,169	223,756	56,481	262,516	47,181	104,767	110,568	36,345	9,313	7,645	19,387	159,007	
March.....	352,613	31,633	252,036	68,944	268,368	46,316	114,270	107,782	39,297	9,890	8,105	21,302	173,291	
April.....	326,149	23,589	247,403	55,157	283,865	40,065	134,237	109,563	45,597	12,454	9,931	23,212	173,438	
May.....	317,531	19,724	252,929	44,878	310,479	51,072	161,049	98,358	55,473	13,617	11,261	30,595	161,358	
June.....	319,642	20,068	259,675	39,899	379,525	69,013	170,523	139,989	64,724	17,269	11,923	35,532	167,329	
July.....	256,618	20,131	201,532	34,955	466,442	101,408	179,778	185,256	57,292	14,976	12,881	29,435	160,415	
August.....	304,914	27,607	248,663	28,644	714,461	171,664	277,492	265,305	92,011	20,792	23,426	47,793	208,855	
September.....	314,727	27,803	260,508	26,416	728,004	191,638	254,305	282,061	103,566	23,714	26,658	53,194	196,704	
October.....	304,971	25,480	259,513	19,978	750,738	213,754	271,543	265,441	107,024	24,862	26,718	55,444	172,366	
November.....	258,193	20,832	215,715	21,646	509,780	147,042	189,515	173,223	77,498	17,403	19,981	40,114	142,474	
December.....	175,615	16,536	136,683	22,396	234,434	79,628	83,004	71,802	51,163	13,044	15,563	22,556	114,817	
Monthly average.....	294,299	24,627	230,773	38,898	435,607	100,301	173,666	161,641	64,712	15,680	15,873	33,160	167,262	
1949														
January.....	137,869	14,307	108,829	14,733	122,034	24,120	36,541	61,373	31,734	8,894	9,705	13,135	116,072	
February.....	154,915	15,890	119,251	19,774	93,469	15,119	27,633	50,717	33,011	8,565	8,823	15,623	108,142	
March.....	192,915	17,130	155,721	20,064	107,174	11,148	36,959	59,067	41,271	12,177	10,324	18,770	133,332	
April.....	182,340	12,555	155,170	14,615	84,052	13,011	29,257	41,784	34,471	12,298	9,637	12,536	140,266	
May.....	180,394	10,693	155,588	14,113	105,368	17,756	40,884	46,728	42,406	17,187	12,657	12,562	149,789	
June.....	188,094	10,376	164,016	13,702	183,240	42,363	58,677	82,200	55,916	24,652	16,917	14,347	165,275	
July.....	149,337	11,707	126,630	11,000	285,887	75,478	102,493	107,916	48,575	20,120	15,305	13,150	144,414	
August.....	245,474	17,186	210,976	17,312	567,520	147,728	223,839	195,953	85,320	36,703	27,073	21,544	180,441	
September.....	265,088	19,060	232,005	14,023	741,694	215,680	268,515	257,499	112,264	48,396	31,331	32,537	191,688	
October.....	297,089	16,720	263,563	16,806	673,181	206,732	268,588	197,861	103,401	44,802	34,964	23,635	200,858	
November.....	277,222	15,000	246,398	15,824	513,543	140,904	249,396	123,243	79,280	38,612	25,057	15,611	184,056	
December.....	204,390	9,304	181,113	13,973	185,609	45,532	98,553	41,524	52,323	26,454	17,511	8,358	160,404	
Monthly average.....	206,261	14,161	176,605	15,495	305,231	79,631	120,111	105,487	59,998	24,905	18,275	16,817	156,228	
1950														
January.....	192,107	10,581	167,221	14,305	95,908	12,088	48,215	35,605	39,887	20,353	13,696	5,838	164,863	
February.....	236,828	11,933	209,156	15,739	93,591	6,366	42,419	44,806	45,618	24,582	14,248	6,788	185,780	
March.....	299,019	14,527	265,829	18,663	108,071	16,597	59,334	32,140	59,982	36,304	18,348	5,330	210,074	
April.....	263,738	12,170	239,706	11,862	130,064	21,376	69,721	38,967	58,798	38,896	15,465	4,437	213,754	
May.....	266,647	8,663	244,080	13,904	190,317	34,975	101,258	54,084	78,349	50,162	21,286	6,901	237,837	
June.....	246,283	8,783	220,936	16,564	294,372	51,160	137,945	105,267	98,517	58,476	30,867	9,174	255,072	
July.....	281,870	11,113	256,075	14,682	433,371	74,704	228,936	129,731	102,189	54,203	35,380	12,606	243,490	
August.....	376,637	21,045	333,439	22,153	785,350	172,497	321,487	291,366	145,512	76,463	45,644	23,405	322,909	
September.....	323,636	16,157	288,809	18,670	658,807	173,145	277,940	207,722	139,014	74,241	44,980	19,793	280,683	
October.....	338,625	14,827	309,846	13,952	610,766	145,742	290,932	174,092	137,915	67,036	51,285	19,594	286,907	
November.....	295,344	11,187	270,613	13,544	464,490	109,658	243,948	110,884	102,001	50,336	36,988	14,677	257,999	
December.....	263,729	9,990	237,001	16,738	327,637	69,393	171,182	87,062	85,407	45,731	29,852	9,824	250,134	
Monthly average.....	282,039	12,581	253,559	15,898	349,395	73,975	166,110	109,311	91,099	49,732	29,837	11,531	242,459	

For footnotes giving source of data and description of series, see P. 273.

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METALS AND MANUFACTURES—MACHINERY AND APPARATUS

YEAR AND MONTH	BLOWERS, FANS, AND UNIT HEATERS ²		Foundry equipment (new), new orders, net ²	FURNACES, INDUSTRIAL ³		MACHINE TOOLS ⁴		MECHANICAL STOKERS, SALES ⁵		Pumps, steam, power, centrifugal and rotary, new orders ⁶	
	New orders			New orders		New orders	Shipments	Classes 1, 2, and 3	Classes 4 and 5		
	Blowers and fans	Unit-heater group		Elec- tric	Fuel-fired (except for hot rolling steel)						
Thousands of dollars	Monthly average shipments, 1937-39 = 100	Thousands of dollars	Monthly average shipments, 1945-47 = 100	Number	Horsepower	Thousands of dollars					
1935 monthly average ..	71,837	.....	.....	.....	.....	.....	3,801	193	36,246	860	
1936 monthly average ..	73,463	72,620	.....	308	275	.....	6,892	281	55,296	1,341	
1937 monthly average ..	74,479	72,944	.....	279	358	56.2	55.0	8,210	274	52,015	1,592
1938 monthly average ..	72,885	72,237	.....	93	152	32.3	40.9	7,835	201	35,003	1,213
1939 monthly average ..	73,871	72,572	.....	244	264	100.0	56.4	8,430	261	50,266	1,352
1940 monthly average ..	75,095	73,573	210.1	687	666	175.2	124.0	12,501	235	47,505	2,204
1941 monthly average ..	78,252	75,460	356.0	1,143	1,990	281.3	218.4	15,731	307	69,150	3,606
1942 monthly average ..	74,262	75,409	705.4	3,254	5,307	519.9	372.5	6,959	375	85,866	6,155
1943 monthly average ..	73,972	73,641	353.3	1,071	1,213	186.9	332.6	2,230	507	94,161	6,214
1944 monthly average ..	71,793	73,490	387.1	853	1,491	165.0	140.2	3,257	323	59,413	3,436
1945 monthly average ..	71,932	75,521	439.9	9789	1,329	133.3	119.4	10,553	349	71,245	2,869
1946 monthly average ..	75,673	79,088	495.3	702	968	96.6	94.4	15,570	340	70,801	3,105
1947											
January.....	14,953	7,259	466.9	789	1,043	71.7	91.7	4,282	215	54,852	3,428
February.....			472.5	476	481	63.8	92.4	2,306	177	52,705	3,506
March.....			532.3	551	2,641	74.3	100.4	3,598	280	56,661	3,464
April.....	10,286	6,074	445.9	1,079	670	69.8	93.3	4,061	174	57,563	3,638
May.....			525.9	389	1,144	76.9	89.2	5,281	170	52,981	2,973
June.....			658.9	308	1,764	90.9	84.1	5,851	270	63,168	2,999
July.....	8,452	7,912	426.1	432	1,907	81.1	65.4	7,092	381	83,364	3,148
August.....			411.3	565	674	62.1	63.6	9,043	396	96,983	3,843
September.....			393.1	354	662	63.7	77.0	8,962	344	80,475	3,355
October.....	10,985	9,677	438.2	677	1,235	81.0	94.8	8,194	273	52,523	3,475
November.....			286.1	350	826	75.6	84.7	3,728	208	51,603	2,673
December.....			467.8	1,831	2,252	81.1	98.4	2,492	230	50,946	3,480
Monthly average.....	711,169	77,731	460.4	650	1,275	74.3	86.2	5,483	260	62,819	3,332
1948											
January.....	1013,052	106,769	380.9	550	1,419	83.1	75.3	2,704	168	44,062	3,819
February.....			367.3	310	501	77.3	87.1	4,349	191	68,150	3,635
March.....			326.2	776	885	86.3	83.6	5,141	250	78,289	4,703
April.....	14,231	6,837	412.0	436	781	86.3	82.0	4,587	336	92,642	4,312
May.....			388.5	528	794	73.5	82.6	6,369	313	74,488	3,724
June.....			376.8	538	533	83.4	94.4	7,871	333	70,694	3,512
July.....	14,977	12,035	456.3	383	764	74.0	62.4	8,500	370	88,803	4,075
August.....			324.7	390	835	73.7	69.8	10,668	399	78,491	4,520
September.....			273.5	363	687	73.1	84.7	13,876	402	74,552	3,474
October.....	14,413	11,371	296.0	599	1,670	67.4	80.4	10,778	391	76,774	3,571
November.....			284.4	273	731	72.2	76.2	4,800	248	46,679	3,580
December.....			243.7	690	998	76.7	96.9	2,869	245	63,206	4,263
Monthly average.....	714,168	79,253	344.2	486	883	77.2	81.3	6,876	304	71,403	3,932
1949											
January.....	14,543	6,953	149.9	948	1,047	87.0	68.8	1,988	192	51,697	3,390
February.....			144.4	402	636	80.9	70.3	1,831	149	48,341	3,247
March.....			190.8	436	305	93.5	75.8	1,854	138	49,909	3,593
April.....	17,930	6,101	172.0	543	323	70.1	74.7	1,548	119	38,292	2,699
May.....			121.9	762	438	63.7	72.8	1,560	158	30,910	2,775
June.....			164.9	196	257	53.6	79.0	2,696	253	58,142	3,019
July.....	17,710	11,432	146.6	329	594	48.0	60.7	2,382	193	31,992	3,358
August.....			127.1	210	706	51.5	67.3	4,246	345	66,018	3,767
September.....			166.6	318	589	57.7	67.6	6,681	268	50,693	2,914
October.....	15,905	12,341	133.5	565	269	56.8	62.3	4,319	242	41,318	2,539
November.....			270.4	293	516	67.6	2,257	52,631	2,525		
December.....			201.0	281	719	82.5	75.7	1,469	163	46,854	2,560
Monthly average.....	716,522	79,207	168.4	440	533	69.1	70.2	2,736	202	47,233	3,032
1950											
January.....	1120,632	118,121	159.3	473	1,914	99.7	52.8	1,327	106	29,700	2,587
February.....			113.1	697	616	89.2	56.1	659	95	28,564	2,938
March.....			225.2	753	1,300	107.4	75.3	692	116	38,845	3,313
April.....	28,317	9,715	160.6	415	837	98.9	61.6	814	120	36,109	3,376
May.....			294.9	982	1,392	116.4	82.5	743	134	34,960	3,688
June.....			622.7	1,328	1,166	124.1	91.9	1,450	226	62,952	4,153
July.....	32,471	17,870	401.8	1,445	2,247	253.1	68.3	2,234	248	64,582	4,080
August.....			693.6	1,039	3,927	305.1	95.7	4,430	352	87,404	6,429
September.....			483.8	1,485	1,817	280.6	101.6	3,546	358	64,638	5,191
October.....	32,524	17,667	526.8	1,603	2,306	289.6	100.9	2,950	259	66,472	4,985
November.....			885.5	2,157	2,068	291.9	110.9	1,891	174	38,343	5,961
December.....			526.2	1,505	2,749	410.1	135.7	1,937	176	73,142	6,720
Monthly average.....	728,486	713,343	424.5	1,157	1,862	205.5	86.1	1,890	197	52,143	4,452

For footnotes giving source of data and description of series, see pp. 273, 274.

METALS AND MANUFACTURES—ELECTRICAL EQUIPMENT

YEAR AND MONTH	Batteries (auto-motive replacement only), ship-ments ¹	DOMESTIC ELECTRICAL APPLI- ANCES, SALES BILLED			INSULATING MATERIALS AND RELATED PRODUCTS						MOTORS AND GENERATORS			
		Refrig- erators ²	Vacuum cleaners, standard type ³	Washers ⁴	Insulat- ing ma- terials, sales billed, index ⁵	Fiber products ⁶			Steel conduit (rigid) and fitt- ings, ship- ments ⁷	New orders, index ⁸	Polyphase induction motors, 1-200 horsepower ⁹		Direct current motors and generators, 1-200 horsepower ⁹	
						Laminated fiber products, shipments	Consump- tion of fiber paper	Ship- ments of vul- canized prod- ucts			New orders	Billings	New orders	Billings
Thous.	1936 = 100	Number	1936 = 100	Thous. of dollars	Thous. of pounds	Thous. of dollars	Short tons	1936 = 100	Thousands of dollars					
1935 monthly average ..	860	77	70,842	117,813	78	814	1,683	446	.....	⁶ 65	1,711	1,634	440	399
1936 monthly average ..	905	100	90,388	144,095	100	1,046	2,115	539	.....	⁶ 100	2,543	2,303	650	573
1937 monthly average ..	902	116	100,849	136,835	110	1,106	2,377	595	11,431	⁶ 121	3,211	3,116	777	809
1938 monthly average ..	978	62	80,584	94,801	64	675	1,342	332	7,809	⁶ 66	1,726	1,743	452	416
1939 monthly average ..	1,118	93	90,384	119,438	95	990	1,991	533	11,033	⁶ 98	2,494	2,219	800	544
1940 monthly average ..	1,195	136	111,716	129,389	121	1,451	2,488	617	11,956	⁶ 151	3,635	3,187	1,381	957
1941 monthly average ..	1,327	183	139,177	163,324	234	2,804	3,558	1,103	24,096	⁶ 316	6,530	5,470	3,227	1,820
1942 monthly average ..	1,266	.....	48,297	980,233	321	4,292	4,171	1,303	19,548	⁶ 528	9,554	7,544	7,891	3,921
1943 monthly average ..	1,417	.....	.....	.....	415	5,875	4,874	1,512	7,663	⁶ 437	7,072	6,850	6,958	6,022
1944 monthly average ..	1,593	.....	.....	.....	379	5,460	4,200	1,234	7,856	⁶ 321	5,713	5,778	6,215	6,728
1945 monthly average ..	1,463	.....	.....	.....	305	4,341	3,654	1,105	10,644	⁶ 278	7,302	5,568	3,099	3,637
1946 monthly average ..	1,460	101	190,787	168,665	264	3,287	4,004	1,280	16,512	⁶ 417	11,872	6,406	1,745	994
1947														
January.....	1,509	132	258,846	259,233	388	4,550	5,004	1,942	18,297	459	38,332	29,589	5,318	4,359
February.....	1,601	113	272,907	255,611	373	4,471	4,488	1,744	18,757					
March.....	1,798	154	314,852	290,397	405	4,859	4,598	1,757	20,088					
April.....	1,868	168	335,368	320,969	405	4,687	4,824	1,791	21,110	394	31,849	32,668	5,155	4,821
May.....	1,873	176	319,781	313,724	361	4,092	5,086	1,758	22,141					
June.....	1,737	183	327,250	314,705	352	4,150	4,771	1,625	22,218					
July.....	1,433	173	282,165	281,826	324	4,002	4,582	1,425	20,821	308	22,328	30,280	4,118	4,935
August.....	2,073	133	280,366	279,229	320	3,619	5,124	1,559	19,745					
September.....	2,415	180	326,882	354,094	350	4,150	4,820	1,599	23,638					
October.....	2,854	197	358,546	397,113	381	4,397	5,442	1,731	23,664	392	29,534	32,451	5,790	5,834
November.....	2,683	182	350,470	365,579	345	3,812	5,107	1,486	22,336					
December.....	2,597	211	373,254	351,152	353	4,205	4,852	1,457	25,319					
Monthly average.....	2,037	167	316,724	315,303	363	4,249	4,892	1,656	21,511	⁶ 388	⁶ 30,511	⁶ 31,247	⁶ 5,095	⁶ 4,987
1948														
January.....	2,394	182	304,273	360,445	353	4,221	5,065	1,540	20,882	295	22,871	32,622	5,068	5,059
February.....	2,254	188	311,448	367,909	351	4,162	4,532	1,461	22,730					
March.....	1,679	226	355,415	408,512	398	4,693	5,200	1,742	23,194					
April.....	1,211	219	306,588	402,257	371	4,310	5,317	1,686	24,653	329	25,841	32,954	6,144	5,078
May.....	1,027	211	276,657	377,895	344	4,118	4,925	1,500	22,415					
June.....	1,200	247	256,071	392,496	352	4,393	4,043	1,338	22,704					
July.....	1,506	232	229,537	326,181	323	4,127	3,775	1,430	23,072	290	22,168	27,669	6,045	4,997
August.....	2,519	186	237,202	362,169	354	4,286	5,113	1,618	19,241					
September.....	2,643	226	276,137	433,919	387	4,783	3,632	1,602	22,456					
October.....	2,845	250	281,573	382,400	390	4,922	4,802	1,597	24,588	301	24,697	29,090	5,016	6,708
November.....	2,541	245	255,080	319,300	391	4,966	4,259	1,568	27,650					
December.....	1,906	217	273,890	183,700	391	4,862	4,328	1,525	28,113					
Monthly average.....	1,977	219	280,072	360,000	367	4,487	4,583	1,551	23,475	⁶ 304	⁶ 23,894	⁶ 30,584	⁶ 5,568	⁶ 5,461
1949														
January.....	1,243	253	228,769	172,400	359	4,462	4,424	1,518	22,705	262	21,148	22,421	5,266	5,236
February.....	826	224	241,574	201,300	329	4,077	4,227	1,454	21,630					
March.....	560	245	309,897	242,500	366	4,702	4,324	1,496	24,590					
April.....	499	216	252,656	192,500	315	4,170	3,844	1,247	21,931	240	18,679	20,542	4,997	4,833
May.....	685	220	222,850	211,700	285	3,697	3,966	1,133	17,566					
June.....	1,059	197	207,354	260,700	282	3,646	3,649	982	13,240					
July.....	1,637	210	161,920	200,900	240	3,329	2,776	810	12,568	224	17,715	19,655	2,890	3,248
August.....	2,648	205	219,909	323,800	273	3,649	2,678	947	12,400					
September.....	2,786	206	250,036	357,300	318	4,380	3,038	1,013	14,992					
October.....	2,573	168	272,520	333,700	330	4,479	3,201	1,063	17,683	232	18,521	17,912	3,747	3,472
November.....	2,132	137	253,516	298,700	345	4,723	3,231	1,112	12,662					
December.....	1,694	161	265,513	237,600	338	4,625	3,155	1,097	20,946					
Monthly average.....	1,529	204	240,543	252,800	315	4,162	3,543	1,156	17,743	⁶ 239	⁶ 19,016	⁶ 20,133	⁶ 4,225	⁶ 4,197
1950														
January.....	1,467	226	249,150	275,600	345	4,696	3,632	1,217	15,674	338	28,236	19,812	4,692	3,525
February.....	1,174	280	263,515	343,000	356	4,788	3,439	1,269	16,100					
March.....	1,191	356	361,014	423,800	406	5,351	3,988	1,566	17,708					
April.....	915	330	292,664	333,100	381	5,226	3,735	1,307	16,515	337	25,436	24,608	6,106	4,347
May.....	1,196	328	278,645	304,600	446	6,069	4,319	1,534	17,219					
June.....	1,646	332	250,190	325,200	451	6,165	4,326	1,523	21,645					
July.....	2,060	304	279,967	282,300	370	5,164	3,831	1,271	24,723	551	46,582	29,610	7,428	4,163
August.....	2,839	293	341,232	381,500	466	6,288	4,721	1,717	30,543					
September.....	2,925	302	327,524	424,000	514	7,054	4,674	1,794	29,123					
October.....	3,007	236	331,445	439,900	547	7,332	5,048	2,088	25,875	674	55,054	37,905	10,648	5,382
November.....	2,536	228	265,310	380,000	542	7,266	4,844	2,036	24,489					
December.....	2,172	219	288,756	377,000	564	7,574	4,738	1,965	27,561					
Monthly average.....	1,928	286	294,118	357,500	449	6,081	4,275	1,607	22,265	⁶ 475	⁶ 38,827	⁶ 27,984	⁶ 7,218	⁶ 4,354

For footnotes giving source of data and description of series, see pp. 274, 275.

PETROLEUM, COAL, AND PRODUCTS—COAL

YEAR AND MONTH	ANTHRACITE					BITUMINOUS										
	Pro- duc- tion ¹	Stocks in pro- ducers' storage yards, end of month ²	Ex- ports ³	Prices, compos- ite, chestnut		Pro- duc- tion ⁶	Indus- trial consump- tion and retail deli- veries, total ⁷	Industrial consumption								
				Re- tail ⁴	Whole- sale ⁵			Total ⁷	Bee- hive coke ovens ⁸	By- prod- uct coke ovens ⁹	Cement mills ¹⁰	Elec- tric- power utili- ties ¹¹	Rail- ways (class 1) ¹²	Steel and roll- ing mills ¹³	Other indus- trial ¹⁴	
	Thousands of short tons			Dollars per short ton			Thousands of short tons									
1935 monthly average ..	4,347	1,415	134	1211.14	9.590	31,031	1329,563	1322,563	122	4,087	13293	132,578	6,426	979	138,078	
1936 monthly average ..	4,548	1,484	140	1411.61	9.735	36,591	1333,889	1326,873	225	5,270	398	133,175	7,199	1,123	139,483	
1937 monthly average ..	4,321	1,717	160	11.19	9.372	37,128	1335,745	1329,072	411	5,798	13437	133,420	7,340	1,071	1310,595	
1938 monthly average ..	3,842	1,653	159	11.11	9.445	29,045	1327,911	1322,201	113	3,772	374	133,037	6,160	701	138,044	
1939 monthly average ..	4,291	808	216	10.84	9.143	32,905	1331,218	1325,254	192	5,101	13440	133,525	6,589	817	138,590	
1940 monthly average ..	4,290	703	222	11.35	9.554	38,398	1335,790	1328,482	400	6,382	13469	134,094	7,094	837	139,206	
1941 monthly average ..	4,697	614	282	11.97	10.006	42,846	1340,873	1332,751	877	6,884	13569	134,991	8,115	909	1310,406	
1942 monthly average ..	5,027	530	370	12.47	10.312	48,558	1344,872	1336,143	1,073	7,331	13631	135,289	9,618	870	1311,332	
1943 monthly average ..	5,054	296	345	13.20	10.889	49,181	1349,346	1339,116	1,037	7,502	13488	136,170	10,857	937	1312,127	
1944 monthly average ..	5,308	375	349	13.94	11.474	51,631	1349,003	1338,595	905	7,870	13316	136,388	11,004	895	1311,218	
1945 monthly average ..	4,578	213	308	14.43	11.887	48,135	1346,482	1336,331	678	7,268	351	5,967	10,427	840	1310,801	
1946 monthly average ..	5,042	156	540	15.97	13.056	44,494	1341,584	1333,202	597	6,343	13584	5,729	9,181	717	1310,051	
1947																
January.....	5,172	284	568	16.87	13.768	60,113	53,238	40,293	929	7,948	658	7,156	10,104	943	12,555	
February.....	4,254	292	387	1516.84	13.753	52,420	49,989	37,445	842	7,230	607	6,582	9,431	904	11,849	
March.....	4,984	321	528	16.83	13.767	56,499	49,965	38,976	948	8,013	652	6,944	10,137	945	11,337	
April.....	4,293	404	870	16.82	13.650	42,015	43,126	36,632	698	7,639	640	6,409	9,227	858	11,161	
May.....	4,564	520	820	16.17	13.455	57,506	40,942	35,097	958	7,844	515	6,422	9,017	802	9,539	
June.....	4,624	485	714	16.17	13.520	48,323	40,241	33,917	739	7,570	627	6,364	8,385	742	9,490	
July.....	4,098	292	700	16.50	13.713	40,647	38,835	33,517	684	7,680	648	6,719	8,151	718	8,917	
August.....	5,011	295	844	17.48	14.615	51,822	40,265	35,207	923	8,016	672	7,473	8,527	736	8,860	
September.....	5,158	398	855	17.71	14.700	53,369	43,893	36,857	930	7,642	662	7,614	8,450	741	10,818	
October.....	5,524	529	830	17.87	14.760	58,366	48,221	40,467	983	8,262	704	8,125	9,048	826	12,519	
November.....	4,629	675	765	18.01	14.796	53,692	46,055	38,045	878	8,074	730	7,743	9,167	867	10,586	
December.....	4,879	702	629	18.03	14.803	55,852	49,366	38,520	963	8,407	757	8,458	9,652	966	9,317	
Monthly average.....	4,766	433	709	17.11	14.108	52,552	1345,350	1337,087	873	7,860	13662	7,167	9,108	837	10,579	
1948																
January.....	4,929	511	396	18.22	14.896	57,160	54,939	41,685	1,000	8,373	709	8,803	9,726	1,104	11,970	
February.....	4,682	320	412	18.24	14.912	50,880	47,416	35,739	881	7,891	636	7,888	9,091	996	8,356	
March.....	4,935	256	604	18.24	15.022	34,693	44,483	34,955	522	8,073	671	7,796	8,430	1,023	8,440	
April.....	4,445	153	671	18.24	15.023	35,407	33,993	29,582	407	6,463	649	6,908	7,044	819	7,292	
May.....	4,874	96	628	18.29	15.134	57,144	39,144	33,516	933	8,153	692	7,094	7,766	822	8,056	
June.....	4,597	63	612	18.60	15.325	53,677	38,920	32,977	875	8,009	690	7,512	7,432	798	7,661	
July.....	4,372	51	449	18.94	15.836	49,025	38,726	33,556	721	8,192	721	7,696	7,408	663	8,155	
August.....	5,129	135	691	20.01	16.338	54,293	41,957	36,461	995	8,321	719	8,187	7,467	706	10,066	
September.....	5,015	413	692	20.09	16.388	52,679	42,303	36,147	956	8,170	679	8,239	7,258	697	10,148	
October.....	4,969	703	642	20.10	16.391	53,936	45,975	38,600	1,010	8,473	751	8,705	7,851	766	11,044	
November.....	4,687	971	470	20.10	16.384	50,239	43,981	37,771	987	8,243	771	8,275	7,655	793	11,047	
December.....	4,506	964	408	20.10	16.389	50,385	46,926	38,027	1,035	8,623	777	8,517	7,710	859	10,506	
Monthly average.....	4,762	386	556	19.10	1615.749	49,960	1343,238	1335,759	860	8,082	13713	7,968	7,903	837	9,395	
1949																
January.....	3,725	928	305	20.30	1615.982	49,011	47,316	37,339	1,033	8,639	733	8,239	7,498	878	10,819	
February.....	2,930	837	338	20.60	16.029	46,490	42,245	33,678	997	7,822	640	7,141	6,628	812	9,638	
March.....	2,375	442	301	20.59	16.029	33,991	44,329	34,545	707	8,499	666	7,341	6,565	849	9,918	
April.....	3,725	573	424	20.01	15.695	47,633	37,481	31,350	998	8,240	649	6,327	6,121	714	8,301	
May.....	4,407	584	617	19.44	15.565	48,039	34,745	29,699	826	8,292	670	6,135	5,892	621	7,263	
June.....	3,406	450	610	19.65	15.615	35,680	32,583	26,866	408	7,512	633	6,333	5,274	559	6,147	
July.....	3,925	661	358	19.75	15.759	27,228	29,887	25,845	41	7,020	629	6,162	4,974	505	6,514	
August.....	3,710	879	382	19.80	15.814	37,914	33,571	27,985	79	7,368	641	6,728	5,133	551	7,485	
September.....	2,114	601	399	20.08	16.102	19,965	36,408	27,163	49	7,043	625	6,328	4,709	527	7,882	
October.....	4,979	724	510	20.36	16.165	10,545	28,061	21,562	15	2,460	654	6,279	4,584	192	7,378	
November.....	4,657	1,138	421	20.49	16.185	45,037	34,964	26,359	61	5,038	675	6,418	5,080	521	8,566	
December.....	2,749	975	277	20.49	16.190	36,335	43,026	31,426	140	7,949	725	7,179	5,665	722	9,046	
Monthly average.....	3,559	733	412	20.13	15.928	36,489	1337,055	1329,530	446	7,157	13666	6,718	5,677	621	8,246	
1950																
January.....	2,914	658	149	20.51	16.190	31,151	41,855	30,719	152	7,696	659	7,306	5,320	712	8,874	
February.....	2,581	358	201	20.51	16.190	12,145	34,322	25,458	40	5,714	579	6,397	4,119	649	7,960	
March.....	4,882	183	364	20.62	16.577	53,594	40,033	30,008	392	7,144	565	6,900	5,522	745	8,740	
April.....	3,355	289	261	21.30	16.692	46,615	36,617	30,041	666	8,091	631	6,538	5,341	663	8,111	
May.....	4,258	408	364	20.33	16.207	45,798	34,031	29,651	704	8,367	649	6,645	4,926	622	7,738	
June.....	4,196	556	345	20.36	16.356	45,823	33,248	28,763	864	8,072	636	6,779	4,727	558	7,127	
July.....	2,875	637	275	20.76	16.498	35,109	33,819	28,581	795	8,340	625	6,797	4,750	539	6,735	
August.....	4,417	878	318	21.26	16.636	50,083	37,954	30,836	1,006	8,183	670	7,782	4,988	583	7,624	
September.....	3,862	1,035	480	21.52	16.739	47,297	36,957	30,202	903	8,057	652	7,456	4,972	553	7,609	
October.....	4,313	1,298	461	21.74	16.886	51,376	38,887	32,902	1,000	8,480	705	8,186	5,360	611	8,560	
November.....	3,379	1,416	346	21.90	16.980	45,512	40,033	33,270	891	8,006	749	8,451	5,329	668	9,176	
December.....	3,360	1,268	328	22.06	17.121	47,497	44,875	35,596	980	8,473	799	9,024	5,615	795	9,910	
Monthly average.....	3,699	749	324	21.07	16.589	42,667	37,719	30,502	699	7,885	660	7,355	5,081	642	8,180	

For footnotes giving source of data and description of series, see pp. 275-277.

PETROLEUM, COAL, AND PRODUCTS—COAL—Continued

YEAR AND MONTH	BITUMINOUS													Prices, composite		
	Retail deliveries ¹	Consumption on vessels (bunker fuel) ²	Stocks, industrial and retail dealers', end of month									Ex-ports ⁹				
			Total ³	Industrial							Retail dealers ⁸					
				Total ³	By-product coke ovens ⁴	Cement mills ⁴	Electric power utilities ⁵	Railways (class 1) ⁶	Steel and rolling mills ⁷	Other industrial ⁷						
Thousands of short tons													Dollars per short ton			
1935 monthly average ..	6,999	131	37,853	30,041	5,951	326	6,264	6,773	1,187	9,540	7,813	812	^{128.29}	4.242	4.391	
1936 monthly average ..	7,017	135	32,581	25,871	5,490	251	5,967	4,894	947	8,322	6,710	888	^{128.42}	4.272	4.470	
1937 monthly average ..	6,673	153	46,311	38,899	8,080	408	8,576	7,728	1,464	12,643	7,413	1,095	^{128.58}	4.294	4.512	
1938 monthly average ..	5,710	113	36,815	30,391	5,856	320	8,295	5,306	743	9,870	6,424	874	^{128.61}	4.327	4.534	
1939 monthly average ..	5,964	123	36,391	30,609	6,025	375	7,954	5,412	678	10,165	5,782	966	8.52	4.311	4.587	
1940 monthly average ..	7,308	119	44,200	36,825	7,484	482	10,330	5,206	638	12,685	7,375	1,372	8.60	4.304	4.401	
1941 monthly average ..	8,122	137	50,587	43,529	7,629	582	10,961	7,831	877	15,649	7,058	1,728	9.10	4.560	4.751	
1942 monthly average ..	8,729	132	74,133	65,738	9,583	920	16,993	11,943	1,126	25,172	8,395	1,912	9.51	4.782	4.986	
1943 monthly average ..	10,230	137	72,902	66,393	7,890	717	18,389	12,130	969	26,297	6,509	2,153	9.94	5.045	5.310	
1944 monthly average ..	10,409	130	58,345	53,080	6,151	519	16,078	12,440	770	17,122	5,265	2,169	10.27	5.239	5.501	
1945 monthly average ..	10,150	149	47,777	43,635	4,816	523	13,974	10,068	663	13,590	4,143	2,330	10.49	5.356	5.629	
1946 monthly average ..	6,382	115	46,907	44,047	5,321	692	13,550	8,594	743	15,147	2,859	3,433	10.95	5.775	6.017	
1947																
January.....	12,945	77	49,688	46,522	5,919	861	13,208	7,673	909	17,952	3,166	3,201	^{111.82}	6.230	6.514	
February.....	12,544	91	47,867	45,736	6,645	881	13,453	7,682	985	16,090	2,131	3,192	^{111.97}	6.243	6.534	
March.....	10,969	125	49,033	46,906	7,517	929	14,059	8,262	1,162	14,977	2,127	4,164	^{111.99}	6.265	6.540	
April.....	6,494	150	42,419	40,298	5,417	896	13,300	7,579	1,046	12,060	2,121	4,567	^{122.00}	6.347	6.577	
May.....	5,845	200	50,218	47,312	6,454	987	15,190	8,221	1,153	15,307	2,906	7,562	^{122.09}	6.357	6.581	
June.....	6,324	177	49,778	46,384	7,096	1,079	16,409	8,517	1,226	12,057	3,394	7,560	^{122.10}	6.382	6.588	
July.....	5,318	149	45,366	42,176	4,804	968	15,292	6,808	1,086	13,218	3,190	5,870	^{122.68}	7.126	7.342	
August.....	5,058	179	47,159	45,201	5,484	894	15,739	6,522	1,128	15,434	1,958	8,351	^{124.01}	7.424	7.642	
September.....	7,036	156	48,370	46,353	6,216	909	16,154	6,227	1,089	15,758	2,017	7,169	^{124.04}	7.454	7.657	
October.....	7,754	161	50,267	48,135	7,301	1,049	16,772	6,305	1,076	15,632	2,132	7,023	^{124.15}	7.528	7.798	
November.....	8,010	131	50,455	48,255	8,207	1,087	16,673	6,156	985	15,147	2,200	6,023	^{124.48}	7.549	7.889	
December.....	10,846	93	52,161	50,124	9,148	1,113	16,788	6,749	1,012	15,314	2,037	4,087	^{124.50}	7.575	7.922	
Monthly average.....	8,264	141	48,565	46,117	6,684	971	15,253	7,225	1,071	14,912	2,448	5,731	^{122.99}	6.873	7.132	
1948																
January.....	13,254	48	49,576	48,185	8,671	1,049	15,792	6,906	943	14,824	1,391	3,410	^{124.64}	7.695	8.031	
February.....	11,677	55	48,613	47,424	8,807	991	14,868	7,047	976	14,735	1,189	3,219	^{124.70}	7.710	8.090	
March.....	9,528	55	43,585	42,581	7,435	956	13,609	5,599	881	14,101	1,004	2,601	^{124.71}	^{126.784}	^{126.123}	
April.....	4,411	88	34,418	33,576	4,308	776	11,745	4,864	771	11,112	842	1,030	^{124.80}	^{127.728}	^{128.146}	
May.....	5,628	110	47,043	45,691	7,773	1,001	14,601	7,208	1,074	14,034	1,352	4,728	^{125.11}	^{127.864}	^{128.272}	
June.....	5,943	99	58,010	56,166	10,474	1,361	17,041	8,787	1,269	17,234	1,844	5,627	^{125.29}	^{127.882}	^{128.359}	
July.....	5,170	102	58,139	55,991	8,975	1,364	18,551	8,388	1,134	17,579	2,148	5,168	^{125.73}	^{128.321}	^{128.806}	
August.....	5,496	111	64,057	61,385	10,289	1,328	21,107	8,685	1,166	18,810	2,672	5,485	^{125.92}	^{128.379}	^{128.872}	
September.....	6,156	121	67,592	64,674	10,968	1,369	22,751	8,815	1,152	19,619	2,918	4,574	^{125.98}	^{128.403}	^{128.915}	
October.....	7,375	117	68,696	65,772	11,348	1,354	23,875	9,099	1,066	19,030	2,924	4,202	^{125.99}	^{128.403}	^{129.199}	
November.....	6,210	100	69,578	66,499	11,464	1,377	24,894	9,153	1,019	18,592	3,079	3,570	^{125.99}	^{128.395}	^{129.211}	
December.....	8,899	51	69,373	66,667	12,104	1,291	24,812	9,411	1,052	17,997	2,706	2,316	^{125.96}	^{128.756}	^{129.250}	
Monthly average.....	7,479	88	56,557	54,551	9,385	1,185	18,637	7,830	1,042	16,472	2,006	3,828	^{125.40}	(¹⁴)	(¹⁴)	
1949																
January.....	9,477	32	67,795	65,552	12,481	1,184	24,150	9,551	1,017	17,169	2,243	2,083	^{125.99}	8.816	9.276	
February.....	8,567	46	68,834	66,927	13,759	1,103	24,120	9,861	1,121	16,963	1,907	2,021	^{126.04}	8.832	9.303	
March.....	9,784	49	60,511	59,048	11,452	984	22,127	8,908	1,023	14,554	1,463	2,016	^{126.04}	8.778	9.237	
April.....	6,131	99	65,164	63,066	12,914	1,105	23,499	9,296	1,160	15,092	2,098	3,752	^{125.84}	8.570	9.029	
May.....	5,046	118	72,755	70,273	15,870	1,433	25,444	9,701	1,360	16,465	2,482	4,827	^{125.51}	8.539	8.921	
June.....	5,717	114	74,161	71,351	15,747	1,614	25,607	9,818	1,376	17,189	2,810	4,349	^{125.52}	8.518	8.929	
July.....	4,042	87	69,119	66,399	13,896	1,469	25,062	8,669	1,214	16,089	2,720	1,923	^{125.53}	8.531	8.945	
August.....	5,586	85	68,621	65,776	13,604	1,454	25,458	8,196	1,152	15,912	2,845	2,267	^{125.54}	8.515	8.964	
September.....	9,245	78	62,064	59,990	11,903	1,422	24,142	6,680	1,029	14,814	2,074	1,806	^{125.69}	8.580	9.060	
October.....	6,499	54	47,165	45,755	9,946	1,018	19,706	4,170	916	9,999	1,410	282	^{125.89}	^{128.640}	^{129.358}	
November.....	2,605	71	45,804	44,359	10,060	1,001	18,508	4,094	907	9,789	1,445	1,101	^{126.10}	8.667	9.463	
December.....	11,600	39	45,111	43,721	9,893	1,063	17,794	3,849	912	10,210	1,390	1,415	^{126.32}	8.711	9.574	
Monthly average.....	7,525	73	62,259	60,185	12,627	1,238	22,968	7,733	1,099	14,520	2,074	2,320	^{125.83}	(¹⁴)	(¹⁴)	
1950																
January.....	11,136	14	37,119	36,038	7,087	877	15,066	3,010	748	9,250	1,081	557	^{126.47}	8.767	9.732	
February.....	8,864	12	24,583	24,118	3,449	528	11,055	2,093	453	6,540	465	197	^{126.51}	8.795	9.766	
March.....	10,025	19	28,054	26,893	4,848	553	11,167	2,755	500	7,070	1,161	776	^{126.67}	8.861	9.855	
April.....	6,576	45	37,590	36,047	7,491	668	13,820	2,902	695	10,471	1,543	2,108	^{126.63}	^{128.756}	^{129.456}	
May.....	4,380	85	44,795	42,840	9,572	771	16,774	3,113	841	11,769	1,955	3,072	^{126.16}	8.729	9.403	
June.....	4,485	82	51,376	49,198	11,280	902	19,505	3,802	951	12,758	2,178	2,657	^{126.09}	8.707	9.394	
July.....	5,238	88	51,979	49,751	10,395	944	20,581	3,238	891	13,702	2,228	2,728	^{126.12}	8.689	9.380	
August.....	7,118	78	58,964	56,620	12,353	1,089	22,925	3,746	928	15,579	2,344	2,956	^{126.31}	8.698	9.464	
September.....	6,755	87	64,293	61,836	13,964	1,181	24,940	3,646	968	17,137	2,457	2,923	^{126.47}	8.699	9.562	
October.....	5,985	84	70,478	67,714</												

PETROLEUM, COAL, AND PRODUCTS—COKE AND PETROLEUM

YEAR AND MONTH	COKE								CRUDE PETROLEUM				
	Production ¹			Stocks, end of month ¹				Exports ²	Price, beehive, Connells-ville (furnace) ³	Wells completed ⁴	Production ⁵	Refinery operations ⁵	Consumption (runs to stills) ⁵
	Beehive	Byproduct	Petroleum coke	Byproduct plants			Petroleum coke						
				Total	At furnace plants	At merchant plants							
Thousands of short tons									Dollars per short ton	Number	Thous. of bbl. ⁶	Pct. of capacity	Thous. of bbl. ⁶
1935 monthly average ..	76	2,852	122	2,971	1,185	1,786	409	51	3.567	1,259	83,050	72	80,483
1936 monthly average ..	142	3,714	115	1,753	610	1,144	385	56	3.676	1,483	91,641	78	89,048
1937 monthly average ..	264	4,101	109	1,922	745	1,177	380	44	4.384	1,845	106,597	83	98,620
1938 monthly average ..	70	2,638	134	3,287	1,332	1,955	571	41	3.967	1,536	101,196	78	97,085
1939 monthly average ..	120	3,574	139	2,850	1,000	1,851	694	49	4.091	1,457	105,414	82	103,153
1940 monthly average ..	255	4,501	127	1,931	818	1,113	622	67	4.555	1,594	112,768	82	107,847
1941 monthly average ..	559	4,874	137	1,516	821	695	368	59	5.851	1,600	116,852	87	117,433
1942 monthly average ..	690	5,191	112	1,497	938	559	206	70	6.012	877	115,554	79	111,175
1943 monthly average ..	661	5,312	116	989	669	320	315	83	6.481	810	125,468	85	119,145
1944 monthly average ..	581	5,589	150	886	582	304	150	72	7.000	1,086	139,825	93	138,807
1945 monthly average ..	434	5,175	169	891	550	341	152	123	7.298	1,191	142,805	93	143,295
1946 monthly average ..	381	4,494	177	863	548	315	109	103	8.053	1,321	144,495	95	144,183
1947													
January.....	594	5,651	203	797	523	274	94	49	8.812	1,368	144,823	94	146,897
February.....	538	5,159	178	716	527	189	77	38	8.875	1,201	134,696	95	134,953
March.....	606	5,691	209	676	504	172	91	69	8.875	1,330	152,178	94	150,120
April.....	446	5,414	195	652	460	191	89	76	9.062	1,252	149,410	94	141,210
May.....	612	5,562	218	671	445	226	84	66	9.125	1,618	156,055	95	153,348
June.....	471	5,353	201	668	400	268	89	63	9.562	1,470	153,058	97	153,604
July.....	437	5,403	224	773	458	315	86	66	11.000	1,683	159,366	98	161,844
August.....	589	5,665	200	982	544	438	110	77	12.000	1,818	160,448	98	163,068
September.....	594	5,427	192	1,029	509	520	95	60	12.000	1,527	157,665	99	159,771
October.....	627	5,833	210	1,063	513	550	97	118	12.125	1,763	165,032	97	162,854
November.....	560	5,683	175	1,151	589	562	83	76	12.250	1,559	158,701	98	158,719
December.....	614	5,920	210	1,020	511	509	69	77	12.250	1,410	165,555	98	165,858
Monthly average.....	557	5,563	201	850	499	351	89	70	10.500	1,500	154,749	96	154,354
1948													
January.....	616	5,887	204	912	554	358	67	60	12.500	1,786	164,098	96	165,796
February.....	548	5,535	203	807	618	190	79	59	12.500	1,418	155,577	93	156,014
March.....	332	5,667	242	716	587	128	66	67	12.500	1,665	167,868	92	167,007
April.....	249	4,508	225	646	533	113	69	37	12.500	1,701	164,726	95	166,198
May.....	599	5,746	217	802	644	158	83	81	12.900	1,870	170,705	97	175,705
June.....	561	5,617	256	856	641	215	91	67	13.000	1,859	166,448	96	168,952
July.....	453	5,738	259	940	652	287	100	51	13.250	2,129	171,369	96	174,546
August.....	640	5,874	259	1,123	716	407	111	82	14.375	1,957	173,015	96	174,242
September.....	617	5,789	246	1,287	819	468	109	73	14.500	2,176	163,244	92	161,280
October.....	652	5,992	249	1,474	986	489	115	46	14.500	2,024	174,972	95	173,429
November.....	640	5,833	259	1,589	1,059	530	117	46	14.500	1,964	170,777	97	170,166
December.....	670	6,100	279	1,561	1,073	488	129	38	14.500	2,036	177,386	98	177,706
Monthly average.....	548	5,690	242	1,059	740	319	95	59	13.447	1,882	168,349	95	169,253
1949													
January.....	660	6,089	288	1,541	1,113	428	154	39	14.500	1,804	167,016	94	175,295
February.....	639	5,487	253	1,504	1,122	382	158	32	14.500	1,414	150,682	90	153,440
March.....	448	5,970	276	1,313	952	361	174	42	14.500	1,816	162,399	87	165,919
April.....	640	5,774	261	1,474	1,015	458	198	34	14.450	1,753	150,343	84	154,223
May.....	536	5,814	323	1,748	1,182	566	227	53	14.250	1,805	154,250	85	161,053
June.....	265	5,260	282	1,705	1,077	629	228	79	13.812	2,133	147,283	84	154,539
July.....	23	4,926	302	1,906	1,077	830	241	63	13.250	1,803	145,530	85	160,088
August.....	46	5,155	304	2,027	1,054	973	250	38	13.250	1,847	148,356	85	162,162
September.....	30	4,968	267	1,926	973	952	236	43	13.250	1,984	148,286	86	162,429
October.....	8	1,731	293	2,120	1,227	893	217	59	13.250	1,826	155,469	86	166,568
November.....	35	3,495	280	2,017	1,200	817	160	30	13.250	1,980	156,496	84	158,782
December.....	85	5,553	264	1,717	992	725	140	36	13.250	1,877	155,830	88	169,723
Monthly average.....	285	5,019	283	1,750	1,082	668	199	46	13.788	1,837	153,495	87	162,018
1950													
January.....	124	5,358	291	1,281	807	474	149	29	13.250	1,808	152,590	86	169,987
February.....	38	3,956	259	655	448	207	155	24	13.250	1,664	139,073	84	148,837
March.....	302	4,979	254	550	448	102	112	22	13.850	2,017	151,213	85	165,418
April.....	494	5,663	246	700	581	119	117	29	14.250	1,896	149,052	82	155,797
May.....	529	5,868	296	718	611	108	133	32	14.250	1,974	159,441	90	171,599
June.....	581	5,657	304	724	612	111	129	22	14.250	2,334	161,332	88	169,663
July.....	501	5,868	318	818	642	176	125	39	14.250	2,200	170,017	91	182,330
August.....	653	5,765	315	827	599	228	101	34	14.250	2,276	175,594	94	188,078
September.....	592	5,671	283	855	584	271	104	37	14.250	2,023	176,636	94	181,778
October.....	644	6,006	289	984	661	323	85	41	14.250	2,019	182,896	94	188,393
November.....	578	5,666	288	1,102	752	351	74	46	14.250	2,211	176,725	93	182,539
December.....	626	5,981	301	1,106	813	293	82	42	14.625	2,008	177,276	94	190,448
Monthly average.....	472	5,536	287	860	630	230	114	33	14.086	2,036	164,320	90	174,572

For footnotes giving source of data and description of series, see pp. 277, 278.

PETROLEUM, COAL, AND PRODUCTS—CRUDE PETROLEUM AND REFINED PETROLEUM PRODUCTS

YEAR AND MONTH	CRUDE PETROLEUM								REFINED PETROLEUM PRODUCTS						
	Stocks, end of month ¹								Fuel oil						
	Gasoline-bearing in U.S.				Heavy in California	Exports ²	Imports ²	Price (Oklahoma-Kansas) at wells ³	Production ⁴		Domestic demand ⁵		Consumption by type of consumer		
	Total	At refineries	At tank farms and in pipelines	On leases					Distillate	Residual	Distillate	Residual	Electric-power plants ⁶	Railways (class I) ⁷	Vessels (bunker oil) ⁸
Thousands of barrels ⁹								Dol. per barrel ¹⁰	Thousands of barrels ⁹						
1935 monthly average ..	329,337	63,019	256,819	9,499	.....	4,286	2,695	1.000	8,353	21,652	107,169	1023,391	11938	3,448	2,525
1936 monthly average ..	304,632	1249,140	12244,762	10,730	.....	4,193	2,746	1.098	10,492	23,997	8,563	25,657	11,173	4,068	2,784
1937 monthly average ..	304,296	52,176	240,722	11,399	(12)	5,594	2,276	1.211	12,226	26,005	9,737	27,126	11,152	4,453	3,141
1938 monthly average ..	14292,467	52,224	14228,267	11,977	16,788	6,438	2,171	1.178	12,648	24,574	9,787	24,319	11,079	3,880	3,005
1939 monthly average ..	15259,091	50,384	15196,658	12,049	14,684	6,005	2,842	1.020	13,479	25,495	1011,248	1026,957	11,428	4,073	3,086
1940 monthly average ..	258,971	52,996	193,952	12,023	12,956	4,291	3,590	1.020	15,275	26,352	13,404	28,347	11,360	4,394	2,920
1941 monthly average ..	256,178	51,424	192,851	11,903	10,944	172,874	4,336	1.119	15,765	28,531	14,402	31,952	11,673	5,327	2,533
1942 monthly average ..	248,477	47,367	187,993	13,116	10,940	2,963	1,128	1.170	16,393	29,908	15,472	33,808	11,270	6,942	2,118
1943 monthly average ..	240,445	47,359	179,348	13,738	9,621	3,609	1,150	1.170	17,626	34,776	17,343	38,917	11,499	7,948	3,991
1944 monthly average ..	18229,673	49,388	166,691	1813,594	196,420	2,900	3,737	1.170	19,929	38,455	17,443	42,668	11,739	8,144	5,985
1945 monthly average ..	20220,213	50,929	153,847	14,437	5,056	2,946	6,177	1.170	20,769	39,124	18,840	43,619	1,686	7,958	6,860
1946 monthly average ..	223,608	53,646	155,064	14,898	5,001	3,548	7,292	1.367	23,991	35,947	20,241	40,002	3,026	6,976	5,208
1947															
January.....	223,848	55,833	152,988	15,027	5,584	2,481	8,956	1.620	24,131	36,390	35,298	48,299	4,419	7,468	5,818
February.....	225,121	57,106	153,160	14,855	5,790	2,585	8,172	1.620	21,746	34,390	31,687	43,308	3,672	6,538	5,710
March.....	228,981	59,310	154,637	15,034	5,999	3,257	8,916	1.800	25,577	37,876	29,279	45,852	3,569	7,138	6,164
April.....	235,710	60,386	160,484	14,840	5,953	3,999	7,846	1.870	22,925	34,438	21,321	42,140	3,449	6,675	6,132
May.....	237,768	59,013	163,740	15,015	5,825	4,789	8,361	1.870	24,954	37,328	19,262	40,057	3,259	6,653	6,470
June.....	237,278	59,160	162,784	15,334	5,429	3,758	7,762	1.870	24,214	36,977	16,977	38,188	3,291	6,564	6,080
July.....	230,974	56,656	159,556	14,762	5,208	5,184	8,033	1.870	26,270	38,550	16,355	40,412	3,732	6,714	6,371
August.....	228,523	57,136	156,241	15,146	5,320	4,139	7,919	1.870	26,946	38,592	16,093	39,864	3,833	6,650	6,676
September.....	225,258	54,050	156,276	14,932	5,194	4,087	8,591	1.870	27,325	37,098	19,414	40,678	3,915	6,506	5,948
October.....	226,666	53,849	157,853	14,964	5,275	3,712	7,907	1.980	29,072	39,066	23,106	43,995	4,039	6,941	5,901
November.....	225,462	53,660	156,224	15,578	5,623	3,844	7,512	2.070	28,254	37,344	28,997	43,532	3,845	7,004	5,382
December.....	224,929	52,864	156,726	15,339	5,725	4,520	9,308	2.490	30,759	39,746	40,484	52,185	4,287	7,141	5,419
Monthly average.....	229,210	56,585	157,556	15,069	5,577	3,863	8,274	1.900	26,014	37,316	24,856	43,209	3,776	6,833	6,006
1948															
January.....	223,430	53,891	153,378	16,161	6,412	2,992	8,539	2.570	33,539	39,606	42,250	48,679	4,430	6,661	5,182
February.....	224,880	54,572	154,233	16,075	6,539	2,626	7,638	2.570	32,688	37,542	38,747	45,463	3,956	6,188	5,603
March.....	227,408	58,989	152,758	15,661	6,756	3,138	9,632	2.570	32,548	40,523	33,779	47,752	4,208	6,409	5,819
April.....	227,278	60,807	150,787	15,684	7,228	3,538	9,271	2.570	29,352	39,104	25,505	42,791	3,569	5,995	5,453
May.....	223,820	58,751	148,890	16,179	7,498	3,362	9,144	2.570	30,764	40,732	22,910	39,717	2,935	5,824	5,348
June.....	223,481	58,790	148,469	16,222	7,931	3,419	11,427	2.570	29,930	38,387	20,896	38,987	3,085	5,878	5,685
July.....	223,124	57,872	148,994	16,258	7,831	3,661	10,804	2.570	30,820	39,177	18,323	38,255	3,236	6,026	5,767
August.....	224,211	57,684	150,238	16,289	7,743	3,974	10,555	2.570	32,190	38,673	20,210	38,425	3,132	5,889	5,599
September.....	228,401	58,827	153,244	16,330	8,901	3,362	11,931	2.570	28,960	34,493	20,443	35,026	2,922	5,620	4,176
October.....	234,615	60,821	156,839	16,955	9,357	3,404	11,561	2.570	33,140	39,313	25,612	38,807	3,267	6,171	4,386
November.....	240,260	60,806	162,885	16,569	9,983	3,192	13,885	2.570	32,434	38,315	30,645	39,108	3,571	5,761	3,734
December.....	246,572	60,969	169,508	16,095	10,055	3,068	14,166	2.570	34,335	40,452	41,256	47,533	4,334	5,733	5,805
Monthly average.....	228,957	58,565	154,185	16,207	8,020	3,311	10,713	2.570	31,725	38,860	28,381	41,712	3,554	6,013	5,213
1949															
January.....	21258,648	2165,095	2176,496	2117,057	(21)	2,127	14,683	2.570	2233,108	2241,999	41,661	48,097	5,403	5,380	4,933
February.....	265,216	66,317	182,423	16,476	(21)	1,942	12,788	2.570	28,192	35,904	34,976	42,911	4,613	4,687	4,615
March.....	269,341	66,203	187,034	16,104	(21)	1,866	11,275	2.570	29,013	39,195	32,589	44,543	4,598	4,906	5,368
April.....	272,520	68,331	188,152	16,037	(21)	3,655	12,013	2.570	25,482	34,591	22,157	38,175	3,899	4,366	5,355
May.....	273,912	66,799	190,868	16,245	(21)	2,872	12,522	2.570	25,311	35,553	17,792	35,760	4,135	4,513	5,065
June.....	274,691	64,040	194,685	15,966	(21)	3,071	12,550	2.570	23,294	31,155	16,664	34,814	4,996	4,577	5,357
July.....	267,586	62,793	188,383	16,410	(21)	2,866	12,704	2.570	26,141	32,043	19,061	35,583	5,476	4,329	4,672
August.....	260,585	60,760	183,849	15,976	(21)	3,403	11,647	2.570	28,390	33,183	23,276	38,050	5,440	4,177	4,841
September.....	251,689	58,244	177,571	15,874	(21)	2,619	11,964	2.570	29,999	33,231	22,430	39,675	5,807	4,183	4,780
October.....	250,809	58,653	175,984	16,172	(21)	2,916	14,998	2.570	31,024	35,361	23,141	41,130	6,642	4,755	4,257
November.....	256,010	59,835	180,086	16,089	(21)	3,010	13,699	2.570	28,871	35,411	30,772	45,816	7,318	4,377	4,199
December.....	253,356	60,405	177,049	15,902	(21)	2,722	13,878	2.570	32,000	37,283	44,759	51,467	7,976	4,333	4,384
Monthly average.....	262,864	63,123	183,548	16,192	(21)	2,756	12,893	2.570	28,402	35,409	27,440	41,335	5,525	4,549	4,819
1950															
January.....	246,610	61,195	169,217	16,198	(21)	2,130	16,434	2.570	32,489	37,491	43,406	51,334	7,804	4,035	4,289
February.....	243,750	59,965	167,916	15,869	(21)	2,328	11,891	2.570	28,729	32,818	39,484	47,281	7,462	3,791	4,169
March.....	241,230	60,647	164,663	15,920	(21)	2,153	14,924	2.570	29,070	35,768	42,604	52,085	7,868	4,033	5,088
April.....	244,605	62,647	165,373	16,585	(21)	2,968	13,960	2.570	29,301	31,426	28,806	42,906	5,319	3,543	5,064
May.....	239,877	62,944	160,751	16,182	(21)	2,946	13,731	2.570	30,920	32,954	25,123	41,955	5,673	3,833	4,713
June.....	242,287	63,639	162,506	16,142	(21)	3,095	14,359	2.570	31,112	32,058	19,705	39,055	5,275	4,117	5,039
July.....	240,270	62,845	160,254	17,171	(21)	3,274	13,575	2.570	32,253	35,338	23,864	40,743	5,324	4,029	4,477
August.....	237,393	61,247	159,357	16,789	(21)	3,096	15,307	2.570	33,765	35,585	26,785	44,762	6,043	4,284	5,422
September.....	242,311	60,884	164,303	17,124	(21)	2,654	14,607	2.570	35,392	35,343	24,864	42,668	5,899	4,117	4,772
October.....	246,424	61,993	167,490	16,941	(2										

PETROLEUM, COAL, AND PRODUCTS—REFINED PETROLEUM PRODUCTS—Continued

YEAR AND MONTH	FUEL OIL						KEROSENE					LUBRICANTS								
	Stocks, end of month ¹		Exports ²		Prices, wholesale		Production ⁵	Domestic demand ⁵	Stocks, end of month ⁴	Ex-ports ²	Price, whole-sale, bulk lots (New York Harbor) ⁷	Production ⁵	Domestic demand ⁵	Stocks, refinery, end of month ⁶	Ex-ports ²	Price, whole-sale, bright stock (midcontinent, f.o.b. Tulsa) ⁸				
	Distil-late	Resid-ual	Distil-late	Resid-ual	Distil-late (New York Harbor, No. 2 fuel) ³	Residual (Oklahoma, No. 6 fuel) ⁴											Dollars per gal.	Dollars per bbl.	Thousands of barrels ⁹	Dollars per gal.
1935 monthly average ..	20,225	84,504	1,220	950	0.042	0.480	4,651	3,970	7,979	539	0.052	2,321	1,638	6,903	700	0.150				
1936 monthly average ..	22,104	83,255	1,554	1,080	.043	.551	4,674	4,286	7,045	559	.047	2,577	1,860	6,868	717	.177				
1937 monthly average ..	22,012	85,010	2,418	1,068	.050	.695	5,442	4,581	6,934	722	.059	2,943	1,944	10,741	903	.186				
1938 monthly average ..	25,554	95,190	2,358	1,295	.044	.401	5,382	4,697	8,334	605	.051	2,569	1,769	8,020	777	.148				
1939 monthly average ..	¹¹ 32,991	¹¹ 97,495	2,552	1,248	.041	.394	5,710	5,042	7,722	666	.046	2,920	1,976	7,332	981	.165				
1940 monthly average ..	36,081	91,424	1,464	990	.047	.531	6,157	5,731	7,393	262	.054	3,064	2,058	8,238	861	.174				
1941 monthly average ..	¹² 42,492	¹² 82,216	1,245	861	.048	.757	6,049	5,789	9,484	249	.052	3,295	2,521	7,907	783	.184				
1942 monthly average ..	¹³ 39,009	¹³ 68,949	1,686	724	.052	.821	5,623	5,814	¹⁸ 10,398	208	.062	3,219	2,421	8,905	664	.230				
1943 monthly average ..	36,798	56,432	1,891	1,117	.052	(¹⁷)	6,023	5,717	8,301	370	.070	3,223	2,622	8,682	712	.230				
1944 monthly average ..	37,688	49,802	3,451	786	.052	(¹⁷)	6,529	5,984	10,492	389	.071	3,426	2,697	7,681	714	.230				
1945 monthly average ..	35,428	38,988	2,641	596	.052	.900	6,752	6,298	10,270	494	.066	3,489	2,945	7,185	536	.230				
1946 monthly average ..	45,613	43,355	2,267	484	.059	1.105	8,699	7,424	15,018	681	.064	3,804	2,908	7,543	910	.239				
1947																				
January.....	48,197	41,550	872	733	.062	1.330	9,415	12,325	13,732	394	.070	4,204	2,879	7,773	1,105	.270				
February.....	36,901	38,480	1,751	713	.060	1.369	9,243	10,533	11,493	929	.068	3,925	2,684	7,753	1,254	.270				
March.....	31,423	37,403	2,093	672	.063	1.524	9,476	10,079	9,811	1,017	.072	4,480	2,929	8,015	1,273	.275				
April.....	30,268	36,455	2,766	635	.068	1.640	8,854	8,082	9,625	889	.078	4,267	3,066	7,936	1,259	.290				
May.....	34,279	39,992	2,189	593	.068	1.758	9,284	6,068	12,609	202	.078	4,608	3,104	8,070	1,361	.290				
June.....	39,676	43,516	2,088	728	.068	1.900	8,717	5,910	14,653	711	.078	4,427	2,873	8,281	1,338	.290				
July.....	46,444	47,600	2,987	600	.068	1.900	9,117	5,348	17,651	746	.078	4,227	3,003	8,188	1,300	.290				
August.....	54,707	51,334	3,019	781	.068	1.900	8,970	5,447	20,824	313	.078	4,400	3,051	8,420	1,105	.290				
September.....	59,764	52,578	2,990	821	.068	1.976	8,547	6,580	22,276	476	.078	4,047	3,219	8,340	895	.290				
October.....	63,252	52,502	3,068	797	.068	2.000	9,308	8,163	22,750	578	.078	4,350	3,437	8,157	1,081	.290				
November.....	61,334	52,455	1,376	410	.075	2.000	9,352	11,070	20,626	372	.085	4,264	2,911	8,531	961	.310				
December.....	51,081	47,091	780	598	.078	2.364	10,129	12,914	17,722	59	.088	4,566	3,325	8,624	1,131	.319				
Monthly average.....	46,444	45,080	2,165	673	.068	1.805	9,201	8,543	16,148	557	.078	4,314	3,040	8,174	1,172	.290				
1948																				
January.....	41,036	44,636	1,520	328	.092	2.500	10,697	16,198	11,993	216	.100	4,287	3,021	¹⁸ 7,892	1,028	.330				
February.....	34,590	43,156	942	598	.094	2.500	11,030	12,608	10,287	69	.103	4,132	2,993	7,829	1,143	.330				
March.....	32,214	41,945	1,222	740	.094	2.500	11,262	10,881	10,464	272	.103	4,404	3,192	7,961	1,032	.330				
April.....	34,514	43,301	1,608	947	.094	2.500	10,236	7,807	12,795	54	.103	4,308	3,057	8,022	1,139	.330				
May.....	40,781	48,788	2,222	790	.094	2.500	9,973	6,508	15,711	474	.103	4,500	2,923	8,411	1,142	.330				
June.....	48,352	52,465	2,007	607	.094	2.500	9,383	6,351	18,480	220	.103	4,065	2,972	8,166	1,979	.330				
July.....	58,725	58,431	2,261	1,058	.094	2.434	9,442	6,561	20,958	362	.103	4,135	2,773	8,350	1,134	.330				
August.....	68,818	60,096	2,016	1,238	.094	2.118	9,180	6,193	23,564	333	.103	4,341	2,928	8,747	969	.330				
September.....	76,320	68,005	1,193	693	.094	1.800	9,288	6,375	26,177	232	.103	4,121	2,818	8,884	1,135	.323				
October.....	82,920	72,363	1,266	881	.094	1.779	9,663	9,411	26,283	113	.103	4,580	3,150	9,306	971	.310				
November.....	83,909	77,033	1,134	642	.093	1.586	10,848	10,928	25,829	297	.103	4,175	3,210	9,512	731	.310				
December.....	76,001	76,970	1,153	821	.091	1.428	10,912	12,399	24,056	246	.103	4,368	2,946	9,843	1,142	.266				
Monthly average.....	56,515	57,599	1,545	779	.094	2.179	10,160	9,352	18,883	241	.103	4,285	2,999	8,577	1,129	.321				
1949																				
January.....	¹⁹ 61,729	¹⁹ 62,585	1,376	774	.091	1.350	10,538	12,963	¹⁹ 21,261	189	.103	4,193	2,597	10,326	1,068	.260				
February.....	53,937	59,398	1,121	562	.088	1.150	8,789	10,592	18,953	489	.103	3,638	2,196	10,856	862	.220				
March.....	48,923	58,190	1,344	809	.084	1.100	8,974	9,913	17,801	118	.098	3,698	2,426	10,931	1,138	.210				
April.....	51,231	59,668	1,108	514	.078	.900	8,166	6,605	19,052	258	.091	3,457	2,713	10,588	1,031	.195				
May.....	58,381	63,576	711	1,019	.074	.750	7,361	4,577	21,546	181	.084	3,606	2,752	10,089	1,301	.186				
June.....	64,730	64,628	656	608	.075	.650	6,715	4,531	23,648	45	.084	3,804	3,023	9,922	898	.170				
July.....	71,553	66,084	453	730	.075	.600	6,974	5,676	24,826	79	.084	3,554	2,699	9,731	998	.170				
August.....	76,037	66,843	769	599	.076	.800	7,175	6,315	25,490	111	.084	3,510	3,111	8,962	1,115	.170				
September.....	83,213	67,117	627	514	.084	.712	8,093	6,799	26,650	93	.088	3,729	3,026	8,734	886	.170				
October.....	90,643	68,673	750	817	.085	.840	9,339	8,269	27,609	43	.090	4,116	2,929	8,894	976	.170				
November.....	88,212	65,112	666	852	.080	.800	9,273	11,454	25,267	118	.086	3,984	2,982	9,109	754	.170				
December.....	75,207	60,193	430	751	.082	.950	10,755	14,978	20,888	97	.088	4,100	2,647	9,219	1,291	.170				
Monthly average.....	68,650	63,506	834	712	.081	.888	8,513	8,556	22,749	152	.089	3,782	2,758	9,780	1,027	.189				
1950																				
January.....	²⁰ 63,932	55,808	649	843	.082	1.190	11,140	13,906	18,260	68	.093	3,932	2,846	9,323	940	.170				
February.....	52,206	47,828	1,036	644	.078	1.388	9,469	11,413	16,126	89	.090	3,587	2,368	9,341	1,150	.170				
March.....	37,777	41,860	1,001	1,193	.078	1.438	10,100	12,939	13,001	213	.089	4,086	3,271	8,989	1,110	.170				
April.....	37,530	39,979	863	958	.077	1.488	8,848	8,371	13,383	39	.089	3,645	2,544	8,787	1,250	.170				
May.....	42,739	39,482	714	861	.078	1.590	9,790	5,700	17,304	71	.090	4,039	3,346	8,280	1,160	.181				
June.....	53,679	40,124	626	1,398	.081	1.625	8,477	4,629	21,117	26	.092	4,002	3,588	7,736	910	.172				
July.....	61,664	42,165	1,011	935	.081	1.620	9,091	6,926	23,151	77	.092	4,151	3,339	7,427	²¹ 1,099	.199				
August.....	68,426	40,979	809	1,221	.082	1.650	9,828	7,035	25,803	61	.093	4,686	3,822	7,145	²¹ 1,101	.220				
September.....	78,270	41,966	916	802	.086	1.650	9,989	7,920	27,677	113	.096	4,646	3,511	6,950	²¹ 1,281	.255				
October.....	85,643	45,004	1,124	632	.088	1.650	10,264													

PETROLEUM, COAL, AND PRODUCTS—REFINED PETROLEUM PRODUCTS—Continued

YEAR AND MONTH	MOTOR FUEL													
	All types													
	Production ¹					Stocks, gasoline, end of month ²					Prices, gasoline			
	Total	Gasoline and naphtha from crude petroleum	Natural gasoline and allied products		Domestic demand ²	Finished gasoline		Unfinished gasoline	Natural gasoline and allied products	Exports ⁴	Wholesale		Retail, service stations, 50 cities ⁷	
			Total	Sales of l.p.g. and transfers of cycle products		Total	At refineries				Refinery (Oklahoma) ⁵	Tank wagon (N.Y.) ⁶		
	Thousands of barrels ³													
	Dollars per gallon													
1935 monthly average ..	39,002	35,568	3,434	.....	2,585	36,234	51,876	32,333	5,890	5,051	2,412	0.053	0.090	0.136
1936 monthly average ..	43,022	39,250	3,773	.....	2,818	40,134	58,379	37,880	6,703	4,872	2,230	.059	.087	.141
1937 monthly average ..	47,644	43,313	4,331	.....	3,282	43,279	66,562	43,857	7,219	5,527	3,022	.058	.092	.146
1938 monthly average ..	47,430	43,004	4,426	.....	3,330	43,584	73,177	47,750	6,516	6,360	3,996	.050	.087	.140
1939 monthly average ..	50,920	46,408	4,512	.....	3,400	46,292	74,158	48,639	5,692	5,525	3,529	.048	.080	.133
1940 monthly average ..	51,391	46,486	4,906	.....	3,424	49,124	84,183	57,673	6,630	6,246	1,906	.046	.076	.126
1941 monthly average ..	58,441	51,940	7,024	523	3,985	55,625	81,954	53,832	7,355	5,436	2,025	.055	.087	.135
1942 monthly average ..	50,742	44,198	7,143	600	4,716	49,092	108,837	56,635	8,150	15,738	2,753	.058	.106	.145
1943 monthly average ..	50,682	44,269	7,510	1,097	5,100	47,353	69,259	48,673	10,247	4,972	4,033	.059	.106	.146
1944 monthly average ..	61,612	54,626	8,537	1,551	5,601	52,707	127,581	124,603	12,087	4,286	8,205	.060	.106	.146
1945 monthly average ..	66,516	58,678	9,574	1,736	5,860	58,028	77,551	50,106	10,534	194,398	7,169	.059	.102	.145
1946 monthly average ..	64,715	57,129	9,817	2,231	5,238	61,285	85,398	53,528	8,343	6,415	3,497	.061	.098	.148
1947														
January.....	65,961	58,560	10,725	3,324	5,859	57,114	90,300	57,066	9,323	4,794	2,892	.070	.106	.158
February.....	60,538	53,591	10,014	3,067	4,908	50,602	94,985	61,332	8,687	5,010	4,834	.070	.106	.159
March.....	66,758	59,069	11,106	3,417	5,271	60,005	96,952	63,089	8,727	5,265	4,091	.076	.112	.171
April.....	63,293	55,502	10,717	2,926	5,618	63,325	92,719	58,852	9,005	5,604	3,358	.080	.117	.171
May.....	68,532	60,681	10,389	2,538	5,300	70,862	86,727	54,752	8,482	5,566	3,480	.080	.117	.171
June.....	69,843	61,855	10,501	2,513	5,898	71,201	81,160	50,610	8,614	5,452	4,060	.080	.117	.171
July.....	73,491	65,200	11,016	2,725	6,176	73,438	77,069	47,929	8,934	5,269	4,015	.080	.119	.172
August.....	75,742	67,404	11,251	2,913	6,477	72,086	77,190	46,398	8,659	5,017	3,224	.083	.121	.174
September.....	72,959	64,744	11,117	2,902	6,513	71,399	75,882	45,567	8,478	4,456	3,084	.084	.121	.173
October.....	75,692	67,150	11,732	3,190	6,355	73,331	74,710	45,084	7,874	4,221	3,171	.085	.121	.178
November.....	72,053	63,623	11,943	3,513	6,323	64,146	78,669	46,529	8,882	4,266	3,673	.090	.123	.179
December.....	75,136	66,770	12,352	3,986	5,994	67,506	83,111	51,570	9,192	4,296	2,657	.099	.128	.194
Monthly average.....	70,000	62,012	11,072	3,085	5,891	66,251	84,123	52,398	8,738	4,935	3,545	.082	.118	.172
1948														
January.....	73,813	65,744	12,152	4,083	6,434	61,309	93,290	61,134	8,877	4,323	2,075	.105	.133	.194
February.....	67,520	59,964	11,470	3,914	5,695	56,489	102,235	68,604	8,764	4,673	1,426	.105	.133	.195
March.....	72,032	63,608	12,401	3,977	6,187	68,181	103,398	68,824	8,551	4,806	2,162	.105	.133	.195
April.....	74,213	65,834	11,806	3,427	6,058	72,219	101,280	64,553	8,549	5,305	3,190	.105	.133	.195
May.....	79,424	70,501	12,177	3,254	6,551	77,189	99,554	61,648	8,998	5,622	3,218	.105	.133	.195
June.....	78,547	69,883	11,652	2,988	5,979	78,048	96,221	56,231	8,297	6,077	2,977	.105	.133	.196
July.....	79,962	71,221	11,976	3,235	6,123	81,476	90,310	51,873	8,529	6,176	3,849	.105	.133	.196
August.....	80,711	71,964	12,263	3,516	6,535	80,348	87,187	49,152	8,258	6,308	2,982	.105	.133	.196
September.....	74,494	66,522	11,644	3,672	5,962	76,148	82,254	46,982	8,264	6,287	2,937	.105	.133	.196
October.....	79,463	70,579	12,939	4,055	6,617	75,181	83,969	47,708	8,457	6,173	2,444	.105	.133	.196
November.....	78,421	69,588	13,018	4,185	6,953	72,536	87,275	49,580	8,314	5,857	2,463	.105	.133	.197
December.....	83,323	74,341	13,581	4,599	7,143	72,146	95,481	55,051	8,275	5,579	2,975	.103	.133	.201
Monthly average.....	76,827	68,312	12,257	3,742	6,353	72,606	93,538	56,778	8,511	5,599	2,725	.105	.133	.196
1949														
January.....	80,821	72,310	13,064	4,553	6,497	63,125	108,544	65,341	8,394	6,217	3,501	.102	.136	.201
February.....	71,403	63,224	12,138	3,959	6,314	57,980	117,496	73,212	8,558	7,028	3,374	.100	.136	.201
March.....	79,066	69,984	12,847	3,765	6,577	73,282	118,822	74,706	8,621	7,405	3,406	.099	.136	.201
April.....	77,196	68,432	12,408	3,644	6,399	75,318	117,020	70,817	8,331	7,253	3,364	.099	.141	.204
May.....	82,205	72,905	12,543	3,243	7,241	81,665	113,164	65,988	8,438	7,418	3,668	.099	.141	.204
June.....	79,419	70,603	12,024	3,208	7,296	83,374	106,068	60,871	7,973	7,031	3,205	.100	.141	.204
July.....	82,964	73,740	12,502	3,278	7,269	82,129	103,867	58,740	7,350	7,668	1,913	.100	.141	.204
August.....	82,307	73,069	13,153	3,915	7,319	84,707	97,724	55,281	7,155	7,391	3,277	.100	.141	.204
September.....	80,382	71,046	13,365	4,029	7,470	80,832	94,445	53,727	7,354	7,607	2,271	.100	.141	.203
October.....	83,259	73,626	14,063	4,430	8,301	79,327	96,194	55,117	7,093	6,923	2,476	.100	.141	.203
November.....	79,805	70,369	14,359	4,923	7,449	76,346	97,173	54,200	7,534	7,141	1,809	.098	.140	.201
December.....	83,590	74,286	14,809	5,505	7,325	75,638	103,586	62,116	7,857	6,831	1,611	.098	.137	.201
Monthly average.....	80,201	71,133	13,106	4,038	7,121	76,143	106,175	62,510	7,888	7,159	2,823	.100	.139	.203
1950														
January.....	82,075	72,556	15,116	5,597	7,279	66,908	116,624	73,880	8,674	7,363	1,201	.097	.137	.200
February.....	73,549	64,685	13,608	4,744	6,773	63,366	124,177	81,457	8,619	8,098	1,575	.096	.137	.199
March.....	80,786	71,350	14,586	5,150	7,352	78,739	124,924	83,399	8,842	7,708	1,229	.095	.137	.197
April.....	77,606	68,254	14,016	4,664	6,984	80,348	119,584	76,591	8,473	7,950	1,921	.095	.138	.200
May.....	84,801	74,958	14,246	4,403	7,113	89,033	112,915	68,403	8,120	8,163	1,852	.098	.142	.201
June.....	85,181	75,128	14,254	4,201	7,321	90,170	106,026	61,771	8,048	8,151	1,431	.101	.142	.202
July.....	91,017	80,365	15,002	4,350	7,506	91,707	102,769	58,891	8,286	8,730	1,452	.102	.145	.205
August.....	92,710	82,367	15,449	5,106	8,510	94,537	99,423	56,743	7,644	8,667	997	.103	.147	.203
September.....	87,539	78,939	15,466	4,866	8,520	86,766	97,904	55,676	7,844	8,581	1,853	.104	.147	.201
October.....	90,917	79,815	16,476	5,374	9,302	89,126	97,844	55,560	7,920	8,226	1,823	.104	.147	.199
November.....	87,322	76,808	16,256	5,742	9,968	82,718	100,995	57,934	8,010	7,636	1,486	.104	.147	.202
December.....	90,945	80,229	17,241	6,525	9,011	81,063	108,669	64,276	8,100	7,355	1,109	.101	.147	.207
Monthly average.....	85,371	75,288	15,143	5,060	7,887	82,873	109,321	66,215	8,215	8,052	1,577	.100	.143	.201

For footnotes giving source of data and description of series, see pp. 280, 281.

PETROLEUM, COAL, AND PRODUCTS—REFINED PETROLEUM PRODUCTS AND ASPHALT PRODUCTS

YEAR AND MONTH	REFINED PETROLEUM PRODUCTS								ASPHALT PRODUCTS, SHIPMENTS						
	Motor fuel				Other products				Asphalt roofing ³					Asphalt sidings ³	Saturated felts ³
	Aviation gasoline ¹				Asphalt ²		Wax ²		Total	Roll roofing and cap sheet		Shingles, all types			
	Production		Stocks		Production	Stocks, refinery, end of month	Production	Stocks, refinery, end of month		Smooth-surfaced	Mineral-surfaced				
	Total	100-octane and above	Total	100-octane and above											
	Thousands of barrels ⁴												Short tons			Thousands of pounds		Thousands of squares
1935 monthly average ..	.....	.....	.....	.....	259,592	401,433	37,520	135,641	.....	.....	.....	.....	.....	.....	
1936 monthly average ..	.....	.....	.....	.....	322,400	428,900	39,410	117,797	2,920	.....	.....	.....	.....	.....	
1937 monthly average ..	.....	.....	.....	.....	348,500	500,300	43,470	117,563	2,712	.....	.....	.....	.....	.....	
1938 monthly average ..	.....	.....	.....	.....	361,783	579,875	36,283	138,142	3,135	.....	.....	.....	.....	.....	
1939 monthly average ..	⁹ 558	.....	³ 508	.....	412,850	573,000	38,710	104,496	3,007	⁶ 1,270	⁶ 898	⁶ 1,092	.....	.....	
1940 monthly average ..	1,228	.....	5,426	.....	445,558	621,400	42,770	104,483	2,852	1,096	772	984	.....	.....	
1941 monthly average ..	1,759	.....	7,260	.....	546,467	697,750	55,837	99,959	3,709	1,315	1,067	1,327	.....	.....	
1942 monthly average ..	4,544	2,307	9,037	2,499	524,708	528,775	58,380	76,090	4,747	1,898	1,452	1,397	.....	.....	
1943 monthly average ..	⁸ 852	⁵ 170	12,390	2,690	563,058	586,292	62,930	80,250	4,279	1,603	1,391	1,285	² 68	⁵ 28,417	
1944 monthly average ..	⁷ 16,365	¹¹ 344	13,322	3,888	583,008	681,492	67,270	91,257	4,074	1,361	1,195	1,518	346	26,074	
1945 monthly average ..	12,700	10,351	12,753	5,215	593,883	721,800	68,157	82,880	4,096	1,319	1,128	1,649	354	27,272	
1946 monthly average ..	2,118	445	4,859	1,707	680,467	798,433	70,070	81,573	5,072	1,618	1,143	2,311	413	24,674	
1947															
January.....	1,805	704	4,322	1,410	540,500	781,800	83,720	82,040	5,827	1,942	1,287	2,598	436	25,584	
February.....	1,943	713	4,293	1,374	532,400	888,200	81,760	85,120	5,300	1,886	1,162	2,252	421	25,482	
March.....	2,221	954	4,168	1,342	602,700	1,001,800	93,520	91,560	5,809	1,969	1,273	2,567	461	28,408	
April.....	2,446	566	4,692	1,381	606,700	1,028,500	80,080	85,680	6,097	1,997	1,326	2,775	440	30,277	
May.....	2,870	1,219	4,811	1,543	789,300	1,063,100	89,600	89,320	5,968	1,798	1,399	2,771	384	30,456	
June.....	3,003	1,353	4,847	1,671	823,800	1,000,500	78,120	88,200	5,806	1,747	1,368	2,691	334	32,758	
July.....	3,467	1,545	5,144	1,804	879,800	866,200	89,600	93,520	5,600	1,630	1,287	2,683	271	33,234	
August.....	3,664	2,061	5,480	1,968	987,500	71,650	66,080	87,920	5,672	1,590	1,332	2,750	283	35,456	
September.....	3,733	2,258	5,803	2,198	931,800	597,800	89,880	96,320	5,886	1,699	1,368	2,819	300	39,565	
October.....	3,449	2,121	5,919	2,338	901,100	540,700	80,080	91,000	6,640	1,908	1,529	3,203	353	42,637	
November.....	3,316	2,187	6,106	2,575	726,900	661,300	85,960	96,880	5,549	1,649	1,254	2,647	331	36,667	
December.....	3,379	2,186	6,064	2,422	638,500	731,100	96,320	98,280	5,686	1,736	1,285	2,665	356	37,470	
Monthly average.....	2,941	1,489	5,137	1,836	746,750	823,125	84,560	90,487	5,820	1,796	1,322	2,702	364	33,166	
1948															
January.....	3,443	2,385	6,557	2,712	587,500	⁸ 812,400	98,000	104,720	5,549	1,743	1,244	2,562	338	40,180	
February.....	3,044	1,825	7,186	2,964	551,800	925,800	82,320	103,320	5,121	1,611	1,132	2,378	329	37,633	
March.....	3,315	2,329	7,044	2,808	624,000	1,020,700	98,280	100,800	5,155	1,561	1,208	2,385	350	49,662	
April.....	4,088	2,945	7,359	3,266	676,900	1,082,900	92,960	108,920	4,946	1,405	1,056	2,484	251	55,316	
May.....	4,075	2,775	6,790	2,667	818,400	1,156,200	82,600	112,560	4,636	1,216	998	2,423	213	52,476	
June.....	4,115	2,943	6,469	2,614	911,100	1,048,000	86,240	122,920	5,220	1,281	1,083	2,856	205	54,772	
July.....	4,142	2,747	6,520	2,575	980,700	957,600	74,760	136,360	4,734	1,163	1,028	2,543	199	44,912	
August.....	4,476	3,190	6,641	2,913	1,062,200	798,900	74,760	148,680	5,259	1,271	1,153	2,835	234	44,474	
September.....	3,285	2,562	6,560	3,172	922,200	681,600	66,640	151,480	5,665	1,419	1,271	2,975	276	45,330	
October.....	3,603	2,864	6,224	3,001	938,000	685,100	73,640	154,560	5,715	1,454	1,366	2,894	320	44,403	
November.....	4,287	3,143	6,797	3,309	765,600	859,500	75,040	155,120	4,708	1,286	1,169	2,253	339	39,384	
December.....	4,373	3,713	6,068	2,603	601,500	1,028,500	78,960	154,280	3,231	935	860	1,437	226	29,500	
Monthly average.....	3,854	2,785	6,685	2,884	786,658	921,433	82,017	129,477	4,995	1,362	1,131	2,502	273	44,837	
1949															
January.....	4,157	3,297	¹⁰ 6,790	¹⁰ 3,170	556,400	1,224,200	77,560	151,760	2,636	791	715	1,130	189	27,428	
February.....	3,676	2,746	7,401	3,430	455,800	1,351,500	61,600	138,600	2,673	822	754	1,097	161	27,268	
March.....	3,805	3,078	7,056	3,123	526,700	1,445,800	76,720	136,640	3,338	920	780	1,637	187	32,121	
April.....	3,975	3,106	7,357	3,500	651,100	1,510,000	69,160	134,680	4,678	1,204	989	2,485	183	43,176	
May.....	3,951	3,125	6,852	3,088	798,900	1,500,000	72,520	140,560	4,219	1,002	907	2,309	168	36,180	
June.....	4,132	3,039	6,841	3,144	899,100	1,354,000	73,080	148,680	4,620	989	1,048	2,583	192	41,063	
July.....	3,614	2,735	6,584	3,156	934,000	1,247,100	64,120	148,400	4,289	997	999	2,294	184	40,148	
August.....	4,036	2,954	6,179	2,782	1,018,700	1,044,700	66,640	139,720	5,512	1,282	1,326	2,904	229	50,801	
September.....	3,718	2,805	6,171	2,817	952,200	830,000	72,800	125,160	5,964	1,434	1,455	3,075	276	51,281	
October.....	3,955	2,844	6,606	3,117	902,500	798,400	99,680	130,200	6,158	1,545	1,531	3,081	293	56,550	
November.....	3,848	2,529	6,822	2,902	684,700	790,400	71,960	126,000	5,206	1,284	1,270	2,652	261	55,413	
December.....	4,086	2,957	7,444	3,338	530,200	894,200	92,400	132,440	3,064	767	736	1,562	175	39,259	
Monthly average.....	3,913	2,935	6,842	3,131	742,525	1,165,858	74,853	137,737	4,363	1,086	1,042	2,234	208	41,724	
1950															
January.....	3,044	1,806	7,940	3,341	535,100	1,027,800	87,920	133,840	3,593	951	838	1,803	194	42,155	
February.....	2,670	1,834	8,026	3,316	458,700	1,140,000	101,860	144,760	3,308	834	786	1,689	173	35,838	
March.....	3,348	2,335	7,758	3,075	602,700	1,238,700	79,800	137,760	3,875	899	866	2,111	162	44,416	
April.....	3,137	2,728	7,446	3,252	669,800	1,326,500	102,200	140,000	4,519	994	969	2,555	124	46,550	
May.....	3,781	2,944	7,138	3,288	929,300	1,298,900	104,720	151,760	5,912	1,125	1,197	3,589	145	60,264	
June.....	3,954	2,859	6,593	3,023	1,043,800	1,155,300	98,840	158,480	6,246	1,201	1,251	3,793	141	63,313	
July.....	4,264	3,320	6,656	3,226	1,173,300	1,051,500	96,320	161,560	5,960	1,146	1,218	3,594	136	61,021	
August.....	4,896	4,152	6,133	3,260	1,246,000	790,000	113,960	151,760	7,044	1,372	1,481	4,191	176	64,922	
September.....	5,107	3,929	6,000	2,970	1,197,600	742,400	114,800	145,880	6,256	1,333	1,347	3,575	166	56,157	
October.....	5,604	4,247	6,579	3,256	1,140,200	670,200	107,240	135,240	6,744	1,553	1,528	3,663	209	59,937	
November.....	5,468	4,198	7,215	3,802	875,500	785,500	120,120	135,800	6,306	1,559	1,466	3,282	213	59,335	
December.....	5,909	4,883	7,220	3,744	717,100	962,400	122,080	141,120	5,262	1,410	1,168	2,684	171	56,481	
Monthly average.....	4,265	3,270	7,059	3,296	882,425	1,015,767	104,113	144,830	5,419	1,198	1,176	3,044	167	54,199	

For footnotes giving source of data and description of series, see p. 281.

PULP, PAPER, AND PRINTING—PULPWOOD, WASTE PAPER, AND WOOD PULP

YEAR AND MONTH	PULPWOOD AND WASTE PAPER						WOOD PULP ³					
	Pulpwood ¹			Waste paper ²			Production					
	Receipts	Con- sump- tion	Stocks, end of month	Receipts	Con- sump- tion	Stocks, end of month	Total, all grades	Sulphate		Sulphite		Soda
								Bleached	Un- bleached	Bleached	Un- bleached	
Thousands of cords (128 cu. ft.)						Short tons						
1935 monthly average ..	.....	636	.....	.....	.....	.....	399,098	10,622	111,691	78,718	52,912	32,170
1936 monthly average ..	.....	726	.....	.....	.....	.....	462,336	12,965	136,596	93,995	57,825	37,986
1937 monthly average ..	.....	866	.....	.....	.....	.....	547,743	17,929	160,328	112,389	65,965	42,296
1938 monthly average ..	.....	766	.....	.....	.....	.....	494,463	26,709	176,878	83,718	50,155	32,942
1939 monthly average ..	.....	901	.....	.....	363,855	.....	582,778	35,371	211,517	101,437	60,767	36,797
1940 monthly average ..	.....	1,145	.....	.....	388,959	.....	724,601	48,718	263,615	134,341	82,975	44,365
1941 monthly average ..	1,372	1,382	3,890	.....	⁴ 512,118	.....	834,221	68,592	308,625	141,928	101,304	39,995
1942 monthly average ..	1,428	1,440	3,638	.....	⁴ 457,913	.....	855,303	67,621	327,235	143,101	101,089	38,505
1943 monthly average ..	1,274	1,304	2,805	505,546	⁴ 530,655	384,374	754,434	62,432	290,545	129,433	73,609	34,906
1944 monthly average ..	1,417	1,396	3,079	580,636	⁴ 571,611	294,395	789,029	66,081	311,071	126,847	72,162	35,516
1945 monthly average ..	1,415	1,409	2,683	568,863	566,640	312,192	791,241	69,855	303,252	128,257	68,228	36,936
1946 monthly average ..	1,582	1,485	3,347	623,914	606,508	419,397	883,877	75,331	306,899	140,549	65,366	39,705
1947												
January.....	1,709	1,666	3,814	657,165	678,241	492,702	995,012	88,150	353,433	159,998	75,493	41,979
February.....	1,861	1,523	4,153	587,481	620,667	458,826	911,932	80,195	326,000	147,334	69,034	37,332
March.....	1,819	1,702	4,255	667,975	684,637	435,411	1,011,669	90,068	360,164	162,697	74,400	41,728
April.....	1,430	1,647	4,035	711,509	668,727	475,915	985,876	87,524	344,252	160,650	74,564	41,291
May.....	1,465	1,714	3,767	697,152	693,879	473,917	1,041,453	92,999	373,795	165,218	79,587	42,961
June.....	1,683	1,634	3,816	656,684	648,768	481,911	992,187	90,341	360,815	152,853	73,952	41,333
July.....	1,901	1,559	4,161	615,155	607,061	482,392	939,178	92,365	337,684	142,863	64,702	37,982
August.....	1,958	1,675	4,437	629,114	650,690	462,248	1,027,521	98,618	372,693	162,349	76,609	40,518
September.....	1,908	1,589	4,736	643,222	638,318	467,651	969,244	92,538	339,813	155,387	73,901	39,819
October.....	1,826	1,744	4,795	735,250	684,375	512,880	1,075,799	103,550	381,730	172,856	79,021	43,477
November.....	1,480	1,679	4,567	638,505	635,597	514,039	1,020,883	93,947	364,348	163,935	76,357	41,855
December.....	1,613	1,605	4,566	633,122	625,971	521,019	975,110	91,772	339,916	155,805	76,397	41,305
Monthly average.....	⁵ 1,718	⁵ 1,643	4,259	⁵ 656,330	⁵ 667,421	481,576	995,489	91,839	354,554	158,495	74,501	40,965
1948												
January.....	1,813	1,734	4,646	614,143	674,747	458,366	1,052,537	101,891	380,877	165,411	81,963	44,872
February.....	1,646	1,589	4,698	595,355	618,324	429,676	956,387	92,697	326,340	157,352	77,472	40,208
March.....	1,893	1,778	4,790	718,411	704,677	441,335	1,083,002	104,981	393,432	169,171	82,730	42,418
April.....	1,580	1,762	4,607	687,267	684,277	443,742	1,073,170	100,919	392,072	161,692	76,657	42,985
May.....	1,675	1,850	4,421	658,004	655,855	445,216	1,117,241	107,322	413,073	162,774	75,829	44,328
June.....	1,903	1,767	4,543	645,879	624,008	461,744	1,080,203	104,619	402,986	157,218	74,367	43,966
July.....	2,109	1,694	4,956	577,204	543,385	496,475	1,020,392	98,524	379,075	147,194	66,558	38,083
August.....	2,242	1,882	5,311	587,319	607,408	474,378	1,138,500	111,161	440,515	164,015	70,642	43,580
September.....	2,063	1,725	5,641	603,789	599,249	477,088	1,054,554	104,895	392,345	154,097	71,279	41,588
October.....	2,041	1,895	5,778	644,603	629,100	487,986	1,153,355	117,301	437,552	163,849	77,378	44,079
November.....	1,658	1,822	5,608	627,082	617,171	498,301	1,120,405	116,782	417,273	160,162	76,241	42,471
December.....	1,706	1,688	5,622	591,356	571,176	516,620	1,022,546	103,714	373,350	146,467	70,698	41,286
Monthly average.....	⁵ 1,861	⁵ 1,766	5,052	⁵ 633,795	⁵ 632,042	469,244	1,072,691	105,400	395,741	159,117	75,151	42,489
1949												
January.....	1,788	1,824	5,604	497,232	509,269	504,084	1,114,931	119,037	429,592	158,635	70,482	42,328
February.....	1,644	1,619	5,575	498,892	513,396	488,811	976,136	109,373	366,048	150,924	61,416	39,692
March.....	1,628	1,739	5,465	545,024	545,882	481,050	1,057,451	120,949	381,575	164,235	67,140	43,891
April.....	1,226	1,572	5,112	509,123	525,914	439,983	946,768	112,324	344,744	156,712	57,483	39,405
May.....	1,311	1,537	4,876	492,256	511,138	418,706	950,928	116,830	343,235	155,453	58,466	38,061
June.....	1,451	1,502	4,877	491,700	512,582	397,963	920,626	112,129	347,366	135,817	56,257	33,256
July.....	1,388	1,330	4,918	427,149	419,348	405,228	807,426	104,061	307,177	118,155	40,077	32,128
August.....	1,778	1,670	5,015	552,539	586,250	367,874	1,021,405	119,599	408,055	150,137	57,306	40,654
September.....	1,683	1,684	4,995	588,734	591,334	367,980	1,031,160	112,819	400,941	149,726	55,417	38,632
October.....	1,841	1,869	4,964	655,365	639,735	379,549	1,144,215	128,507	445,495	165,157	61,012	42,506
November.....	1,772	1,841	4,875	615,578	625,182	368,121	1,135,725	128,443	436,025	169,313	58,933	43,341
December.....	1,718	1,726	4,879	606,410	573,516	397,307	1,078,221	118,031	404,018	162,468	56,889	42,232
Monthly average.....	1,602	⁵ 1,662	5,096	540,000	⁵ 549,967	418,055	1,015,416	116,842	384,523	153,061	58,407	39,677
1950												
January.....	1,753	1,884	4,753	588,946	589,046	394,077	1,181,975	139,533	465,997	173,648	59,534	45,120
February.....	1,662	1,768	4,675	557,634	572,188	372,234	1,094,950	131,720	422,907	160,266	57,025	42,179
March.....	1,735	1,936	4,473	632,344	651,142	355,615	1,205,009	147,169	453,813	183,146	64,601	46,096
April.....	1,387	1,860	3,999	604,058	598,526	363,374	1,162,949	139,949	450,724	172,614	57,232	44,575
May.....	1,523	1,977	3,542	638,275	640,671	357,892	1,247,177	146,106	490,032	180,213	59,257	48,300
June.....	1,836	1,983	3,392	639,504	639,505	354,200	1,220,542	147,158	469,188	172,920	57,643	47,249
July.....	1,968	1,864	3,491	568,893	560,469	362,209	1,166,411	144,591	454,886	160,826	53,735	41,723
August.....	2,326	2,093	3,724	711,910	732,001	348,550	1,321,524	149,488	513,779	187,933	63,566	47,382
September.....	2,042	1,982	3,780	688,843	687,173	342,677	1,232,240	144,773	468,025	171,788	63,712	43,949
October.....	2,083	2,160	3,704	776,402	756,727	377,351	1,369,668	177,134	529,945	192,824	67,324	38,128
November.....	2,113	2,108	3,704	751,411	752,065	362,459	1,326,441	168,086	511,043	187,622	68,734	36,731
December.....	2,121	2,014	3,815	740,953	715,429	386,552	1,251,504	162,222	467,746	169,696	68,152	34,931
Monthly average.....	1,879	⁵ 1,971	3,921	658,264	⁵ 658,634	364,765	1,231,699	149,827	474,840	176,125	61,710	43,030

For footnotes giving source of data and description of series, see pp. 281, 282.

PULP, PAPER, AND PRINTING—WOOD PULP—Continued

YEAR AND MONTH	PRODUCTION ¹		STOCKS (OWN PULP AT PULP MILLS), END OF MONTH ²								IMPORTS ²			
	Ground-wood	Defi- brated, ex- ploded, etc.	Total, all grades	Sulphate		Sulphite		Soda	Ground-wood	Ex- ports, all grades ²	Total, all grades	Sulphate		
				Bleached	Un- bleached	Bleached	Un- bleached					Bleached	Un- bleached	
Short tons														
1935 monthly average ..	112,985	.....	126,679	1,259	4,330	35,630	18,119	4,682	62,660	14,309	161,104	7,055	43,890	
1936 monthly average ..	122,968	.....	109,585	1,241	5,362	32,068	17,599	3,445	49,871	16,124	189,792	8,531	52,977	
1937 monthly average ..	133,389	.....	147,500	2,400	9,800	44,700	25,700	3,600	61,300	26,879	199,550	9,319	51,866	
1938 monthly average ..	111,109	.....	220,700	12,900	15,800	78,600	38,900	5,100	69,400	11,707	142,533	7,514	35,647	
1939 monthly average ..	120,406	.....	179,500	15,900	18,000	55,700	34,400	4,300	51,200	11,625	168,870	9,021	45,514	
1940 monthly average ..	131,544	.....	162,437	5,591	19,961	52,793	28,520	5,898	48,789	40,078	102,048	7,074	18,631	
1941 monthly average ..	148,976	.....	144,479	6,038	24,998	35,614	19,910	4,657	52,070	27,384	96,491	4,950	9,685	
1942 monthly average ..	146,361	.....	149,616	5,950	34,934	24,124	15,355	3,668	63,807	31,512	103,043	4,858	7,620	
1943 monthly average ..	136,491	.....	94,306	4,435	15,080	15,854	10,354	2,929	42,667	25,058	108,796	3,972	8,723	
1944 monthly average ..	136,563	.....	75,069	4,747	9,106	13,406	9,296	2,339	33,582	18,200	89,322	3,955	8,213	
1945 monthly average ..	141,454	.....	74,517	5,179	8,732	13,778	8,564	2,596	32,580	11,280	146,172	6,000	31,703	
1946 monthly average ..	160,960	51,381	76,538	6,374	7,473	17,212	11,334	2,489	28,325	3,280	150,455	6,641	33,159	
1947														
January.....	174,878	54,414	74,892	7,542	8,545	19,500	8,610	2,431	25,976	6,475	172,689	15,816	38,921	
February.....	159,789	48,025	74,465	6,990	7,809	17,747	9,938	2,808	27,188	9,534	164,223	20,567	26,615	
March.....	179,795	54,817	79,709	7,447	7,043	21,004	11,128	2,422	28,630	11,928	145,680	14,132	17,872	
April.....	178,935	54,961	83,801	6,926	8,331	20,564	10,645	3,052	32,046	13,140	152,892	13,402	21,673	
May.....	184,117	56,946	95,786	7,079	7,545	26,295	13,527	2,709	35,452	14,161	180,021	19,988	28,912	
June.....	173,413	53,743	103,598	7,108	8,067	27,475	15,332	3,102	39,626	7,951	231,098	17,008	46,784	
July.....	162,618	54,912	97,685	7,320	7,395	23,952	14,143	2,858	38,725	7,244	221,263	18,182	50,451	
August.....	169,691	57,947	99,834	5,259	8,050	31,604	16,982	3,073	31,551	13,358	273,823	28,527	75,565	
September.....	161,246	60,822	94,121	5,508	10,867	30,288	16,869	2,771	23,660	11,603	186,021	21,301	36,450	
October.....	176,204	68,350	93,244	5,886	10,032	36,547	14,764	3,033	18,193	16,090	197,861	22,302	36,466	
November.....	168,470	65,033	109,968	6,089	13,270	42,846	17,716	3,492	21,702	10,334	186,926	23,009	47,811	
December.....	160,658	63,312	98,928	4,439	9,815	37,308	18,452	2,895	21,615	8,278	209,963	24,835	42,654	
Monthly average.....	170,818	57,774	92,169	6,466	8,897	27,928	14,009	2,887	28,697	10,841	193,538	19,922	39,181	
1948														
January.....	165,869	60,911	91,132	6,316	11,786	28,910	15,987	3,020	20,368	11,089	185,575	19,184	38,580	
February.....	157,315	58,633	94,547	7,558	11,698	30,459	14,330	3,454	22,316	10,690	214,463	18,674	44,857	
March.....	175,029	63,888	89,530	6,464	12,558	22,455	14,569	3,363	24,776	4,850	210,109	25,484	38,490	
April.....	186,005	61,173	96,974	7,127	11,132	22,131	14,566	3,362	32,461	6,396	169,551	16,961	26,148	
May.....	194,477	65,157	105,384	7,665	10,132	23,090	16,401	3,325	38,325	9,346	204,559	26,152	31,007	
June.....	186,513	60,280	102,923	9,044	8,625	21,008	16,291	3,318	38,058	10,249	213,200	32,847	30,322	
July.....	180,678	61,186	96,260	7,664	11,576	18,028	16,496	2,829	32,507	9,594	183,608	27,176	26,007	
August.....	187,024	65,501	98,666	8,669	14,180	20,407	16,652	2,981	28,260	9,865	179,342	23,669	27,159	
September.....	178,047	61,061	99,107	9,774	16,230	19,673	16,057	2,967	23,512	2,455	154,783	25,032	14,999	
October.....	189,856	68,845	103,372	9,191	16,871	23,594	20,640	3,241	21,486	3,795	149,272	19,532	21,036	
November.....	193,116	61,344	108,378	11,125	14,228	27,927	18,556	3,109	24,741	4,441	144,542	21,939	16,532	
December.....	181,178	56,692	104,126	11,192	14,535	21,713	16,852	2,880	28,186	7,925	167,107	21,339	21,312	
Monthly average.....	181,259	62,056	99,200	8,482	12,796	23,283	16,700	3,154	27,916	7,558	181,343	23,166	28,037	
1949														
January.....	177,719	63,973	114,577	12,582	16,842	24,744	19,356	3,088	29,942	24,459	127,036	25,385	18,094	
February.....	157,759	49,802	123,569	15,584	17,580	27,809	20,486	3,008	30,311	5,128	141,833	32,127	24,024	
March.....	180,197	56,375	139,626	12,819	17,982	34,653	22,477	3,388	38,616	11,321	126,685	27,690	13,459	
April.....	165,322	32,376	151,960	12,866	17,003	40,803	23,674	3,463	44,171	10,923	97,517	24,393	11,522	
May.....	166,056	32,282	161,095	14,459	13,224	45,443	26,618	3,631	46,778	17,750	142,328	38,235	16,844	
June.....	160,997	33,592	158,893	17,650	12,043	39,823	28,639	5,116	44,267	21,154	129,611	36,635	14,309	
July.....	142,241	28,681	146,375	17,593	10,190	37,288	23,001	4,488	41,167	6,266	113,685	26,562	16,331	
August.....	157,247	37,798	139,578	18,237	9,634	38,045	21,278	4,668	36,024	6,068	135,228	37,409	13,549	
September.....	155,798	69,909	121,090	15,442	9,650	33,351	17,612	3,883	30,863	4,989	117,822	28,009	7,848	
October.....	167,422	76,925	114,912	12,047	8,506	33,351	19,711	3,364	27,492	4,510	175,283	41,855	18,678	
November.....	165,969	76,841	114,018	12,896	8,355	32,412	19,436	2,992	27,634	3,937	244,540	40,845	54,014	
December.....	168,344	73,261	98,480	9,240	7,331	25,621	15,104	2,099	29,490	5,628	211,534	32,464	40,142	
Monthly average.....	163,756	52,651	132,014	14,285	12,362	34,445	21,450	3,599	35,563	10,178	146,925	32,634	20,735	
1950														
January.....	165,152	74,779	107,991	8,788	8,725	29,683	15,259	1,771	33,984	4,324	235,996	31,744	64,496	
February.....	159,439	72,179	107,313	9,523	8,216	26,937	17,203	1,456	34,044	5,629	183,312	39,615	28,325	
March.....	179,005	76,186	107,059	9,404	8,490	25,808	18,615	1,414	33,885	5,528	202,675	42,620	35,007	
April.....	174,672	69,582	115,455	11,999	8,604	28,125	17,740	1,735	37,697	5,926	150,290	30,837	22,365	
May.....	187,516	77,819	111,537	11,204	7,371	26,042	18,555	1,483	37,509	7,331	204,391	48,556	30,980	
June.....	188,297	78,001	105,914	11,448	7,787	25,667	13,552	1,590	36,325	7,891	225,369	40,444	48,899	
July.....	172,495	80,570	102,428	12,886	8,804	21,701	13,313	1,314	35,614	6,754	177,749	29,479	34,330	
August.....	193,498	93,800	104,631	13,022	9,540	24,558	12,282	1,830	33,580	7,818	186,225	35,754	40,953	
September.....	187,878	86,153	93,120	13,595	9,415	18,215	14,290	750	31,077	10,223	192,495	29,312	34,382	
October.....	204,512	89,124	90,386	14,573	9,620	19,446	13,787	515	29,309	6,479	207,456	44,529	36,736	
November.....	199,068	86,249	87,929	14,424	9,659	18,547	12,854	683	29,842	8,882	208,867	35,204	28,388	
December.....	197,756	84,495	81,974	10,162	9,708	13,534	12,525	1,040	33,043	18,888	204,658	35,783	36,472	
Monthly average.....	184,107	80,745	101,311	11,752	8,828	23,189	14,998	1,298	33,826	7,973	198,290	36,990	36,778	

For footnotes giving source of data and description of series, see pp. 282, 283.

PULP, PAPER, AND PRINTING—WOOD PULP, PAPER AND PAPER PRODUCTS

YEAR AND MONTH	WOOD PULP				PAPER AND PAPER PRODUCTS									
	Imports ¹				All paper and paperboard mills, production ²				Paper, excluding building paper, newsprint, and paperboard ³					
	Sulphite		Soda	Ground-wood	Total	Paper, including building paper	Paper-board	Building board	Total paper					
	Bleached	Un-bleached							Orders		Production	Shipments	Stocks, end of month	
									New	Un-filled, end of month				
														Short tons
1935 monthly average ..	35,785	57,752	785	15,837	873,258	.....	.....	.....	359,451	177,540	372,249	366,073	295,437	
1936 monthly average ..	42,681	65,560	1,061	18,982	997,963	.....	.....	.....	434,612	218,875	425,794	420,965	347,373	
1937 monthly average ..	42,663	76,640	861	18,202	1,069,750	.....	.....	.....	437,498	293,760	460,381	452,045	393,664	
1938 monthly average ..	28,138	57,188	784	13,262	948,401	.....	.....	.....	410,453	184,459	411,457	410,795	444,669	
1939 monthly average ..	39,509	55,099	746	18,981	1,125,804	.....	.....	.....	498,439	256,503	489,868	489,624	402,861	
1940 monthly average ..	29,410	31,116	897	14,242	1,206,976	.....	.....	.....	519,640	275,625	530,489	523,567	399,153	
1941 monthly average ..	32,627	30,116	1,322	16,499	1,494,000	.....	.....	.....	657,606	569,493	616,708	627,774	343,374	
1942 monthly average ..	31,292	38,245	1,533	18,323	1,423,655	759,557	591,051	73,048	561,887	453,967	595,507	587,678	328,281	
1943 monthly average ..	30,056	43,266	1,682	19,707	1,419,641	701,271	644,490	73,880	576,595	555,339	560,530	568,161	287,226	
1944 monthly average ..	26,739	33,285	1,367	14,741	1,431,900	685,020	670,406	76,475	555,504	535,938	551,520	557,339	188,535	
1945 monthly average ..	32,371	54,775	1,763	18,559	1,447,580	704,769	663,337	79,474	571,738	619,434	570,708	566,945	198,344	
1946 monthly average ..	35,404	51,548	1,645	20,852	1,606,472	815,624	711,151	89,697	667,786	711,932	664,921	665,282	204,058	
1947														
January.....	40,074	52,377	1,318	23,242	1,766,068	892,983	777,983	95,102	805,481	726,394	725,139	723,378	198,828	
February.....	38,318	54,014	1,699	22,035	1,626,399	819,432	721,699	85,268	665,592	721,505	661,827	666,556	188,180	
March.....	39,610	47,601	1,597	23,840	1,800,479	900,896	801,860	97,723	729,558	720,098	728,545	720,078	200,038	
April.....	43,835	43,745	1,621	27,795	1,754,410	885,366	776,875	92,169	683,153	689,559	708,470	707,607	198,181	
May.....	40,330	58,535	1,592	29,172	1,833,648	929,534	804,800	99,314	710,896	652,899	746,895	741,549	202,171	
June.....	45,672	88,137	1,692	30,383	1,727,609	882,464	750,505	94,640	699,023	672,154	711,345	708,031	213,318	
July.....	48,678	74,031	1,719	26,700	1,625,457	817,030	707,743	100,684	659,872	648,188	650,963	643,617	206,845	
August.....	53,098	83,029	1,804	30,589	1,763,428	891,752	766,516	105,160	684,850	637,876	716,780	723,875	201,577	
September.....	44,037	54,311	1,864	26,934	1,719,762	872,859	741,604	105,299	729,165	670,452	699,537	690,675	209,438	
October.....	53,542	57,669	1,929	24,742	1,898,161	955,990	827,319	114,852	748,178	641,029	773,216	775,388	205,904	
November.....	40,544	52,915	2,075	19,237	1,776,747	898,160	767,247	111,340	695,699	622,475	729,719	726,867	216,642	
December.....	49,427	65,284	2,293	24,277	1,742,465	893,371	739,986	109,108	712,562	601,931	730,435	726,311	212,684	
Monthly average.....	44,764	60,971	1,767	25,746	1,759,500	892,085	778,051	89,364	710,344	667,047	715,239	712,828	204,484	
1948														
January.....	36,541	63,275	1,884	25,053	1,863,790	954,385	810,926	98,479	781,218	616,026	770,605	762,155	220,214	
February.....	42,375	88,126	1,959	17,138	1,698,963	883,080	721,192	94,691	684,754	586,814	711,044	713,966	217,292	
March.....	58,216	57,794	2,414	26,257	1,927,121	964,373	857,623	105,125	778,991	600,100	773,554	765,705	225,141	
April.....	43,502	50,537	1,674	29,532	1,905,512	959,171	845,727	100,614	735,910	571,835	767,416	764,175	228,382	
May.....	50,549	66,018	1,795	27,864	1,905,639	965,783	829,690	110,166	736,000	546,935	767,976	760,900	235,458	
June.....	52,490	60,443	2,542	33,183	1,837,292	944,537	792,568	100,187	734,832	545,063	748,549	736,704	247,303	
July.....	47,182	58,606	2,000	21,795	1,680,829	865,258	701,486	114,085	682,801	545,528	682,444	682,336	247,411	
August.....	44,597	57,684	2,255	23,264	1,865,488	943,724	806,593	115,171	698,312	500,456	748,393	743,384	252,420	
September.....	49,396	40,698	1,989	21,905	1,811,087	922,194	780,010	108,883	732,571	507,049	734,407	725,978	260,849	
October.....	42,542	45,694	2,184	17,467	1,934,775	974,078	844,002	116,695	732,146	467,967	772,067	771,228	261,688	
November.....	40,549	43,530	2,739	18,297	1,865,579	928,836	829,900	106,843	681,604	426,166	741,218	723,605	279,301	
December.....	49,100	44,079	1,498	28,724	1,752,691	889,441	760,754	102,496	707,252	425,057	711,914	708,157	283,058	
Monthly average.....	46,420	56,374	2,070	24,207	1,827,362	929,472	792,028	105,862	723,866	528,250	744,132	738,191	246,543	
1949														
January.....	36,285	29,908	1,517	15,035	1,752,515	894,155	760,012	98,348	707,831	405,096	739,147	728,055	294,261	
February.....	36,543	32,019	2,497	13,979	1,600,102	827,771	698,679	73,652	645,340	384,482	679,760	665,954	308,120	
March.....	39,872	28,764	2,352	13,784	1,717,809	903,002	733,704	81,103	722,513	382,408	736,783	724,587	320,376	
April.....	25,193	19,155	2,197	14,461	1,570,257	827,295	693,929	49,033	630,717	351,635	661,817	661,490	320,747	
May.....	37,528	24,941	2,100	21,939	1,543,645	807,456	682,303	53,886	626,622	347,522	635,951	630,741	326,005	
June.....	33,686	27,020	1,695	15,629	1,554,933	801,261	697,785	55,886	633,466	358,389	627,991	622,599	331,446	
July.....	35,027	21,927	1,907	11,443	1,353,292	720,559	579,588	53,145	590,656	382,558	558,327	566,487	323,323	
August.....	35,311	30,598	2,351	15,548	1,752,021	870,412	917,031	64,578	719,512	421,703	684,109	680,367	327,113	
September.....	35,491	25,377	2,357	18,193	1,789,232	883,755	820,015	85,462	764,095	479,850	699,794	705,948	321,007	
October.....	46,125	42,436	2,774	21,346	1,945,253	959,637	887,856	97,760	802,754	513,767	765,840	768,837	318,062	
November.....	66,710	56,624	2,763	22,888	1,912,763	943,435	876,791	92,537	755,591	513,619	762,532	755,739	324,905	
December.....	53,106	52,834	2,805	24,572	1,796,661	899,676	811,978	85,007	729,368	503,777	739,564	739,210	325,315	
Monthly average.....	40,490	22,634	2,276	17,401	1,693,935	864,252	759,790	69,894	694,039	420,401	690,968	687,501	320,057	
1950														
January.....	50,423	63,260	2,566	22,897	1,879,902	936,916	856,705	86,281	782,466	507,158	776,171	761,796	341,377	
February.....	51,531	39,898	2,683	20,456	1,795,607	898,477	809,677	87,453	745,367	513,878	736,759	738,649	339,173	
March.....	58,575	39,005	2,983	23,973	2,032,070	1,029,481	901,341	101,248	856,493	525,872	841,182	844,503	335,510	
April.....	48,353	28,030	2,333	18,071	1,900,136	958,512	847,689	93,935	778,355	531,987	775,194	772,240	338,135	
May.....	56,115	41,189	2,833	24,002	2,047,167	1,020,712	920,920	105,535	808,496	529,385	815,032	811,132	341,697	
June.....	59,980	44,916	2,851	25,974	2,029,350	1,033,422	889,909	106,019	847,356	554,672	818,109	822,024	337,442	
July.....	47,022	43,018	2,707	20,149	1,812,589	939,339	783,698	89,552	916,494	747,500	716,851	723,563	330,201	
August.....	46,193	34,465	3,205	24,891	2,183,979	1,061,757	1,002,012	120,210	974,653	876,300	837,275	845,813	329,572	
September.....	58,365	44,997	2,868	21,708	2,084,846	1,024,157	946,192	114,497	852,625	913,297	806,044	815,574	310,663	
October.....	47,779	53,955	3,368	20,080	2,233,356	1,087,662	1,024,753	120,941	870,578	912,860	866,740	870,994	305,900	
November.....	59,107	52,720	2,936	29,675	2,193,258	1,060,548	1,014,569	118,141	815,448	877,359	847,408	852,096	300,855	
December.....	57,207	43,220	2,614	28,673	2,096,384	1,037,364	945,763	113,257	821,664	858,760	825,242	840,249	285,368	
Monthly average.....	53,388	44,056	2,829	23,379	2,025,015	1,007,808	912,332	104,885	839,166	695,752	805,167	808,219	323,908	

PULP, PAPER, AND PRINTING—PAPER AND PAPER PRODUCTS—Continued

YEAR AND MONTH	PAPER, EXCLUDING BUILDING PAPER, NEWSPRINT, AND PAPERBOARD												
	Fine paper ¹					Printing paper					Coarse paper ¹		
	Orders		Production	Shipments	Stocks, end of month	Orders ¹		Production ¹	Shipments ¹	Stocks, end of month ¹	Price, whole-sale, book paper, "B" grade, imperial English finish, white ²	Orders	
	New	Un-filled, end of month				New	Un-filled, end of month					New	Un-filled, end of month
Short tons											Dol. per 100 lb.	Short tons	
1935 monthly average ..	48,965	17,448	51,183	49,665	87,347	130,525	50,438	138,343	136,019	102,021	5.34	134,678	62,010
1936 monthly average ..	60,981	22,950	60,816	59,581	103,694	162,185	72,605	159,507	156,744	126,103	5.28	163,146	79,825
1937 monthly average ..	54,163	31,162	58,373	56,906	107,324	168,968	105,509	175,532	172,098	154,545	6.05	160,541	114,990
1938 monthly average ..	51,053	19,324	51,636	51,915	112,473	148,546	71,539	149,018	148,740	173,375	5.73	156,530	55,511
1939 monthly average ..	60,220	30,669	60,259	59,817	93,382	179,704	89,272	175,179	175,206	128,023	5.52	192,635	93,674
1940 monthly average ..	59,338	30,817	61,313	60,274	96,731	180,740	88,766	186,935	183,132	128,003	6.12	205,560	113,725
1941 monthly average ..	94,706	130,089	79,168	82,801	87,075	235,083	181,646	222,469	226,550	109,934	6.84	227,497	194,045
1942 monthly average ..	80,069	103,714	86,956	86,020	73,563	187,721	122,329	193,850	193,073	101,488	7.30	203,695	147,093
1943 monthly average ..	92,835	141,333	84,217	86,916	60,567	183,117	146,294	182,379	183,720	72,141	7.30	195,216	188,523
1944 monthly average ..	82,507	143,781	80,585	81,322	43,553	168,438	142,665	169,686	170,210	53,483	7.30	192,179	176,259
1945 monthly average ..	81,817	157,996	83,400	82,122	47,137	179,069	171,850	178,087	176,896	57,636	7.30	201,825	202,176
1946 monthly average ..	98,950	165,041	96,701	96,653	56,772	226,170	250,136	225,767	225,847	55,659	8.24	223,558	178,479
1947													
January.....	110,059	154,335	100,420	102,045	46,965	314,478	288,750	252,785	250,867	56,308	9.30	251,560	166,450
February.....	88,228	148,760	92,272	93,110	45,805	234,399	294,419	228,568	228,838	52,010	10.05	225,625	164,838
March.....	110,089	158,900	101,222	100,234	47,281	250,949	292,123	255,933	251,824	63,157	10.05	244,705	163,902
April.....	93,665	152,803	97,377	96,269	47,512	237,419	282,003	252,773	253,399	62,948	10.05	228,428	158,292
May.....	85,550	136,624	102,020	102,517	47,854	261,049	275,565	263,737	260,864	62,861	10.05	238,500	143,327
June.....	97,685	142,386	96,305	95,332	51,123	242,489	279,900	249,215	250,400	63,183	10.05	242,200	158,747
July.....	93,175	142,838	85,768	82,362	50,115	234,979	266,490	236,692	237,239	62,070	10.05	228,980	152,605
August.....	86,695	135,948	98,490	100,361	48,031	249,684	269,159	250,985	253,767	59,512	10.24	233,714	149,995
September.....	90,156	130,168	96,745	93,809	49,548	278,054	299,893	246,330	243,908	62,096	10.80	238,900	155,539
October.....	104,418	131,982	105,625	106,206	49,210	249,444	269,004	276,302	276,168	62,782	10.80	264,745	159,550
November.....	78,629	115,417	96,915	96,165	51,050	253,259	267,430	257,643	258,175	66,036	10.80	241,115	158,730
December.....	85,446	106,963	98,380	91,042	51,555	252,599	255,377	258,278	262,169	63,854	10.80	245,591	155,292
Monthly average.....	93,650	138,094	97,628	96,621	48,837	254,900	278,343	252,437	252,302	61,401	10.32	240,322	157,272
1948													
January.....	111,132	121,233	105,834	107,380	52,224	277,382	265,585	271,796	268,139	66,630	10.80	259,079	144,573
February.....	88,698	115,275	96,269	94,656	53,837	238,897	250,148	252,806	254,334	65,102	10.80	232,793	140,260
March.....	106,199	118,589	104,477	102,885	55,429	276,936	260,822	270,054	266,262	68,894	10.80	259,120	141,824
April.....	91,944	110,130	101,223	100,403	56,249	253,197	251,604	267,266	262,415	73,745	10.80	251,162	134,053
May.....	84,235	93,711	99,986	100,654	55,581	266,422	250,628	271,512	267,398	77,859	10.80	250,514	129,190
June.....	89,265	88,329	98,602	94,647	59,536	271,740	257,870	269,824	264,498	83,185	10.80	245,518	128,442
July.....	77,492	80,566	85,677	85,255	59,958	239,136	256,553	240,232	240,453	82,964	10.80	243,728	137,799
August.....	77,496	65,866	94,577	92,196	62,339	237,048	238,510	256,719	255,091	84,592	10.80	255,431	128,209
September.....	78,383	54,607	92,765	89,642	65,462	270,323	252,095	258,895	256,738	86,749	11.30	249,186	132,079
October.....	79,213	42,549	91,947	91,271	66,138	253,451	234,656	272,209	270,890	88,068	11.30	259,466	123,863
November.....	72,087	35,128	84,487	79,508	71,117	234,417	209,380	263,743	259,693	92,118	11.30	244,188	116,530
December.....	76,899	30,878	85,015	81,149	74,983	253,391	211,750	255,943	251,017	97,044	11.30	247,886	116,687
Monthly average.....	86,087	79,738	95,072	93,304	61,071	256,028	244,967	262,583	259,744	80,579	10.96	249,839	131,126
1949													
January.....	82,098	24,881	85,915	88,095	72,803	245,494	205,467	256,703	251,877	101,870	11.30	249,582	109,552
February.....	79,183	26,367	80,112	77,697	75,218	227,194	196,340	239,086	236,321	104,635	11.30	213,899	95,953
March.....	85,220	29,033	85,696	82,554	78,360	259,981	194,863	234,083	261,458	107,980	11.30	238,394	93,040
April.....	84,949	30,296	81,906	83,686	76,580	231,604	183,145	242,520	243,322	107,178	11.30	190,304	73,381
May.....	79,062	26,112	83,783	83,246	77,117	242,502	185,993	238,190	239,654	105,714	11.30	188,633	71,752
June.....	82,529	24,713	83,740	83,928	76,929	230,620	185,650	226,152	230,963	100,903	11.30	203,307	83,554
July.....	70,781	29,407	66,209	66,087	77,051	218,468	199,022	203,465	205,096	99,272	11.30	193,191	89,524
August.....	86,939	29,051	87,252	87,295	77,008	265,014	218,253	251,345	245,783	104,834	11.30	242,124	110,312
September.....	86,028	28,442	85,763	86,637	76,134	272,736	236,443	254,718	254,546	105,006	11.30	274,775	147,519
October.....	98,789	32,219	91,953	95,012	73,074	277,600	246,754	269,871	267,289	107,588	11.30	282,680	166,916
November.....	90,757	31,231	91,995	91,745	73,324	263,713	249,263	268,811	261,204	115,195	11.30	264,018	165,678
December.....	85,163	27,320	90,630	89,074	74,880	255,890	240,634	266,511	264,519	117,187	11.30	255,335	167,203
Monthly average.....	84,292	28,256	84,580	84,588	75,707	249,243	211,819	248,515	246,836	106,447	11.30	233,020	114,532
1950													
January.....	95,234	41,890	93,534	92,573	87,560	279,022	232,975	264,920	259,094	117,134	11.30	267,149	161,378
February.....	100,628	50,150	92,698	92,368	88,090	246,700	232,530	244,710	247,140	114,775	11.30	262,560	159,273
March.....	113,260	56,840	104,410	106,569	86,135	288,383	235,220	288,069	285,697	117,200	11.30	304,000	159,042
April.....	95,020	55,588	94,961	96,274	85,022	258,685	236,780	260,404	257,123	120,545	11.30	276,000	163,994
May.....	108,155	57,568	105,417	106,175	84,467	272,365	231,570	275,169	277,572	118,200	11.30	286,588	165,382
June.....	110,740	61,355	103,500	106,950	81,219	291,915	249,880	272,989	273,605	117,640	11.30	295,568	164,792
July.....	135,150	110,150	83,586	86,350	78,654	309,465	319,735	238,532	239,608	116,635	11.65	312,314	216,315
August.....	149,100	143,200	111,310	116,050	74,115	354,658	387,600	286,288	286,755	116,225	11.65	300,665	227,570
September.....	114,207	145,772	106,764	111,635	69,450	307,738	414,165	280,203	281,172	115,310	11.78	276,858	227,700
October.....	115,272	147,840	112,207	113,203	68,655	290,525	406,900	296,292	297,782	113,870	12.15	298,200	231,200
November.....	102,770	138,575	110,119	112,035	66,760	284,615	395,050	290,561	296,460	107,860	12.15	281,340	224,050
December.....	102,340	131,785	104,131	109,129	61,783	288,546	393,160	287,910	290,427	105,230	12.53	277,572	215,870
Monthly average.....	111,823	95,059	101,886	104,109	77,659	289,385	311,297	273,837	274,370	115,052	11.64	286,568	193,047

For footnotes giving source of data and description of series, see pp. 283, 284.

PULP, PAPER, AND PRINTING—PAPER AND PAPER PRODUCTS—Continued

YEAR AND MONTH	PAPER, EXCLUDING BUILDING PAPER, NEWSPRINT, AND PAPERBOARD			NEWSPRINT								
	Coarse paper ¹			Canada, including Newfoundland ²			United States					
	Production	Shipments	Stocks, end of month	Production	Shipments from mills	Stocks at mills, end of month	Consumption by publishers ³	Production ²	Shipments from mills ²	Stocks, end of month		
										At mills ²	At publishers ³	In transit to publishers ³
Short tons												
1935 monthly average ..	136,005	134,298	91,881	256,916	254,145	245,293	221,924	76,033	76,436	17,735	224,535	36,049
1936 monthly average ...	156,610	156,286	99,603	294,622	299,293	231,949	244,952	76,784	76,390	18,166	215,941	44,747
1937 monthly average ...	171,116	168,946	101,291	333,162	335,989	234,857	246,353	78,810	78,719	18,513	349,613	56,044
1938 monthly average ...	155,488	155,612	110,940	241,082	231,694	237,085	221,123	68,338	68,048	23,872	352,637	34,564
1939 monthly average ...	187,218	188,678	118,240	264,545	260,393	268,786	227,903	78,287	78,756	18,146	257,298	40,402
1940 monthly average ..	208,402	206,297	110,150	314,162	316,985	261,342	237,996	84,453	84,411	16,869	297,813	43,191
1941 monthly average ..	217,109	219,060	90,514	314,222	316,803	246,653	245,555	84,576	85,065	13,258	302,535	45,799
1942 monthly average ..	210,487	206,158	101,620	287,877	290,739	221,204	236,245	79,385	79,217	13,365	410,630	47,209
1943 monthly average ..	188,531	192,954	89,289	268,250	272,773	133,775	226,688	67,071	66,955	12,517	360,712	56,872
1944 monthly average ..	192,836	192,933	59,661	272,048	272,618	126,180	195,925	59,984	60,286	7,949	307,091	46,530
1945 monthly average ..	200,265	199,414	61,883	299,325	296,076	139,763	204,593	60,371	60,455	7,135	252,956	47,451
1946 monthly average ..	224,208	224,579	60,543	375,505	374,688	181,488	261,356	64,241	63,501	9,647	218,574	63,370
1947												
January.....	245,243	244,970	57,163	402,207	367,476	181,255	266,422	68,634	69,492	14,360	231,694	75,602
February.....	225,713	228,070	55,500	371,005	341,551	210,709	258,424	62,802	65,226	11,936	224,453	69,466
March.....	245,507	243,844	53,030	404,425	397,118	218,016	302,672	67,916	68,872	10,980	206,064	73,699
April.....	232,472	231,710	53,035	398,879	406,863	210,032	297,461	71,933	73,988	8,925	215,995	68,773
May.....	250,564	248,690	53,420	412,901	430,201	192,732	302,994	73,498	70,997	11,426	212,724	64,985
June.....	244,451	241,570	60,330	385,763	424,628	153,867	292,664	67,268	66,743	11,951	228,793	71,664
July.....	224,516	220,700	60,187	412,317	413,013	153,171	263,698	67,656	68,955	10,652	278,918	68,401
August.....	247,720	250,482	58,190	409,814	418,242	144,743	281,102	70,507	69,326	11,833	295,385	84,009
September.....	233,567	230,240	60,263	399,435	411,752	132,426	299,807	70,732	70,168	12,397	312,573	77,150
October.....	258,180	260,480	57,886	430,621	427,566	135,481	339,286	72,253	73,545	11,105	308,033	83,957
November.....	249,975	247,724	60,756	394,973	422,101	108,353	338,012	66,475	66,439	11,141	279,631	89,755
December.....	245,542	244,614	59,931	397,824	412,772	93,405	322,136	65,880	68,720	8,301	292,920	84,113
Monthly average.....	241,954	241,091	57,474	401,680	406,107	161,182	297,057	68,796	69,373	11,251	257,265	75,965
1948												
January.....	256,030	251,184	61,005	399,835	372,507	120,733	292,534	68,379	68,322	8,358	295,052	89,132
February.....	234,118	237,106	58,017	369,428	349,918	140,243	307,967	60,936	59,019	7,355	267,958	90,864
March.....	259,481	257,556	59,942	416,182	403,254	153,171	338,337	68,179	65,943	6,306	274,453	75,785
April.....	255,930	258,933	56,939	418,249	408,641	162,779	342,572	72,535	69,199	6,478	268,665	88,644
May.....	258,808	255,377	60,370	420,799	442,937	140,641	348,823	75,822	71,553	7,584	282,202	89,083
June.....	247,979	246,266	62,083	415,051	422,869	132,823	327,060	75,239	72,441	7,218	294,728	73,363
July.....	234,599	234,371	62,311	424,500	409,698	147,625	291,647	72,490	68,548	7,997	337,372	80,667
August.....	265,137	265,021	62,427	422,258	422,323	147,560	314,045	75,735	71,966	8,602	382,849	76,842
September.....	248,445	245,316	65,556	408,810	432,148	124,222	337,196	71,412	69,297	7,675	382,559	89,884
October.....	265,858	267,682	63,732	435,337	419,308	140,251	381,697	76,432	73,214	7,729	345,423	101,655
November.....	258,222	251,721	70,233	432,097	441,462	130,886	364,253	75,518	72,371	7,713	344,226	92,892
December.....	242,491	247,529	65,195	420,288	441,979	109,195	363,698	74,817	73,584	8,946	373,590	84,555
Monthly average.....	252,258	251,505	62,318	415,236	413,920	137,511	334,152	72,291	72,237	7,663	320,756	86,114
1949												
January.....	265,006	256,717	73,484	420,624	409,862	119,957	332,671	75,626	75,096	9,476	382,691	98,165
February.....	234,552	227,498	80,538	406,927	385,372	141,512	308,753	68,621	69,235	8,862	391,580	92,609
March.....	246,591	241,307	85,822	455,778	419,549	177,741	366,887	78,322	77,404	9,780	392,601	82,380
April.....	212,241	209,963	88,100	442,448	428,999	191,190	368,945	75,459	73,930	11,309	381,865	79,724
May.....	196,124	190,262	93,962	442,730	459,129	174,791	392,212	79,987	80,162	11,134	373,041	71,404
June.....	200,827	191,505	103,284	437,043	447,961	163,873	349,944	80,417	78,460	13,091	384,872	75,863
July.....	182,212	187,221	98,275	421,475	412,127	173,221	313,118	76,218	77,133	12,176	416,595	76,848
August.....	220,240	221,336	97,179	446,834	435,007	185,048	318,046	78,944	76,941	14,179	446,964	86,044
September.....	231,920	237,568	91,531	415,179	437,658	162,569	356,528	70,600	69,614	15,165	444,335	85,333
October.....	261,765	263,283	90,013	435,651	433,039	165,181	399,262	73,350	75,013	13,502	412,805	75,708
November.....	263,841	265,256	88,598	436,766	460,977	140,970	378,626	72,130	72,417	13,215	378,578	87,677
December.....	249,598	253,810	84,386	414,872	434,652	121,190	372,497	69,854	72,255	10,814	371,131	74,732
Monthly average.....	230,410	228,810	89,598	431,361	430,361	159,770	354,791	74,961	74,805	11,892	398,088	82,207
1950												
January.....	275,779	269,794	84,088	417,011	403,013	135,188	345,093	74,275	76,080	9,009	355,599	86,039
February.....	264,147	264,665	83,558	399,247	376,834	157,601	333,159	69,099	70,756	7,352	328,881	88,593
March.....	300,700	304,231	80,000	451,635	426,960	182,276	396,923	80,571	79,027	8,896	318,036	86,765
April.....	271,143	271,048	80,083	422,774	425,660	179,390	403,801	82,564	85,340	6,120	284,010	91,075
May.....	291,614	285,200	86,475	459,937	479,560	159,767	401,922	89,719	86,257	9,582	288,684	94,187
June.....	296,312	296,157	86,608	440,967	440,777	159,957	376,482	88,420	89,928	8,074	303,524	78,935
July.....	258,575	260,790	84,382	439,255	463,339	135,873	336,759	86,127	85,433	8,768	339,424	93,140
August.....	286,396	289,407	81,352	466,443	417,589	184,727	346,795	92,877	92,950	8,695	376,900	81,095
September.....	273,636	276,705	78,265	437,579	485,165	137,141	373,788	86,411	85,809	9,297	372,943	94,271
October.....	292,751	294,692	76,305	456,443	465,253	128,331	420,786	91,305	92,779	7,823	356,782	88,332
November.....	292,380	288,472	80,115	456,743	477,708	107,366	407,943	87,980	85,141	10,662	334,783	98,499
December.....	279,967	285,750	74,240	430,551	448,775	89,142	398,309	85,355	87,776	8,241	328,018	96,942
Monthly average.....	281,950	282,243	81,289	439,882	442,553	146,397	379,959	84,559	84,773	8,543	332,299	89,823

For footnotes giving source of data and description of series, see p. 284.

PULP, PAPER, AND PRINTING—PAPER PRODUCTS AND PRINTING

YEAR AND MONTH	NEWSPRINT		PAPERBOARD				PAPER PRODUCTS			PRINTING		
	Im-ports ¹	Price, rolls, New York ²	Orders ³		Production ³		Shipping containers, corrugated and solid fiber, shipments ⁴	Folding paper boxes, value ⁵		Book publication ⁶		
			New	Un-filled, end of month	Total	Per-cent of activity		New orders	Ship-ments	Total	New books	New edi-tions
Short tons	Dollars per short ton	Short tons				Mil. sq. ft. surface area	1936 = 100		Number of editions			
1935 monthly average ..	198,610	40.00	.....	.....	.....	67	1,976	.....	86.7	731	576	154
1936 monthly average ..	229,299	41.00	439,273	167,316	429,539	74	2,271	100.0	100.0	870	715	154
1937 monthly average ..	276,419	42.50	442,882	209,351	454,671	75	2,503	113.4	120.9	909	773	137
1938 monthly average ..	189,550	50.00	401,393	106,415	397,788	64	2,246	91.0	109.6	922	789	133
1939 monthly average ..	217,927	50.00	495,162	180,360	485,042	77	2,883	126.1	128.9	887	751	136
1940 monthly average ..	230,212	50.00	517,736	177,688	524,370	78	2,975	131.9	137.8	936	784	152
1941 monthly average ..	248,531	50.00	682,700	462,400	644,100	92	4,305	198.3	190.7	926	778	148
1942 monthly average ..	243,434	50.00	585,700	328,200	594,300	84	3,549	181.1	192.9	794	649	145
1943 monthly average ..	219,786	54.69	668,300	350,500	636,900	93	4,054	263.7	244.6	694	564	130
1944 monthly average ..	207,619	58.00	661,900	560,900	661,500	93	4,057	251.3	260.1	581	484	97
1945 monthly average ..	222,400	60.25	672,200	520,800	658,500	93	4,041	279.5	281.6	546	449	97
1946 monthly average ..	291,022	72.29	724,900	570,600	707,600	96	4,910	389.3	350.6	645	514	130
1947												
January.....	294,042	84.00	810,800	592,600	781,250	99	5,476	499.9	478.7	470	372	98
February.....	260,815	84.00	721,700	584,100	724,250	103	5,049	447.2	465.8	557	436	121
March.....	322,357	84.00	755,600	555,800	783,500	103	5,517	431.6	485.7	1,027	808	219
April.....	315,840	90.00	778,800	589,000	771,600	100	5,465	422.5	488.9	852	678	174
May.....	328,747	90.00	768,600	517,500	808,500	101	5,098	408.7	470.6	811	650	161
June.....	349,134	90.00	729,200	466,300	748,400	101	4,734	341.5	460.9	531	426	105
July.....	353,091	90.00	744,600	500,000	716,000	90	4,545	330.8	396.0	592	439	153
August.....	315,932	90.00	728,300	430,100	774,900	99	4,793	372.6	439.3	678	526	152
September.....	357,998	90.00	797,300	442,400	756,400	96	4,896	391.7	454.3	647	549	98
October.....	355,605	90.00	821,800	441,000	830,200	101	5,407	449.1	506.9	772	639	133
November.....	314,596	90.00	755,400	425,100	758,400	100	5,121	379.4	450.1	1,135	885	250
December.....	389,907	90.00	765,100	457,100	747,600	89	5,055	398.5	456.2	1,110	835	275
Monthly average.....	329,839	88.62	764,800	500,100	766,750	99	5,097	406.1	462.8	765	604	162
1948												
January.....	320,564	96.00	814,500	426,400	817,300	103	5,208	449.4	460.8	763	612	151
February.....	293,801	96.00	700,600	417,100	716,800	100	5,045	433.1	439.9	805	607	198
March.....	398,283	96.00	880,900	457,700	865,300	102	5,553	484.5	483.1	890	732	158
April.....	349,649	96.00	778,300	391,400	828,000	102	4,973	396.8	443.4	819	637	182
May.....	368,533	96.00	779,300	346,700	825,700	100	5,025	394.2	423.7	918	715	203
June.....	375,195	96.00	786,000	375,400	792,900	94	5,097	457.3	481.5	627	504	123
July.....	362,174	96.00	695,500	353,600	708,900	80	4,591	428.6	374.7	689	516	173
August.....	390,408	100.00	795,100	339,300	796,700	92	5,345	461.9	465.0	549	385	164
September.....	349,476	100.00	784,300	370,300	777,800	91	5,405	470.6	482.1	618	492	126
October.....	362,298	100.00	818,600	360,400	836,000	96	5,750	492.3	508.1	1,082	886	196
November.....	416,789	100.00	797,600	333,600	826,400	94	5,528	445.0	480.1	911	734	177
December.....	407,527	100.00	942,800	313,900	766,100	84	4,936	451.4	483.6	1,226	987	239
Monthly average.....	366,273	97.69	797,800	373,800	796,500	95	5,205	447.1	460.5	825	651	174
1949												
January.....	369,223	100.00	783,700	304,100	769,400	88	4,784	390.5	435.1	675	541	134
February.....	360,047	100.00	656,300	267,700	694,300	85	4,435	391.4	418.1	714	550	164
March.....	392,317	100.00	727,300	272,000	731,800	84	5,004	431.2	482.1	748	586	162
April.....	362,996	100.00	688,000	260,300	696,700	79	4,724	396.2	426.3	1,074	822	252
May.....	414,526	100.00	686,700	238,700	692,300	78	4,622	385.7	408.5	945	755	190
June.....	397,741	100.00	692,000	243,300	696,800	75	4,841	412.6	436.4	760	570	190
July.....	377,409	100.00	618,100	268,500	583,800	64	4,352	355.6	332.1	863	669	194
August.....	404,129	100.00	890,200	365,600	821,600	86	5,732	450.7	449.5	704	554	150
September.....	356,129	100.00	873,000	360,900	833,800	87	5,686	516.6	470.8	763	597	166
October.....	399,910	100.00	945,000	400,600	888,500	94	6,240	478.5	507.5	1,129	944	185
November.....	386,639	100.00	887,000	429,800	882,800	93	5,750	452.2	492.8	1,019	758	261
December.....	418,496	100.00	801,200	359,300	827,400	83	5,171	412.9	449.3	1,498	1,114	384
Monthly average.....	386,630	100.00	770,700	314,200	759,900	83	5,112	422.8	442.4	908	705	203
1950												
January.....	376,819	100.00	860,300	337,800	858,800	88	5,490	456.6	450.3	673	522	151
February.....	347,950	100.00	802,800	314,600	817,000	92	5,339	444.0	432.8	829	619	210
March.....	385,025	100.00	952,600	371,800	908,600	91	6,302	540.2	520.7	846	671	175
April.....	369,560	100.00	847,100	343,700	858,300	92	5,861	452.0	456.0	1,107	872	236
May.....	487,435	100.00	964,000	395,500	934,600	91	6,277	513.8	497.8	892	695	197
June.....	441,239	100.00	945,400	394,100	907,600	94	6,232	540.8	518.2	774	566	208
July.....	415,424	100.00	983,300	524,400	816,900	82	6,075	586.9	424.1	850	650	200
August.....	367,604	100.00	1,204,500	729,100	1,017,300	100	7,653	904.5	603.3	766	618	148
September.....	419,123	100.00	977,800	714,900	954,400	96	7,229	745.0	619.9	962	816	146
October.....	449,183	100.00	1,039,000	694,700	1,023,400	102	7,679	731.2	671.7	1,138	877	261
November.....	385,659	106.00	1,019,900	722,000	1,012,700	101	7,289	710.7	666.1	1,028	811	217
December.....	418,044	106.00	876,700	617,200	940,500	95	7,105	690.5	668.6	1,157	915	242
Monthly average.....	405,250	100.92	956,100	513,300	920,800	94	6,544	609.7	544.1	919	720	199

For footnotes giving source of data and description of series, see pp. 284, 285.

RUBBER AND RUBBER PRODUCTS—RUBBER

YEAR AND MONTH	NATURAL				CHEMICAL (SYNTHETIC)				RECLAIMED ⁵		
	Con- sump- tion ¹	Stocks, end of month ¹	Im- ports, includ- ing latex and gum- mule ²	Price, whole- sale, smoked sheets (New York) ³	Pro- duc- tion ⁴	Con- sump- tion ⁴	Stocks, end of month ⁴	Ex- ports ²	Pro- duc- tion	Con- sump- tion	Stocks, end of month
	Long tons			Dol. per pound	Long tons						
1935 monthly average ..	40,962	319,704	38,929	0.124	.....	.....	.....	.....	10,246	9,794	13,796
1936 monthly average ..	47,917	251,512	40,679	.164	.....	.....	.....	.....	12,548	11,791	17,830
1937 monthly average ..	45,300	196,705	50,040	.194	.....	.....	.....	.....	15,417	13,500	21,084
1938 monthly average ..	36,419	277,318	34,341	.147	.....	.....	.....	.....	10,200	10,067	21,221
1939 monthly average ..	49,333	165,385	41,635	.176	.....	.....	.....	.....	15,500	14,167	22,381
1940 monthly average ..	54,042	185,373	68,187	.202	.....	.....	.....	.....	17,414	15,854	28,626
1941 monthly average ..	64,583	391,867	85,751	.224	.....	.....	.....	.....	22,850	20,936	36,125
1942 monthly average ..	31,399	540,640	23,512	.225	.....	.....	.....	.....	21,759	21,235	47,459
1943 monthly average ..	26,470	255,377	4,993	.225	.....	.....	.....	.....	25,333	24,257	37,791
1944 monthly average ..	12,009	102,409	9,470	.225	.....	.....	.....	.....	8,598	20,924	42,956
1945 monthly average ..	8,786	107,557	12,440	.225	.....	.....	.....	.....	5,309	20,086	34,713
1946 monthly average ..	23,133	184,443	32,074	.225	.....	.....	.....	.....	6,115	22,951	33,294
1947											
January.....	45,328	294,191	88,972	.249	62,103	58,764	115,655	3,450	25,545	27,715	30,053
February.....	40,983	283,479	60,598	.258	59,125	53,321	119,912	2,173	23,990	25,484	27,417
March.....	43,104	280,812	36,088	.258	57,478	55,514	121,322	710	26,209	26,157	1031,940
April.....	43,818	292,970	45,984	.245	50,117	54,333	116,829	665	26,696	25,066	1033,527
May.....	43,018	330,960	93,026	.206	39,069	48,692	105,291	441	25,408	21,908	1037,145
June.....	42,529	345,175	65,724	.163	35,681	42,580	97,612	2,290	24,144	21,283	1039,598
July.....	40,389	131,624	56,911	.155	31,917	37,607	129,728	454	21,252	20,433	1239,704
August.....	47,289	130,040	45,607	.152	32,901	39,001	91,288	287	21,658	21,093	40,130
September.....	50,557	122,097	46,244	.166	30,518	41,865	79,246	349	22,561	23,801	38,461
October.....	57,286	114,115	49,817	.202	33,834	45,668	67,379	202	25,648	26,735	36,643
November.....	52,076	110,752	50,946	.238	37,825	39,091	67,871	198	23,161	26,425	36,425
December.....	56,284	129,038	71,596	.215	38,134	43,230	62,366	369	25,123	25,229	35,943
Monthly average.....	46,888	213,771	59,293	.208	42,392	46,639	95,208	966	24,283	24,033	35,582
1948											
January.....	58,174	136,227	80,564	.219	39,428	43,003	60,290	419	25,634	25,885	36,307
February.....	51,012	148,081	54,749	.205	39,025	35,375	65,649	464	23,678	22,374	38,444
March.....	54,444	130,295	72,069	.204	43,940	38,222	72,885	387	24,089	24,362	38,313
April.....	50,616	123,248	40,802	.229	40,846	34,632	78,722	569	21,802	22,322	37,946
May.....	52,022	112,724	40,661	.233	42,866	35,268	85,734	400	21,043	21,975	36,612
June.....	55,701	119,818	64,725	.228	41,207	39,204	89,088	305	22,504	23,786	35,898
July.....	48,769	128,446	63,824	.243	41,267	34,511	96,140	278	17,712	19,291	34,302
August.....	53,366	129,622	68,133	.237	39,630	39,339	97,197	307	20,255	22,917	32,025
September.....	52,131	123,912	50,556	.228	37,890	39,215	98,246	669	21,805	23,478	30,198
October.....	49,617	118,187	61,010	.222	41,419	38,367	102,842	451	23,859	23,512	31,879
November.....	51,632	113,251	50,613	.197	40,779	37,690	107,297	348	23,050	22,170	33,378
December.....	45,985	141,541	87,635	.189	42,133	35,446	115,111	486	21,430	21,377	32,630
Monthly average.....	52,278	127,113	61,278	.219	40,695	36,839	89,100	424	22,238	21,759	34,828
1949											
January.....	50,188	125,050	67,680	.192	38,890	37,085	118,357	632	19,741	19,031	32,868
February.....	46,285	118,803	57,161	.185	36,103	34,889	118,932	342	18,270	17,712	32,738
March.....	53,108	117,664	56,679	.191	36,063	39,041	116,843	975	19,991	19,508	33,397
April.....	47,859	112,916	50,623	.185	35,445	36,529	114,944	509	18,463	18,649	32,825
May.....	46,128	111,875	53,434	.178	32,335	35,528	112,739	622	18,184	18,323	32,326
June.....	47,117	103,626	51,217	.163	31,953	37,211	106,813	587	18,849	19,316	30,684
July.....	40,597	103,017	46,187	.164	34,270	30,094	113,595	691	14,626	15,966	29,126
August.....	45,307	99,850	49,579	.167	33,885	34,419	111,333	384	17,813	19,297	27,526
September.....	43,978	100,618	45,620	.176	30,878	32,443	110,848	425	18,304	18,517	26,257
October.....	51,243	90,733	47,285	.163	28,015	33,687	103,955	425	20,683	19,638	26,619
November.....	52,093	99,208	67,152	.167	28,619	31,684	101,430	478	19,382	18,512	27,801
December.....	52,919	106,619	67,934	.177	27,234	31,771	98,042	674	19,723	18,210	28,630
Monthly average.....	47,877	107,498	55,046	.176	32,808	34,532	110,653	562	18,669	18,557	30,036
1950											
January.....	59,992	108,769	58,261	.184	27,808	33,966	92,284	580	19,447	20,106	27,319
February.....	56,580	104,477	54,175	.195	29,336	31,860	88,381	596	20,424	19,741	27,256
March.....	60,859	101,691	61,481	.197	33,003	37,647	86,824	635	23,037	22,151	27,602
April.....	57,914	106,124	76,828	.238	34,821	38,075	83,440	777	22,683	21,318	28,352
May.....	63,813	100,776	60,187	.286	37,320	46,398	74,524	646	24,876	24,158	27,837
June.....	63,333	99,457	77,876	.309	38,569	48,608	65,346	634	25,869	25,253	28,470
July.....	61,402	93,653	62,004	.384	43,820	43,687	67,085	724	24,374	22,377	30,371
August.....	64,297	87,146	72,703	.521	43,950	50,379	63,654	631	27,312	26,151	31,793
September.....	61,281	87,409	61,153	.558	44,460	49,550	59,059	645	29,648	29,250	33,395
October.....	69,178	83,215	78,740	.638	44,690	54,507	51,751	678	32,685	32,785	33,530
November.....	51,340	81,658	73,393	.732	48,417	48,261	51,636	581	30,171	30,260	33,960
December.....	44,999	89,215	69,261	.714	52,199	53,364	52,758	749	32,480	29,905	35,708
Monthly average.....	60,022	95,299	67,172	.413	39,682	44,857	69,729	656	26,084	25,311	30,466

For footnotes giving source of data and description of series, see pp. 285, 286.

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RUBBER AND RUBBER PRODUCTS—TIRES AND TUBES

YEAR AND MONTH	PNEUMATIC CASINGS							INNER TUBES				
	Production ¹	Shipments ¹				Stocks, end of month ¹	Exports ²	Production ¹	Shipments ¹	Stocks, end of month ¹	Exports ²	
		Total	Original equipment	Replacement equipment	Export							
Thousands												
1935 monthly average ..	4,113	4,182	1,605	2,450	126	9,681	75	3,990	4,006	9,023	53	
1936 monthly average ..	4,670	4,449	1,787	2,572	89	8,752	72	4,753	4,535	8,908	50	
1937 monthly average ..	4,442	4,457	1,863	2,491	104	11,358	85	4,364	4,397	11,328	52	
1938 monthly average ..	3,409	3,594	960	2,547	87	9,089	71	3,154	3,358	8,868	44	
1939 monthly average ..	4,801	4,792	1,517	3,169	107	8,927	99	4,221	4,266	7,826	71	
1940 monthly average ..	4,932	4,898	1,854	2,945	98	9,778	92	4,353	4,351	7,598	71	
1941 monthly average ..	5,128	5,514	2,065	3,325	124	7,100	120	4,786	4,975	6,486	85	
1942 monthly average ..	1,279	1,313	557	739	17	5,717	108	1,057	1,189	6,043	105	
1943 monthly average ..	1,702	2,075	511	1,546	19	2,733	215	1,251	1,584	3,384	212	
1944 monthly average ..	2,787	2,780	555	2,203	22	2,141	160	2,291	2,269	2,691	163	
1945 monthly average ..	3,710	3,581	499	3,040	42	2,011	133	3,478	3,359	2,926	110	
1946 monthly average ..	6,858	6,859	1,276	5,458	126	3,192	205	6,438	6,342	4,202	156	
1947												
January.....	8,508	7,495	1,924	5,359	213	3,322	373	8,430	6,757	4,949	297	
February.....	7,915	7,356	2,138	5,013	206	3,865	316	7,674	6,001	6,493	250	
March.....	8,577	7,889	2,458	5,138	293	4,515	338	7,932	6,165	7,920	274	
April.....	8,334	7,291	1,894	5,077	320	5,608	391	7,105	5,520	9,460	305	
May.....	8,105	7,283	2,005	4,912	365	6,426	474	5,671	5,465	9,743	452	
June.....	7,583	7,524	2,130	5,092	302	6,572	398	5,408	5,640	9,391	306	
July.....	6,790	7,440	1,974	5,230	235	5,838	343	4,610	6,158	7,878	268	
August.....	7,165	7,519	1,793	5,451	276	5,464	343	5,177	6,322	6,837	217	
September.....	7,919	8,244	2,128	5,828	289	5,189	319	6,546	7,098	6,391	196	
October.....	8,889	8,637	2,178	6,132	327	5,513	319	7,626	7,446	6,427	206	
November.....	7,716	7,924	2,097	5,611	215	5,277	225	6,457	6,256	6,683	137	
December.....	8,050	6,582	2,338	4,028	216	6,949	243	6,545	5,262	8,059	135	
Monthly average.....	7,963	7,599	2,088	5,239	271	5,378	340	6,598	6,174	7,519	254	
1948												
January.....	7,852	5,920	2,330	3,435	155	8,806	195	6,218	5,035	9,075	101	
February.....	6,386	5,107	2,019	2,890	198	10,172	193	4,976	4,429	9,657	120	
March.....	6,931	5,703	2,366	3,186	152	11,357	161	5,530	5,185	9,917	126	
April.....	6,574	7,029	2,265	4,623	140	10,940	166	5,573	5,759	9,737	117	
May.....	6,931	6,245	1,819	4,293	133	11,611	143	5,694	5,444	10,069	95	
June.....	7,585	7,815	2,189	5,465	161	11,436	144	6,708	6,777	9,997	100	
July.....	6,667	7,880	2,380	5,371	129	10,207	175	5,729	6,818	8,760	127	
August.....	6,957	7,849	2,291	5,423	134	9,353	113	6,618	6,928	8,527	75	
September.....	6,909	6,711	2,115	4,471	125	9,802	107	6,171	6,210	8,748	67	
October.....	6,735	6,490	2,436	3,899	155	9,905	125	6,321	6,064	8,915	85	
November.....	6,084	5,591	2,335	3,139	117	10,476	86	5,462	5,126	9,303	55	
December.....	5,702	5,441	2,299	2,953	189	10,698	188	5,032	4,723	9,641	135	
Monthly average.....	6,776	6,482	2,237	4,096	149	10,397	150	5,836	5,708	9,362	100	
1949												
January.....	5,899	5,287	2,303	2,857	127	11,339	179	5,013	4,872	9,815	130	
February.....	5,893	4,867	2,171	2,591	105	12,385	161	4,874	4,361	10,442	142	
March.....	6,580	5,904	2,518	3,232	155	13,071	142	5,889	5,118	10,960	113	
April.....	6,759	6,609	2,770	3,717	121	13,191	171	5,977	5,344	11,748	110	
May.....	6,934	6,822	2,379	4,322	121	13,301	169	6,005	5,237	12,410	127	
June.....	7,392	7,534	3,233	4,185	116	13,135	130	6,343	6,345	12,306	89	
July.....	6,264	7,695	3,099	4,488	108	11,717	120	5,230	6,297	11,364	80	
August.....	6,228	7,769	3,192	4,463	114	9,970	134	5,165	6,600	9,858	72	
September.....	5,623	6,756	3,079	3,564	113	8,930	123	4,891	5,852	8,875	81	
October.....	6,489	6,782	2,937	3,689	156	8,698	151	5,261	5,489	8,609	105	
November.....	6,037	5,262	1,746	3,417	99	9,542	109	5,141	4,163	9,645	53	
December.....	6,272	5,229	2,158	2,940	131	10,638	120	5,325	4,179	10,657	60	
Monthly average.....	6,364	6,376	2,632	3,622	122	11,327	142	5,426	5,321	10,558	97	
1950												
January.....	6,811	5,895	3,093	2,679	123	11,366	124	5,626	5,365	10,926	49	
February.....	6,675	6,196	3,246	2,843	107	11,797	92	5,800	5,667	11,059	50	
March.....	7,312	6,783	2,828	3,841	113	12,321	96	6,219	5,803	11,466	51	
April.....	7,557	7,505	2,975	4,421	109	12,338	89	6,220	6,152	11,710	57	
May.....	8,613	8,502	3,119	5,280	103	12,367	94	7,015	6,755	12,110	48	
June.....	8,455	10,171	4,056	6,003	111	10,792	94	7,458	8,544	11,946	55	
July.....	8,297	12,002	3,884	8,011	106	7,004	373	6,936	9,738	8,422	33	
August.....	8,194	10,579	4,093	6,369	116	4,794	375	7,263	9,257	6,619	33	
September.....	7,833	8,216	3,813	4,292	111	4,374	3107	7,093	7,586	6,198	50	
October.....	8,667	8,684	3,783	4,750	151	4,382	3108	7,886	7,378	6,400	68	
November.....	7,521	7,494	3,214	4,130	150	4,810	3152	6,629	6,099	6,963	102	
December.....	6,819	7,562	3,245	4,188	129	3,794	3116	6,035	6,379	6,725	77	
Monthly average.....	7,730	8,299	3,446	4,734	119	8,345	3102	6,682	7,060	9,212	56	

For footnotes giving source of data and description of series, see p. 286.

STONE, CLAY, AND GLASS PRODUCTS—ABRASIVE, CEMENT, AND CLAY PRODUCTS

YEAR AND MONTH	Coated abrasive paper and cloth, ship-ments ²	PORTLAND CEMENT ²						CLAY PRODUCTS					
		Production		Ship-ments	Stocks, end of month		Brick, unglazed			Clay sewer pipe, vitrified ⁵		Structural tile, unglazed ⁶	
		Total	Percent of capac-ity		Finished	Clinker	Produc-tion ³	Ship-ments ³	Price, wholesale, common, composite, f.o.b. plant ⁴	Produc-tion	Ship-ments	Produc-tion	Ship-ments
1935 monthly average ..	63,794	6,373	29	6,245	21,985	6,246	.....	.....	11.768	55,848	.....	.....	.....
1936 monthly average ..	74,391	9,364	42	9,361	20,397	5,193	.....	.....	11.737	82,582	.....	.....	.....
1937 monthly average ..	79,192	9,707	45	9,501	23,930	6,689	.....	.....	12.048	81,095	.....	.....	.....
1938 monthly average ..	66,964	8,796	41	8,878	22,821	5,972	.....	.....	11.996	.....	.....	.....	.....
1939 monthly average ..	84,427	10,152	47	10,191	22,251	5,653	.....	.....	12.046	89,682	.....	.....	.....
1940 monthly average ..	94,067	10,858	50	10,860	23,163	5,538	.....	.....	12.129	80,120	.....	.....	.....
1941 monthly average ..	141,212	13,667	65	13,959	21,402	5,285	.....	.....	12.585	.....	.....	.....	.....
1942 monthly average ..	124,063	15,230	74	15,439	19,544	4,904	.....	250,444	13.209	7108,398	.....	.....	782,845
1943 monthly average ..	137,170	11,124	54	10,631	21,752	5,172	159,832	200,260	13.428	77,258	75,685	70,412	82,364
1944 monthly average ..	127,794	7,570	37	7,853	20,900	5,812	156,533	167,068	14.287	61,578	65,152	59,666	66,733
1945 monthly average ..	121,525	8,568	43	8,867	17,805	5,133	190,787	197,889	15.891	58,126	64,710	61,543	66,486
1946 monthly average ..	148,281	13,650	68	14,111	12,683	4,802	405,716	386,899	18.127	90,066	89,798	106,115	103,638
1947													
January.....	151,364	13,406	66	8,395	15,931	4,593	372,740	321,982	19.315	113,042	103,946	111,476	97,156
February.....	143,017	12,618	68	8,434	20,112	5,354	333,811	265,768	19.361	104,549	93,286	96,411	81,220
March.....	158,716	14,205	69	12,133	22,178	5,996	338,606	324,976	19.400	109,309	107,813	96,357	94,968
April.....	155,873	14,566	74	15,414	21,331	6,338	377,542	382,694	19.412	101,914	107,851	105,328	104,559
May.....	146,352	13,389	66	15,328	19,388	6,353	412,218	402,388	19.416	117,018	114,588	105,269	105,452
June.....	134,834	15,971	81	18,179	17,095	5,746	414,335	406,875	19.550	115,717	111,547	101,088	97,181
July.....	126,722	16,342	80	20,099	13,337	5,514	439,896	457,167	19.668	109,686	110,012	118,348	109,699
August.....	130,489	17,480	86	20,365	10,452	4,655	467,976	458,861	19.937	111,418	110,754	113,157	113,253
September.....	146,111	17,319	88	19,840	7,921	3,889	457,859	485,571	20.374	117,038	117,530	111,471	110,841
October.....	146,754	18,300	90	20,562	5,668	3,114	512,282	539,641	20.490	120,704	119,913	116,610	119,565
November.....	145,409	16,814	85	16,267	6,209	4,655	463,178	453,369	20.636	117,435	110,906	106,096	100,550
December.....	125,743	16,123	79	12,379	9,975	3,605	435,924	431,425	20.843	120,892	116,647	97,400	95,441
Monthly average.....	142,615	15,544	78	15,616	14,133	4,857	418,864	410,893	19.867	113,227	110,399	106,584	102,490
1948													
January.....	111,889	14,541	71	9,205	15,336	4,299	368,068	334,734	21.836	118,720	98,540	84,790	77,184
February.....	139,066	13,347	70	8,338	20,340	5,196	318,294	294,242	21.912	110,777	93,973	84,003	75,614
March.....	161,110	14,502	71	13,957	20,886	6,072	393,734	414,440	22.066	131,353	122,307	99,564	97,898
April.....	160,918	16,041	80	19,047	17,880	5,930	446,266	495,745	22.391	122,561	124,272	110,051	113,784
May.....	158,554	17,740	86	19,544	16,086	5,650	498,550	496,418	22.514	120,424	120,808	109,351	111,276
June.....	171,412	17,757	89	21,426	12,422	5,032	542,133	544,988	22.761	127,663	128,137	113,275	116,194
July.....	146,164	18,721	90	20,994	10,149	4,514	544,858	546,608	23.032	118,119	125,139	113,349	116,291
August.....	191,199	18,961	91	20,705	8,355	3,916	571,525	563,048	23.203	129,417	131,131	114,541	122,282
September.....	191,884	18,605	93	19,938	7,061	3,068	558,585	553,580	23.368	128,578	132,013	110,412	111,321
October.....	165,337	19,349	93	20,324	6,094	2,824	595,584	556,409	23.599	135,565	135,123	111,992	110,948
November.....	139,414	18,435	92	18,110	6,399	2,781	521,308	493,302	23.812	128,423	120,233	108,111	103,823
December.....	122,239	17,425	84	12,741	11,084	3,781	483,574	413,324	23.868	124,647	100,836	103,514	94,289
Monthly average.....	154,932	17,119	84	17,027	12,674	4,422	486,873	475,570	22.864	124,687	119,376	105,246	104,242
1949													
January.....	125,701	15,261	73	8,756	17,591	5,475	397,475	313,081	24.085	116,732	83,765	102,590	86,615
February.....	131,393	13,751	73	9,134	22,206	6,752	353,047	294,389	24.060	115,016	80,622	103,266	91,368
March.....	143,753	15,439	74	14,539	23,104	7,764	408,228	387,010	24.050	125,551	112,601	120,313	107,710
April.....	132,813	17,682	85	17,779	22,977	7,560	429,418	414,117	24.021	125,901	112,316	117,386	101,729
May.....	120,863	18,622	86	19,426	22,170	7,440	469,445	441,354	24.002	127,394	117,243	114,599	114,844
June.....	123,343	18,279	87	20,667	19,785	6,922	499,255	472,656	24.000	125,783	120,722	113,968	113,674
July.....	111,262	18,856	87	19,321	19,313	6,212	458,733	452,293	23.964	106,355	111,033	123,417	107,375
August.....	132,950	18,715	87	23,633	14,381	5,798	517,668	516,764	24.045	126,918	132,116	123,856	120,323
September.....	144,716	19,181	92	22,763	10,797	4,461	502,587	509,090	24.043	123,780	129,502	112,070	117,448
October.....	148,461	19,070	88	21,278	8,569	3,610	522,377	535,362	24.010	122,773	136,255	113,588	109,360
November.....	126,936	18,040	86	17,269	9,352	3,387	501,700	508,100	24.075	126,879	120,462	109,699	103,402
December.....	124,653	16,967	78	11,628	14,706	4,587	464,372	407,417	24.053	119,931	92,961	102,875	85,597
Monthly average.....	130,570	17,489	83	17,183	17,078	5,831	460,359	437,636	24.079	121,918	112,467	113,136	104,954
1950													
January.....	145,157	15,202	70	9,632	20,275	6,141	377,462	340,532	24.035	107,038	90,768	95,136	74,672
February.....	144,609	13,115	67	9,824	23,583	7,454	341,363	315,236	24.103	103,166	82,929	89,052	79,677
March.....	157,524	14,301	66	14,669	23,216	8,821	400,262	437,827	24.152	121,599	113,028	100,054	104,173
April.....	154,385	18,134	85	18,424	22,936	8,626	455,361	524,096	24.225	84,268	100,958	97,854	111,943
May.....	165,746	19,941	90	22,834	20,050	8,142	568,727	611,661	24.475	127,021	148,458	117,787	128,405
June.....	165,781	20,001	93	24,749	15,298	7,346	594,060	649,930	24.721	144,680	160,686	119,729	127,351
July.....	151,278	20,709	94	23,167	12,848	6,388	578,226	599,337	25.032	136,780	153,788	118,564	125,376
August.....	258,575	21,884	99	25,144	9,608	4,900	646,626	675,227	25.208	154,284	163,664	119,340	136,438
September.....	206,809	20,945	98	22,910	7,642	4,029	604,826	630,472	25.616	155,678	152,847	115,975	120,108
October.....	197,500	22,461	102	24,167	5,945	2,852	659,927	660,309	25.866	154,904	156,610	119,729	119,054
November.....	177,371	20,226	95	19,791	6,382	2,962	606,726	590,905	26.057	131,668	129,489	105,879	104,304
December.....	155,823	19,116	87	12,477	13,018	3,925	499,694	450,800	26.378	127,951	114,439	95,265	85,471
Monthly average.....	173,380	18,836	87	18,982	15,067	5,966	527,772	540,528	24.984	129,086	130,639	107,864	109,748

For footnotes giving source of data and description of series, see pp. 286, 287.

STONE, CLAY, AND GLASS PRODUCTS—GLASS PRODUCTS

YEAR AND MONTH	GLASS PRODUCTS																		
	Glass containers ¹											Other glassware, machine-made ²							
	Pro- duc- tion	Shipments, domestic										Stocks, end of month	Tumblers			Table, kitchen, and house- hold ware, ship- ments			
		Total	General-use food		Bev- er- age	Beer bot- tles	Liquor and wine	Medic- inal and toi- let	Chem- ical, house- hold and indus- trial	Dairy prod- ucts	Fruit jars and jelly glasses		Pro- duc- tion	Ship- ments	Stocks				
			Narrow neck	Wide mouth (incl. packers' tum- blers)															
Thousands of gross																Thousands of dozens			
1935 monthly average ..	3,230	3,137	257	684	111	112	472	1,035	181	172	113	8,001	.....	.....	.....	.....			
1936 monthly average ..	3,777	3,798	291	798	176	223	621	1,192	219	205	74	7,620	.....	.....	.....	.....			
1937 monthly average ..	4,418	4,187	298	820	261	359	661	1,249	217	215	106	7,706	.....	.....	.....	.....			
1938 monthly average ..	3,614	3,627	264	764	229	178	615	1,089	228	183	77	8,570	.....	.....	.....	.....			
1939 monthly average ..	4,289	4,114	308	871	262	195	656	1,269	274	199	80	8,338	3,369	3,233	7,097	.....			
1940 monthly average ..	4,539	4,374	317	916	319	245	732	1,287	293	205	60	9,660	3,633	3,514	7,782	.....			
1941 monthly average ..	5,901	5,784	402	1,185	462	386	896	1,664	410	271	107	8,938	4,417	4,373	7,943	.....			
1942 monthly average ..	6,599	6,640	463	1,615	400	773	932	1,582	431	276	168	9,158	4,246	4,239	8,536	.....			
1943 monthly average ..	7,805	7,960	603	2,220	464	693	749	1,947	660	260	363	5,558	4,627	4,693	6,718	.....			
1944 monthly average ..	8,326	8,039	631	2,204	575	940	782	1,803	716	247	241	4,929	5,680	5,471	7,170	2,830			
1945 monthly average ..	8,772	8,667	741	2,445	567	863	885	1,969	692	301	205	4,325	5,544	5,584	4,876	2,969			
1946 monthly average ..	9,639	9,462	873	2,890	538	565	1,203	2,164	689	325	216	3,971	6,837	6,686	4,910	3,912			
1947																			
January.....	11,153	10,101	743	³ 3,078	623	832	1,420	2,295	725	359	³ 25	4,167	7,586	6,352	5,095	4,489			
February.....	9,281	8,650	679	³ 2,445	569	804	1,262	1,947	620	286	³ 38	4,554	4,835	4,736	6,478	2,668			
March.....	10,582	9,645	918	2,481	760	1,140	1,293	1,906	658	356	133	5,141	6,272	5,975	5,575	3,213			
April.....	10,358	9,637	1,050	2,307	853	1,342	993	1,967	610	354	161	5,475	6,639	6,140	6,262	3,454			
May.....	10,578	9,492	1,007	2,079	962	1,697	761	1,844	573	341	227	6,085	6,769	6,234	6,672	3,581			
June.....	9,619	8,316	928	1,650	1,093	1,616	663	1,309	433	305	320	6,849	6,210	5,261	7,729	3,331			
July.....	8,877	8,127	764	1,754	1,152	1,263	575	1,449	397	308	464	7,065	4,993	4,346	7,775	2,302			
August.....	9,476	8,858	1,285	2,322	1,212	676	627	1,479	466	307	486	7,300	5,854	4,867	8,158	3,645			
September.....	9,384	8,781	1,528	2,189	1,040	632	778	1,645	452	290	227	7,478	4,688	5,994	7,940	3,483			
October.....	9,646	8,767	823	³ 2,251	955	744	1,279	1,794	589	315	³ 17	7,896	5,833	5,186	8,869	4,511			
November.....	8,402	7,703	473	³ 1,846	632	974	1,502	1,529	449	285	³ 13	8,132	4,674	4,961	8,694	4,181			
December.....	7,988	7,603	482	³ 1,745	526	1,271	1,167	1,603	419	384	³ 7	8,057	4,944	4,599	8,924	3,422			
Monthly average.....	9,612	8,807	890	² 2,174	865	1,083	1,027	1,731	532	324	⁴ 181	6,517	5,775	5,388	7,348	3,530			
1948																			
January.....	8,015	7,006	532	1,820	419	840	840	1,791	479	247	39	8,380	4,539	4,416	8,690	3,195			
February.....	7,320	6,886	578	1,759	630	765	783	1,584	502	244	39	8,488	4,325	4,296	8,741	3,051			
March.....	8,977	10,399	969	2,518	1,338	1,055	1,060	2,281	813	272	92	6,724	5,223	5,314	8,659	4,147			
April.....	8,951	7,383	549	1,769	728	605	786	1,861	470	339	275	7,876	5,422	5,628	8,510	3,714			
May.....	8,820	7,902	653	1,976	849	692	781	1,638	535	210	568	8,419	5,278	5,277	8,398	3,847			
June.....	8,107	7,385	829	1,865	884	641	604	1,465	501	201	395	8,799	4,357	4,742	8,155	3,351			
July.....	7,779	7,585	899	2,041	843	729	641	1,413	513	231	276	8,704	4,036	4,805	7,507	2,977			
August.....	8,934	8,399	1,121	2,333	569	571	868	1,806	613	275	244	8,676	4,618	4,676	7,397	3,052			
September.....	8,737	10,354	1,795	2,581	589	692	1,136	2,307	764	338	151	7,164	4,636	5,038	6,987	3,402			
October.....	9,075	8,170	823	2,161	460	422	1,308	2,008	648	320	20	7,776	5,852	5,427	7,150	4,301			
November.....	7,214	6,469	534	1,771	246	321	1,263	1,592	443	290	8	8,306	5,398	4,873	7,662	3,225			
December.....	6,751	6,026	569	1,731	250	332	872	1,564	417	281	11	8,745	4,835	4,347	8,245	2,785			
Monthly average.....	8,223	7,831	821	2,027	650	639	912	1,776	558	271	176	8,188	4,877	4,903	8,009	3,421			
1949																			
January.....	7,302	6,203	601	1,761	159	278	811	1,792	507	277	16	9,459	4,722	4,288	8,366	2,959			
February.....	6,501	6,029	589	1,667	218	327	799	1,605	540	244	39	9,713	4,707	4,450	8,693	3,084			
March.....	7,288	6,929	645	1,822	396	464	1,035	1,678	563	262	64	9,801	4,796	5,038	8,474	3,645			
April.....	7,035	6,869	649	1,763	538	480	841	1,612	587	251	148	9,763	4,621	4,905	8,270	3,264			
May.....	7,663	7,811	715	2,020	816	567	840	1,666	628	227	333	9,374	5,242	5,055	8,615	3,672			
June.....	8,036	7,928	701	2,084	1,025	646	837	1,584	553	242	255	9,270	4,608	4,993	8,154	3,368			
July.....	8,108	7,746	748	2,022	911	538	874	1,526	561	253	311	9,425	4,148	4,197	7,689	2,528			
August.....	8,662	8,933	1,108	2,528	486	443	942	1,992	728	346	359	8,906	4,907	5,157	7,715	3,323			
September.....	7,550	7,981	1,164	1,965	206	317	1,121	1,975	687	341	205	8,318	4,770	4,734	7,618	3,349			
October.....	8,283	7,737	760	³ 2,157	164	298	1,359	2,024	652	308	³ 15	8,602	5,521	5,436	7,676	3,801			
November.....	7,375	6,963	632	³ 1,871	176	304	1,227	1,887	611	255	(³)	8,735	4,940	4,961	7,615	3,647			
December.....	6,963	6,321	521	³ 1,693	228	333	975	1,823	444	304	(³)	9,145	4,853	3,756	8,584	2,617			
Monthly average.....	7,564	7,287	736	⁴ 1,944	444	416	972	1,764	589	276	⁴ 147	9,209	4,820	4,748	8,122	3,271			
1950																			
January.....	7,952	7,379	640	³ 2,291	231	325	826	2,127	669	256	³ 14	9,352	6,125	4,981	9,825	2,644			
February.....	7,290	6,748	680	³ 1,968	290	263	785	1,809	667	253	³ 33	9,595	5,578	5,552	9,820	3,179			
March.....	8,204	8,129	775	2,111	479	451	1,140	2,062	771	277	64	9,454	6,061	6,251	9,642	3,900			
April.....	8,420	7,649	876	1,871	592	475	964	1,856	633	228	194	10,006	6,515	6,168	9,938	3,266			
May.....	9,377	9,371	1,274	2,217	841	632	993	2,158	730	272	253	9,714	6,591	6,223	10,237	3,394			
June.....	9,125	9,045	819	2,375	1,064	715	908	1,849	724	280	312	9,382	5,635	5,699	8,719	3,117			
July.....	8,870	9,141	844	³ 2,476	845	700	1,095	1,909	649	290	³ 333	8,931	5,209	5,264	8,667	2,530			
August.....	9,133	11,132	1,170	3,204	492	669	1,551	2,501	819	385	342	6,743	6,548	7,222	8,091	3,671			
September.....	8,673	10,437	1,572	2,672	305	582	1,343	2,576	822	369	197	4,865	5,925	6,070	8,118	3,356			
October.....	10,612	8,967	953	³ 2,474	340	563	1,275	2,228	779	354	(³)	6,123	6,994	5,498	8,877	3,846			
November.....	9,451	8,104	669	³ 2,145	325	459	1,257	2,235	687	327	(³)	7,079	5,876	6,107	9,593	3,313			
December.....	9,321	9,153	786	³ 2,272	654	532	1,317	2,397	791	404	(³)	6,776	5,702	5,253	9,887	3,218			
Monthly average.....	8,869	8,771	922	⁶ 2,340	538	531	1,121	2,142	728	308	⁷ 178	8,168	6,063	5,857	9,284	3,2868			

STONE, CLAY, AND GLASS PRODUCTS—GYPSUM AND PRODUCTS

YEAR AND MONTH	GYPSUM AND PRODUCTS ¹										
	Crude gypsum		Cal-cined, pro-duc-tion	Gypsum products sold or used							Indus-trial plas-ters
	Imports	Produc-tion		Uncal-cined	Cal-cined						
					For building uses						
					Base-coat plas-ters	Keene's cement	All other build-ing plas-ters	Lath	Tile	Wall-board	
Short tons								Thousands of square feet		Short tons	
1935 quarterly average.	112,563	470,282	346,207	148,783	196,455	5,639	58,760	63,000	3,050	65,000	25,908
1936 quarterly average.	169,247	669,039	499,271	207,671	258,028	8,042	91,699	119,750	5,575	86,125	29,672
1937 quarterly average.	224,371	753,512	595,695	215,206	322,135	8,565	86,588	184,732	5,955	96,327	31,463
1938 quarterly average.	197,356	667,820	555,264	185,582	288,971	5,881	73,715	201,744	5,004	92,958	23,562
1939 quarterly average.	327,020	798,899	709,076	211,178	350,058	6,798	86,587	284,276	7,542	102,747	27,716
1940 quarterly average.	351,303	916,032	826,157	222,408	369,795	6,741	90,407	365,360	7,479	144,397	30,901
1941 quarterly average.	336,989	1,176,532	994,869	313,076	383,580	7,454	94,124	460,646	8,725	233,284	37,987
1942 quarterly average.	98,615	1,158,584	765,007	364,576	214,319	3,712	73,982	239,930	6,160	366,108	36,138
1943 quarterly average.	57,831	979,640	640,955	313,180	131,921	2,005	58,192	157,653	2,909	419,651	40,869
1944 quarterly average.	85,616	938,478	591,182	265,008	130,179	3,105	55,027	156,022	3,720	374,051	50,129
1945 quarterly average.	127,191	950,428	618,502	285,153	160,233	3,507	56,203	149,803	4,659	375,183	39,387
1946 quarterly average.	364,285	1,403,642	1,049,557	407,132	375,311	8,119	99,181	287,195	4,716	499,597	51,578
1947											
January.....	186,119	1,557,162	1,163,981	519,788	386,830	11,833	109,089	364,675	5,464	517,458	58,577
February.....											
March.....											
April.....	409,292	1,466,935	1,165,936	407,354	391,548	12,520	101,597	391,142	7,281	520,358	46,745
May.....											
June.....											
July.....	917,977	1,506,880	1,278,874	445,659	451,070	10,084	104,505	462,222	6,791	514,871	46,148
August.....											
September.....											
October.....	643,662	1,666,782	1,410,494	519,395	499,480	10,909	116,881	488,677	7,233	592,627	55,998
November.....											
December.....											
Quarterly average...	539,263	1,549,440	1,254,821	473,049	432,232	11,337	108,018	426,679	6,692	536,329	51,867
1948											
January.....	241,070	1,562,280	1,384,587	505,836	410,518	11,944	107,121	530,444	6,718	636,524	50,692
February.....											
March.....											
April.....	720,207	1,773,344	1,589,643	522,817	545,038	13,812	126,713	633,137	6,387	659,878	56,548
May.....											
June.....											
July.....	1,003,220	1,882,146	1,667,032	503,019	573,344	13,786	126,359	689,932	7,084	634,689	58,256
August.....											
September.....											
October.....	894,712	1,826,677	1,607,465	612,397	490,297	12,419	123,291	649,924	6,991	729,939	55,067
November.....											
December.....											
Quarterly average...	714,802	1,761,112	1,562,182	536,017	504,799	12,990	120,871	625,859	6,795	665,258	55,141
1949											
January.....	356,951	1,465,549	1,381,642	507,503	397,763	10,263	108,453	512,104	6,052	631,045	52,585
February.....											
March.....											
April.....	511,039	1,589,383	1,312,565	488,923	446,069	11,341	105,400	393,725	6,991	574,797	51,610
May.....											
June.....											
July.....	990,994	1,615,484	1,418,304	472,804	514,531	12,659	118,814	538,427	7,341	610,334	49,644
August.....											
September.....											
October.....	734,345	1,820,682	1,552,040	500,302	464,022	10,902	122,092	568,165	8,134	719,627	57,011
November.....											
December.....											
Quarterly average...	648,332	1,622,775	1,416,138	492,383	455,596	11,291	113,690	503,105	7,130	633,951	52,713
1950											
January.....	414,398	1,642,328	1,575,595	428,805	459,766	13,066	112,638	610,422	8,807	723,786	60,526
February.....											
March.....											
April.....	704,040	1,922,827	1,769,464	549,472	584,766	13,642	136,521	666,876	10,765	725,128	61,725
May.....											
June.....											
July.....	1,104,845	2,199,260	2,049,308	580,024	693,948	15,863	156,429	761,573	13,449	759,260	66,674
August.....											
September.....											
October.....	967,317	2,354,711	1,949,942	626,833	595,988	15,200	147,409	754,849	12,012	807,734	74,208
November.....											
December.....											
Quarterly average...	797,650	2,029,782	1,836,077	546,284	583,617	14,443	138,249	698,430	11,258	753,977	65,783

For footnotes giving source of data and description of series, see p. 288.

TEXTILE PRODUCTS—CLOTHING AND COTTON

YEAR AND MONTH	CLOTHING			COTTON (EXCLUSIVE OF LINTERS)										Exports ⁵	Imports ⁵
	Hosiery ¹			Production (ginnings) ²		Con- sump- tion ³	Stocks in the United States, end of month ⁴					Foreign cotton			
	Produc- tion	Ship- ments	Stocks, end of month	Running bales	Equiv- alent 500-lb. bales		Total	Domestic cotton							
								Total	On farms and in transit	Public storage and com- presses	Con- suming estab- lish- ments				
Thousands of dozen pairs			Thousands of bales ⁶		Bales ⁶	Thousands of bales ⁶					Bales ⁶				
1935 monthly average ..	9,294	9,272	18,661	710,420	710,638	470,889	11,493	11,426	3,024	7,407	996	67	488,378	8,788	
1936 monthly average ..	10,218	10,225	19,662	712,141	712,399	591,980	10,521	10,458	2,881	6,350	1,228	63	450,712	14,727	
1937 monthly average ..	10,554	10,502	22,000	718,252	718,945	618,166	12,203	12,121	4,315	6,224	1,581	82	477,334	20,608	
1938 monthly average ..	10,442	10,688	20,587	711,623	711,944	491,856	16,312	16,232	2,843	11,896	1,492	80	359,668	16,056	
1939 monthly average ..	11,723	11,395	23,662	711,481	711,816	614,155	17,491	17,417	2,614	13,549	1,254	74	379,907	12,367	
1940 monthly average ..	11,206	11,344	24,947	712,298	712,565	671,020	16,221	16,136	3,205	11,619	1,312	85	303,035	13,829	
1941 monthly average ..	12,497	12,688	23,909	710,495	710,742	882,190	17,002	16,877	2,739	12,270	1,868	125	95,647	27,396	
1942 monthly average ..	12,325	12,391	21,616	712,438	712,820	952,787	16,318	16,180	3,157	10,755	2,268	138	87,770	19,071	
1943 monthly average ..	12,440	12,742	18,054	711,129	711,429	888,829	15,853	15,755	2,756	10,775	2,223	99	133,919	11,947	
1944 monthly average ..	11,786	11,856	16,408	711,839	712,230	807,614	16,024	15,913	3,279	10,591	2,043	112	87,221	9,729	
1945 monthly average ..	11,320	11,222	13,244	718,813	719,016	761,780	15,322	15,210	2,987	10,176	2,047	112	204,707	21,762	
1946 monthly average ..	13,115	12,842	16,323	718,517	718,640	819,401	11,421	11,273	2,677	6,451	2,146	148	332,425	31,608	
1947															
January.....	14,683	13,444	18,042	.....	.....	949,994	8,756	8,605	1,257	5,182	2,166	151	289,672	10,499	
February.....	13,230	12,586	18,686	.....	.....	839,375	7,541	7,403	997	4,243	2,163	138	385,050	10,337	
March.....	12,935	12,641	18,980	718,517	.....	875,306	6,295	6,172	722	3,301	2,149	123	382,909	12,083	
April.....	12,724	12,224	19,480	.....	.....	882,390	5,150	5,033	528	2,463	2,042	117	275,104	9,898	
May.....	11,629	11,199	19,910	.....	.....	807,135	4,105	3,992	336	1,800	1,856	113	248,549	10,730	
June.....	10,546	10,503	20,795	.....	.....	729,412	3,136	2,987	218	1,168	1,601	149	302,773	62,029	
July.....	10,424	10,020	21,198	194	.....	677,780	2,530	2,398	220	856	1,322	132	83,918	8,163	
August.....	11,651	11,828	21,021	686	.....	712,864	13,151	13,016	11,155	788	1,073	135	37,066	4,984	
September.....	12,408	13,170	20,259	3,908	.....	728,606	12,344	12,207	8,617	2,533	1,058	137	123,545	42,715	
October.....	13,962	14,589	19,633	8,374	.....	828,576	11,482	11,307	4,905	5,029	1,373	175	133,100	97,729	
November.....	12,804	13,099	19,338	10,046	.....	759,866	10,571	10,389	3,359	5,300	1,730	182	164,565	10,673	
December.....	12,548	12,415	22,217	10,634	.....	754,847	9,604	9,432	1,943	5,438	2,051	172	229,553	15,319	
Monthly average.....	12,462	12,310	19,963	711,557	711,857	795,513	7,889	7,745	2,855	3,175	1,715	144	221,317	24,597	
1948															
January.....	13,483	13,206	22,494	.....	.....	860,704	8,542	8,383	1,207	5,053	2,123	159	214,098	9,251	
February.....	13,393	13,205	22,682	.....	.....	785,677	7,614	7,474	896	4,430	2,148	140	163,498	19,431	
March.....	14,215	14,340	22,557	711,557	.....	879,967	6,486	6,352	523	3,636	2,193	134	261,162	10,047	
April.....	13,313	12,803	23,067	.....	.....	829,960	5,516	5,391	472	2,824	2,095	125	155,080	14,344	
May.....	12,162	10,875	24,354	.....	.....	785,516	4,536	4,424	296	2,200	1,928	111	204,811	7,846	
June.....	12,471	11,231	23,742	.....	.....	800,347	3,608	3,506	197	1,642	1,667	102	132,898	3,090	
July.....	10,015	10,025	23,733	259	.....	627,462	3,080	2,991	274	1,308	1,409	89	148,594	8,078	
August.....	11,655	12,229	23,160	1,444	.....	728,863	16,641	16,561	13,668	1,703	1,190	80	114,584	9,847	
September.....	11,891	12,563	22,488	5,305	.....	738,794	15,758	15,634	10,329	4,091	1,214	124	170,911	98,368	
October.....	11,809	12,472	21,825	10,437	.....	696,505	14,828	14,698	6,028	7,278	1,391	130	246,061	11,697	
November.....	11,338	11,345	21,817	12,744	.....	685,881	13,717	13,592	3,624	8,410	1,558	125	428,432	51	
December.....	11,280	9,663	25,051	13,430	.....	675,466	12,526	12,410	2,050	8,785	1,575	116	521,568	5,443	
Monthly average.....	12,252	11,996	23,081	714,580	714,868	757,929	9,404	9,285	3,297	4,280	1,708	120	230,141	197,493	
1949															
January.....	11,222	10,853	25,420	.....	.....	674,283	11,463	11,353	1,596	8,203	1,554	110	402,923	12,244	
February.....	11,384	11,570	25,234	.....	.....	640,179	10,334	10,235	1,154	7,532	1,548	99	497,079	8,468	
March.....	12,060	12,907	24,386	714,580	.....	721,378	9,041	8,947	798	6,657	1,492	95	581,686	7,595	
April.....	11,155	11,721	23,820	.....	.....	598,502	7,858	7,766	539	5,842	1,385	91	590,178	4,497	
May.....	11,052	10,934	23,938	.....	.....	580,476	6,819	6,736	463	5,057	1,216	83	463,978	3,014	
June.....	11,926	11,303	25,800	.....	.....	600,651	5,715	5,639	253	4,388	998	76	508,246	4,057	
July.....	9,981	9,752	26,029	298	.....	454,426	5,287	5,218	256	4,128	834	69	221,287	11,218	
August.....	12,381	12,844	25,566	1,248	.....	663,008	20,076	20,019	15,408	3,979	632	57	167,616	5,324	
September.....	13,028	13,950	24,644	5,306	.....	708,623	19,214	19,142	12,198	6,246	698	72	211,372	52,180	
October.....	13,607	14,580	23,671	9,540	.....	725,628	18,093	18,012	8,494	8,442	1,077	81	415,088	13,789	
November.....	13,987	14,504	23,153	13,976	.....	772,216	16,904	16,837	4,879	10,552	1,407	67	433,596	12,419	
December.....	12,731	11,593	24,138	14,776	.....	733,833	15,531	15,466	3,186	10,675	1,605	66	656,897	12,895	
Monthly average.....	12,043	12,209	24,650	715,909	716,128	656,100	12,195	12,114	4,102	6,808	1,204	81	429,162	12,308	
1950															
January.....	13,592	13,124	24,606	.....	.....	729,738	14,289	14,194	2,401	10,085	1,708	994	529,916	10,982	
February.....	13,302	13,194	24,714	.....	.....	739,482	12,971	12,869	1,785	9,312	1,772	102	654,948	70,575	
March.....	14,103	14,239	24,578	715,909	.....	900,126	11,454	11,316	1,149	8,375	1,791	139	685,775	62,076	
April.....	12,225	11,438	25,364	.....	.....	710,662	10,287	10,153	988	7,490	1,676	133	470,653	8,456	
May.....	12,577	11,148	26,794	.....	.....	718,826	9,159	9,038	1,024	6,484	1,529	121	539,105	2,513	
June.....	12,520	11,918	28,613	.....	.....	841,868	7,463	7,355	642	5,357	1,356	108	740,533	1,490	
July.....	10,295	11,429	27,480	283	.....	606,878	6,846	6,749	350	5,161	1,238	98	264,982	2,332	
August.....	14,986	16,584	25,882	864	.....	807,840	15,087	15,001	9,374	4,545	1,082	86	355,975	4,730	
September.....	14,194	15,590	24,486	2,770	.....	968,484	13,771	13,695	7,643	4,871	1,181	76	372,381	22,732	
October.....	14,874	15,791	23,569	6,459	.....	835,155	12,681	12,613	4,816	6,358	1,439	68	283,816	11,889	
November.....	15,000	14,796	23,774	8,793	.....	1,008,872	11,366	11,311	2,538	6,984	1,789	54	371,870	9,118	
December.....	12,817	11,842	25,456	9,200	.....	784,057	10,174	10,117	1,512	6,651	1,955	57	448,561	6,407	
Monthly average.....	13,374	13,424	25,443	719,908	710,012	804,332	11,296	11,201	2,852	6,806	1,543	95	476,543	17,775	

For footnotes giving source of data and description of series, see pp. 288, 289.

TEXTILE PRODUCTS—COTTON AND MANUFACTURES

YEAR AND MONTH	COTTON (EXCLUSIVE OF LINTERS)		COTTON LINTERS ²			COTTON MANUFACTURES								
	Prices ¹		Con- sump- tion	Produc- tion	Stocks, end of month	Cotton cloth						Cotton yarn, Southern, prices, wholesale		
	Received by farmers	Wholesale, middling, 15/16", average, 10 markets				Broad-woven goods over 12 inches in width, produc- tion, quarterly ⁴	Exports ⁵	Imports ⁵	Prices, wholesale				22/1, cones, carded, white (mill) ⁶	40/1, skeins, twisted, carded (mill) ⁶
									Mill mar- gins ⁵	Denim, 28-inch ⁷	Print cloth, 38 1/2- inch, 64 x 60 ⁷	Sheet- ing, un- bleached, 36-inch, 56 x 60 ⁷		
	Cents per pound		Thousands of bales ³			Millions of linear yards	Thousands of square yards		Cents per pound	Cents per yard			Dollars per pound	
1935 monthly average ..	11.6	12.1	62	74	388	.....	15,464	5,306	11.91	14.1	6.3	7.6	0.305	0.413
1936 monthly average ..	11.8	12.3	64	83	378	.....	16,708	9,516	13.74	13.2	6.1	7.3	.295	.399
1937 monthly average ..	11.2	11.8	67	106	496	102,165	18,809	12,277	15.81	14.2	6.3	7.8	.300	.398
1938 monthly average ..	8.3	9.0	62	107	873	.....	25,466	4,857	11.10	10.3	4.5	5.4	.230	.317
1939 monthly average ..	8.9	9.3	79	92	932	102,072	29,728	9,319	11.74	11.0	4.7	5.6	.244	.327
1940 monthly average ..	9.9	10.2	93	88	741	.....	29,089	7,029	12.27	12.5	5.0	6.1	.244	.348
1941 monthly average ..	13.3	13.9	123	105	761	102,608	47,905	5,101	19.34	15.4	7.5	8.8	.355	.440
1942 monthly average ..	18.5	19.3	120	111	707	102,777	37,321	1,472	21.14	19.3	8.9	10.6	.417	.512
1943 monthly average ..	19.9	20.6	107	105	773	102,643	44,875	121,641	20.19	19.2	19.0	13.0	.414	.515
1944 monthly average ..	20.4	21.2	119	89	560	102,387	53,175	129,35	20.39	20.2	19.0	13.1	.426	.533
1945 monthly average ..	21.2	22.6	107	101	385	102,180	56,133	126,669	20.86	21.3	19.2	13.1	.457	.576
1946 monthly average ..	28.2	30.6	87	81	405	102,286	64,513	3,655	26.68	28.3	12.8	15.4	.590	1.789
1947														
January.....	29.7	31.9	95	137	473	2,482	87,006	1,687	51.60	33.8	19.2	22.0	.699	.819
February.....	30.6	33.3	80	96	489		87,935	1,203	52.36	33.8	24.8	23.2	.699	.819
March.....	31.9	35.2	86	68	488		126,774	888	53.37	33.8	25.5	23.2	.699	.819
April.....	32.3	35.1	85	50	476	2,462	138,412	907	51.25	33.8	22.7	23.2	.715	.882
May.....	33.5	36.0	80	34	420		147,437	1,146	47.86	33.8	21.6	23.2	.715	.882
June.....	34.1	37.2	70	23	383		125,349	472	46.46	33.8	22.8	23.2	.706	.882
July.....	35.9	37.5	83	23	346	2,309	129,216	1,076	49.49	33.8	24.2	23.2	.700	.890
August.....	33.2	34.3	81	32	288		140,711	883	56.12	33.8	25.1	23.2	.706	.921
September.....	31.2	31.6	91	106	294		128,921	1,624	60.05	33.8	25.5	23.2	.706	.921
October.....	30.7	31.7	104	204	362	2,569	142,285	1,196	60.96	33.8	26.8	23.2	.708	.926
November.....	31.9	33.6	99	185	417		123,561	718	63.82	33.8	27.7	23.4	.720	.951
December.....	34.1	35.8	101	176	474		102,417	4,161	64.70	33.8	28.3	23.9	.725	.960
Monthly average.....	32.4	34.4	88	95	409	102,456	123,335	1,330	54.84	33.8	24.6	23.2	.708	.891
1948														
January.....	33.1	35.2	102	165	510	2,585	93,907	2,308	64.31	33.8	26.1	24.0	.765	1.019
February.....	30.7	32.8	98	129	516		82,410	3,461	63.65	33.8	23.9	24.0	.804	1.098
March.....	31.8	34.2	104	105	522		75,598	2,364	58.26	33.8	20.8	24.0	.804	1.098
April.....	34.1	37.2	97	65	500	2,535	80,070	2,760	51.01	33.8	20.5	23.0	.804	1.098
May.....	35.3	37.6	99	47	459		79,889	3,813	47.86	33.8	19.8	23.0	.804	1.098
June.....	35.2	37.0	95	37	403		73,129	3,916	45.34	33.8	18.3	20.8	.796	1.088
July.....	33.0	34.0	86	31	361	2,257	71,937	2,670	45.58	33.8	17.7	19.5	.757	1.044
August.....	30.4	31.3	105	54	317		63,673	2,196	46.34	33.8	17.2	18.6	.715	1.002
September.....	30.9	31.2	109	169	357		62,456	1,433	41.76	33.8	16.4	18.1	.696	.965
October.....	31.1	31.2	115	223	436	2,265	83,294	2,604	37.55	33.8	15.7	17.8	.686	.941
November.....	30.5	31.5	116	218	526		58,030	2,007	35.35	33.8	15.5	17.4	.686	.917
December.....	29.6	32.2	114	204	609		116,046	2,216	33.99	33.8	15.8	17.2	.666	.882
Monthly average.....	32.2	33.8	103	121	460	102,410	78,370	2,646	47.58	33.8	18.9	20.6	.749	1.021
1949														
January.....	29.3	32.6	123	188	671	2,226	102,321	2,270	32.78	33.8	15.5	17.0	.659	.882
February.....	29.2	32.6	119	159	664		88,172	1,765	32.30	33.8	15.2	17.0	.642	.862
March.....	28.7	32.6	134	144	682		93,525	2,411	31.35	31.7	14.6	17.0	.629	.827
April.....	29.9	33.0	119	99	660	1,971	79,372	1,188	29.94	30.3	13.8	17.0	.612	.789
May.....	30.0	32.9	127	80	588		74,317	1,616	28.76	30.3	13.1	16.8	.604	.776
June.....	30.1	32.8	122	58	503		81,115	649	27.75	30.3	12.6	16.3	.598	.764
July.....	30.1	32.1	104	44	457	1,896	65,886	822	28.18	30.3	12.8	16.1	.600	.764
August.....	29.3	31.0	137	63	385		60,051	1,057	30.91	30.3	14.4	16.0	.610	.772
September.....	29.7	30.0	142	182	411		66,384	1,198	35.20	30.3	16.3	16.5	.620	.799
October.....	28.7	29.6	144	227	467	2,313	60,383	2,167	36.88	30.3	16.6	16.7	.639	.823
November.....	27.7	29.8	132	234	533		52,811	2,310	38.17	30.3	17.0	16.9	.647	.823
December.....	26.5	30.3	131	202	559		55,918	2,290	38.05	30.3	17.0	17.0	.647	.823
Monthly average.....	29.1	31.6	128	140	548	102,102	73,355	1,645	32.52	31.0	14.9	16.7	.625	.808
1950														
January.....	26.5	31.0	135	193	572	2,449	36,503	2,845	37.90	30.3	16.6	17.2	.647	.823
February.....	27.5	32.0	128	158	581		34,970	4,283	37.52	30.3	16.0	17.4	.632	.823
March.....	28.1	31.9	156	147	562		49,266	7,481	36.72	30.3	15.2	17.2	.627	.821
April.....	28.7	32.5	131	107	580	2,401	52,840	4,952	33.10	30.3	14.0	17.2	.620	.799
May.....	29.2	32.9	134	78	546		51,428	5,042	31.74	30.3	14.2	17.2	.602	.778
June.....	29.9	33.8	138	58	610		52,322	4,596	31.66	31.8	15.1	17.2	.605	.786
July.....	33.1	37.1	112	49	436	2,398	35,935	1,905	35.96	32.6	17.5	18.5	.671	.840
August.....	37.0	38.1	149	68	340		45,633	2,918	43.58	34.5	19.8	21.8	.776	.925
September.....	40.0	40.7	124	132	337		50,973	2,570	48.69	36.0	22.4	23.8	.833	1.007
October.....	38.9	39.8	129	207	409	2,639	50,162	2,796	49.36	36.4	21.5	24.5	.851	1.072
November.....	41.1	42.2	118	189	461		45,715	4,608	48.39	37.8	21.9	24.8	.877	1.147
December.....	40.4	42.6	110	145	518		53,549	3,593	50.21	38.3	22.5	25.0	.887	1.166
Monthly average.....	33.4	36.2	130	128	496	102,472	46,608	3,966	40.40	33.2	18.1	20.2	.719	.914

For footnotes giving source of data and description of series, see pp. 289-291.

TEXTILE PRODUCTS—COTTON MANUFACTURES, RAYON AND MANUFACTURES

YEAR AND MONTH	COTTON MANUFACTURES						RAYON AND MANUFACTURES								Rayon broad-woven goods, production, quarterly ⁵
	Spindle activity ¹						Yarn and staple fiber								
	Active spindles, last working day		Spindle hours operated			Operations as percent of capacity, total cotton	Consumption ²		Stocks, producers', end of month ³		Imports ⁴	Prices, wholesale ⁴			
	Total	100 percent cotton	All fibers		100 percent cotton		Fila-ment yarn	Staple fiber	Fila-ment yarn	Staple fiber		Yarn, viscose, 150 denier, first quality	Staple fiber, vis- cose, 1 1/2 denier		
			Total	Average per working day											
														Thousands		Millions of hours	Millions of pounds	Thous. of lb.	Dollars per pound	Millions of linear yds.
1935 monthly average ..	23,417		6,334	61.3	21.1	0.4	28.8	1.2	125	0.57	0.34				
1936 monthly average ..	23,381		7,647	78.3	24.8	1.0	20.0	0.8	1,083	.57	.30				
1937 monthly average ..	24,079		7,951	85.8	22.2	1.4	14.7	2.5	1,798	.62	.27				
1938 monthly average ..	22,039		6,354	70.5	22.8	2.7	52.6	2.7	1,957	.52	.25				
1939 monthly average ..	22,318		7,714	89.1	30.0	4.3	26.8	1.8	3,969	.52	.25				
1940 monthly average ..	22,411		8,190	96.2	32.4	6.3	9.3	10.0	1,485	.53	.25				
1941 monthly average ..	22,955		10,164	121.7	37.7	10.6	6.1	5.1	978	.54	.25				
1942 monthly average ..	23,051		11,128	134.8	39.1	12.7	6.6	3.0	16	.55	.25				
1943 monthly average ..	22,744		10,451	129.0	41.2	13.5	7.0	2.7	1	.55	.24	#404			
1944 monthly average ..	22,332		9,582	120.3	44.9	13.8	8.2	2.5	(?)	.55	.25	#401			
1945 monthly average ..	#22,169	#21,270	#8,899	#418	8,946	#109.1	50.2	13.8	6.7	3.6	204	.55	.25	#388	
1946 monthly average ..	22,648	21,475	9,613	450	9,123	117.6	55.5	14.6	8.8	2.5	2,850	.56	.25	#428	
1947															
January.....	23,112	21,919	11,133	495	10,584	129.6	62.4	15.1	7.9	2.7	5,770	.62	.28	463	
February.....	23,193	21,973	10,028	501	9,505	130.8	56.3	14.9	7.5	2.3	4,326	.67	.32		
March.....	23,179	21,959	10,574	504	10,014	131.6	60.0	16.2	7.6	3.1	4,350	.67	.32		
April.....	22,930	21,808	10,799	491	10,266	128.3	60.1	18.3	8.3	2.9	4,233	.67	.32	468	
May.....	22,716	21,631	10,415	484	9,929	125.6	59.5	18.6	9.0	3.8	2,501	.67	.32		
June.....	22,425	21,322	9,518	453	9,056	118.8	54.7	16.5	8.8	6.6	2,795	.67	.32		
July.....	22,519	21,383	8,975	408	8,530	107.0	62.3	18.4	9.2	7.7	2,327	.67	.32	453	
August.....	22,362	21,188	9,552	455	9,056	119.4	62.6	18.6	8.4	6.4	2,428	.67	.32		
September.....	22,661	21,459	9,982	464	9,454	121.0	61.5	20.3	8.6	6.4	3,265	.67	.32		
October.....	22,805	21,550	11,130	489	10,540	127.0	65.3	23.1	9.5	5.7	1,342	.67	.32	516	
November.....	22,734	21,438	10,146	520	9,557	134.8	62.2	20.3	9.3	5.3	1,674	.67	.32		
December.....	22,794	21,420	10,132	461	9,549	121.3	62.1	22.2	7.7	4.0	1,369	.73	.35		
Monthly average.....	22,786	21,588	10,199	477	9,670	124.6	60.7	18.6	8.5	4.7	3,032	.67	.32	#475	
1948															
January.....	22,819	21,471	11,423	531	10,754	139.8	68.9	22.7	8.6	4.8	2,711	.74	.36	560	
February.....	22,861	21,485	10,443	531	9,818	137.8	60.9	20.7	8.8	4.9	4,650	.74	.36		
March.....	23,079	21,711	11,690	508	11,007	133.7	68.1	22.7	9.4	4.8	5,219	.74	.36		
April.....	23,044	21,695	11,330	523	10,670	136.2	68.2	22.9	8.7	3.8	4,599	.74	.36	553	
May.....	23,054	21,723	10,703	522	10,082	134.2	68.6	22.1	9.3	4.0	3,975	.74	.36		
June.....	22,777	21,473	10,952	498	10,318	130.8	70.7	22.4	9.2	4.3	5,323	.74	.36		
July.....	22,675	21,328	8,759	417	8,212	104.6	72.2	22.2	9.3	4.2	4,580	.74	.36	526	
August.....	22,703	21,356	10,029	456	9,393	119.7	71.8	22.1	10.2	4.7	4,774	.76	.37		
September.....	22,686	21,305	10,054	468	9,424	121.7	69.9	22.0	9.9	4.8	4,194	.77	.37		
October.....	22,483	21,157	9,537	460	8,936	120.2	71.8	21.9	10.1	4.7	1,654	.77	.37	548	
November.....	22,513	21,220	9,271	431	8,699	112.1	70.4	21.3	12.3	5.4	2,822	.77	.37		
December.....	22,043	20,771	9,086	395	8,533	103.9	75.0	21.2	11.1	4.6	4,344	.77	.37		
Monthly average.....	22,728	21,391	10,273	478	9,654	124.5	69.7	22.0	9.7	4.6	104,062	.75	.36	#547	
1949															
January.....	22,186	20,942	8,967	427	8,437	112.1	69.8	17.8	15.2	6.2	2,824	.77	.37	518	
February.....	21,950	20,756	8,433	429	7,960	112.2	63.5	14.7	20.3	9.7	1,827	.77	.37		
March.....	21,515	20,427	9,357	407	8,922	106.9	57.9	7.8	32.9	16.2	1,433	.77	.37		
April.....	20,864	19,805	7,769	376	7,439	98.0	47.9	6.2	44.1	19.1	718	.77	.37	432	
May.....	20,936	19,856	7,727	359	7,348	93.9	52.1	7.8	49.8	20.4	297	.75	.36		
June.....	20,568	19,464	7,975	363	7,506	95.8	56.8	10.9	49.7	18.9	106	.71	.35		
July.....	20,134	19,008	5,984	299	5,622	79.6	58.8	13.7	48.6	16.8	32	.71	.35	463	
August.....	20,941	19,747	8,827	384	8,267	102.5	69.2	19.4	41.9	12.8	468	.71	.35		
September.....	21,180	19,975	9,287	432	8,725	115.2	74.8	22.7	31.1	7.8	257	.71	.35		
October.....	21,450	20,215	9,540	460	8,978	123.3	74.9	25.2	24.7	4.5	767	.71	.35	544	
November.....	21,557	20,314	10,021	466	9,442	124.8	75.7	24.4	18.9	3.5	2,952	.71	.35		
December.....	21,476	20,241	9,781	466	9,206	124.7	79.7	24.5	14.3	2.9	4,317	.71	.35		
Monthly average.....	21,230	20,063	8,639	406	8,154	107.4	65.1	16.3	32.6	11.6	1,333	.73	.36	#489	
1950															
January.....	21,463	20,217	9,663	496	9,091	133.0	78.0	24.0	14.6	3.3	4,016	.71	.35	591	
February.....	21,663	20,417	9,765	496	9,181	133.4	71.5	22.5	13.3	3.3	4,969	.71	.35		
March.....	21,596	20,340	11,808	472	11,130	127.3	80.9	25.4	12.3	3.6	6,710	.71	.35		
April.....	21,301	20,048	9,299	473	8,764	127.8	70.2	23.3	14.2	4.4	5,171	.71	.35	552	
May.....	21,458	20,229	9,467	473	8,935	128.1	76.8	25.5	15.6	5.5	8,076	.71	.35		
June.....	21,474	20,221	11,076	452	10,435	123.0	78.0	24.5	14.4	5.9	7,323	.71	.35		
July.....	21,794	20,525	7,754	408	7,284	110.9	79.7	25.8	13.1	4.6	6,653	.73	.36	569	
August.....	21,845	20,540	10,333	517	9,711	140.2	85.1	27.6	10.5	3.9	7,463	.74	.37		
September.....	21,945	20,609	12,638	516	11,860	139.7	79.0	25.5	10.0	2.8	8,960	.76	.37		
October.....	22,149	20,758	10,713	542	10,041	146.9	82.5	25.4	10.5	3.7	12,457	.76	.37	601	
November.....	22,153	20,751	12,979	530	12,171	143.2	80.5	25.6	11.2	3.5	12,958	.76	.37		
December.....	22,084	20,730	9,942	523	9,376	141.3	86.9	29.4	6.1	2.0	11,845	.77	.40		
Monthly average.....	21,744	20,449	10,453	492	9,832	132.9	79.1	25.4	12.2	3.9	8,050	.73	.36	#578	

For footnotes giving source of data and description of series, see p. 291.

TEXTILE PRODUCTS—SILK, WOOL AND MANUFACTURES

YEAR AND MONTH	SILK		WOOL						WOOL MANUFACTURES										
	Im-ports, raw ¹	Price, whole-sale, raw, Japan, 13/15 (N.Y.) ²	Consumption (scored basis) ³		Im-ports ⁴	Prices, wholesale, Boston ⁵			Machinery activity (weekly average) ⁶										
			Apparel class	Carpet class		Raw, territory, 64s, 70s, 80s, scoured	Raw, bright fleece, 56s, 58s, 70s, greasy, 47% shrinkage	Austra-lian, 64s, 70s, scoured, in bond	Looms ⁷					Spinning spindles		Worsted combs			
									Woolen and worsted			Carpet and rug		Woolen	Worsted				
									Pile and Jacquard	Broad	Nar-row	Broad	Nar-row						
Thous. of lb.	Dollars per lb.	Thousands of pounds			Dollars per pound			Thousands of active hours											
1935 monthly average ..	6,030	1.633	26,581	8,210	16,894	0.748	0.314	0.526	.....	1,839	136	93	102	90,290	81,760	143			
1936 monthly average ..	5,628	1.777	24,985	8,857	21,477	.920	.403	.662	.....	1,760	161	99	103	89,420	75,070	125			
1937 monthly average ..	5,347	1.878	22,851	8,885	27,170	1.019	.437	.719	.....	1,717	149	103	110	80,470	72,240	121			
1938 monthly average ..	4,754	1.706	17,952	5,310	8,690	.704	.295	.504	.....	1,224	72	67	67	56,344	58,277	104			
1939 monthly average ..	4,606	2.723	24,424	8,611	20,498	.827	.362	.524	.....	1,750	79	101	92	71,595	83,544	134			
1940 monthly average ..	3,967	2.786	25,835	8,154	30,053	.963	.412	.614	.....	1,624	66	96	82	74,083	77,188	139			
1941 monthly average ..	2,130	2.933	42,420	11,577	68,540	1.088	.468	.695	.....	2,481	88	125	110	106,350	120,052	217			
1942 monthly average ..	17	3.080	47,621	3,662	90,803	1.191	.518	.754	.....	2,717	78	78	60	123,033	114,328	228			
1943 monthly average ..	1	.....	49,318	2,694	80,272	1.178	.542	.759	.....	2,655	75	57	37	124,635	112,135	212			
1944 monthly average ..	3	.....	48,084	3,813	53,045	1.190	.545	.721	.....	2,419	62	52	35	115,459	104,948	196			
1945 monthly average ..	149	.....	49,103	4,656	68,370	1.177	.540	.752	.....	2,248	75	54	40	107,220	93,866	194			
1946 monthly average ..	1,299	2.837	50,799	10,660	88,608	1.026	.477	.761	.....	2,503	81	100	87	117,220	110,030	216			
1947																			
January.....	858	6.220	57,036	14,245	73,716	1.155	.530	.850	.....	2,503	75	109	101	108,636	114,434	227			
February.....	429	4.682	48,367	13,083	57,705	1.165	.545	.850	.....	2,632	70	118	114	108,936	123,186	246			
March.....	186	4.050	45,724	13,677	67,528	1.195	.555	.872	.....	2,516	66	127	114	99,693	122,115	245			
April.....	22	.....	52,973	15,993	63,291	1.225	.565	.939	.....	2,322	47	131	117	88,402	118,421	235			
May.....	41	4.000	38,412	13,667	62,112	1.225	.565	.990	.....	2,186	45	130	117	82,113	112,268	223			
June.....	3	4.150	37,864	13,193	57,566	1.240	.565	1.002	.....	2,242	43	137	122	85,052	115,568	230			
July.....	479	4.009	38,837	12,681	48,942	1.250	.565	1.040	.....	1,864	39	98	92	71,267	88,899	179			
August.....	193	4.025	38,008	14,054	35,974	1.260	.565	1.040	.....	2,171	45	124	110	91,891	109,789	189			
September.....	175	.....	37,988	13,707	41,511	1.260	.565	1.108	.....	2,223	47	124	112	93,585	118,720	198			
October.....	294	4.400	49,208	17,852	51,412	1.275	.554	1.165	.....	2,282	45	134	129	93,931	122,410	218			
November.....	124	4.400	37,654	14,006	48,393	1.315	.510	1.254	.....	2,324	49	142	129	92,662	121,971	222			
December.....	379	4.400	43,829	16,174	36,234	1.345	.510	1.240	.....	2,256	45	132	119	90,474	117,489	214			
Monthly average.....	265	2.434	42,998	14,090	53,699	1.242	.550	1.029	1.876	2,346	51	125	115	92,062	115,146	218			
1948																			
January.....	128	2.600	41,702	15,946	110,302	1.350	.510	1.240	.....	2,565	52	163	146	103,677	132,418	247			
February.....	397	2.600	42,899	15,522	79,997	1.365	.510	1.370	.....	2,572	51	163	146	102,527	132,666	252			
March.....	829	2.600	51,681	20,284	86,749	1.405	.510	1.292	.....	2,495	40	163	144	98,429	129,269	250			
April.....	417	2.600	42,629	17,025	62,324	1.480	.510	1.399	.....	2,497	42	164	141	99,272	125,437	245			
May.....	470	2.600	41,619	16,971	48,703	1.660	.510	1.652	.....	2,513	37	167	141	98,572	124,760	248			
June.....	1,349	2.600	48,121	19,836	74,307	1.780	.550	1.820	.....	2,400	35	166	129	95,140	116,709	239			
July.....	1,106	2.600	31,741	11,286	61,177	1.790	.560	1.820	.....	1,893	30	114	90	73,791	87,804	179			
August.....	352	2.600	38,825	16,963	62,530	1.800	.560	1.820	.....	2,323	39	164	130	94,338	109,204	222			
September.....	404	2.600	45,211	20,358	54,523	1.800	.560	1.696	.....	2,185	36	164	124	88,432	104,311	210			
October.....	787	2.600	33,988	18,092	42,411	1.788	.560	1.615	.....	2,224	30	173	126	92,989	101,900	189			
November.....	510	2.600	29,705	16,634	38,840	1.750	.560	1.615	.....	2,143	29	166	114	90,274	92,615	160			
December.....	614	2.600	37,099	19,000	39,495	1.790	.560	1.801	.....	2,106	26	159	103	84,113	91,989	165			
Monthly average.....	613	2.600	40,435	17,325	63,447	1.646	.560	1.599	1.876	2,324	37	161	127	93,314	112,281	217			
1949																			
January.....	1,018	2.600	29,295	16,970	42,870	1.800	.560	1.925	.....	2,087	25	173	97	83,739	85,055	164			
February.....	1,215	2.600	27,238	15,692	39,745	1.800	.560	1.925	.....	1,912	30	173	88	78,614	79,837	156			
March.....	423	2.600	28,341	18,570	31,292	1.800	.560	1.925	.....	1,546	27	171	81	66,930	72,457	141			
April.....	12	2.600	19,512	12,811	24,511	1.800	.560	1.862	.....	1,465	29	158	74	68,034	58,230	109			
May.....	48	2.600	21,135	12,227	22,118	1.781	.556	1.675	.....	1,596	31	143	73	76,357	62,464	114			
June.....	460	2.600	28,266	11,303	29,878	1.725	.545	1.675	.....	1,667	27	120	59	76,958	68,518	122			
July.....	90	2.600	22,501	6,421	23,082	1.600	.545	1.675	.....	1,562	28	69	40	73,528	62,173	122			
August.....	27	2.600	29,413	10,522	38,046	1.525	.545	1.675	.....	1,908	34	124	64	91,492	81,955	145			
September.....	25	2.600	35,858	13,267	39,202	1.525	.545	1.675	.....	1,859	28	125	65	83,065	91,130	151			
October.....	164	2.600	33,517	13,004	46,456	1.525	.545	1.675	.....	2,224	39	141	68	94,421	111,729	176			
November.....	133	2.650	28,732	13,267	46,158	1.525	.545	1.375	.....	2,207	33	139	69	87,587	98,564	166			
December.....	370	2.683	35,144	17,355	57,515	1.562	.552	1.375	.....	2,122	22	141	71	77,497	95,935	172			
Monthly average.....	332	2.611	28,246	13,451	36,739	1.664	.552	1.703	.....	1,842	30	140	70	79,564	80,781	145			
1950																			
January.....	539	2.717	31,352	15,716	77,891	1.588	.559	1.465	.....	2,175	29	154	79	77,597	93,207	185			
February.....	617	2.708	34,684	15,724	74,651	1.625	.570	1.575	.....	2,172	27	166	87	79,834	104,027	209			
March.....	628	2.650	41,730	19,765	66,630	1.625	.570	1.575	.....	2,096	27	169	83	77,269	103,917	207			
April.....	669	2.650	31,108	16,652	56,964	1.629	.564	1.600	.....	2,136	28	170	85	79,582	100,746	186			
May.....	705	2.683	32,468	16,204	54,879	1.698	.620	1.715	.....	2,188	27	159	82	85,011	101,863	191			
June.....	744	2.683	39,765	18,445	55,249	1.760	.678	1.775	.....	2,214	25	160	76	85,662	102,418	187			
July.....	1,033	3.046	28,816	9,608	68,773	1.800	.702	1.775	.....	1,933	26	101	51	74,410	85,975	167			
August.....	902	3.420	38,948	15,768	74,833	2.045	.778	1.965	.....	2,391	30	172	83	96,134	115,302	233			
September.....	1,307	3.404	44,390	18,360	56,832	2.481	.892	2.725	.....	2,346	18	160	81	87,513	115,284	227			
October.....	1,500	3.510	38,004	16,704	49,254	2.469	.909	2.515	.....	2,502	17	177	92	91,915	120,695	233			
November.....	1,152	3.717	38,695	18,380	51,584	2.540	.973	2.560	.....	2,346	13	172	85	78,103	110,948	191			
December.....	727	4.112	28,896	14,364	42,994	2.650	1.131	2.600	.....	2,275	15	162	87	76,463	102,780	176			
Monthly average.....	877	3.106	35,744	16,308	60,878	1.992	.746	1.997	.....	2,233	24	161	81	82,425	105,038	200			

TEXTILE PRODUCTS—WOOL MANUFACTURES

YEAR AND MONTH	WOOL YARN				WOOLEN AND WORSTED WOVEN GOODS (EXCEPT WOVEN FELTS)											
	Production ¹			Price, whole- sale, wor- sted yarn, 2/32s, f.o.b. mill ²	Production (quarterly) ³								Prices, wholesale			
	Total	Knit- ting	Weav- ing		Carpet and other	Total	Apparel fabrics				Blan- ket- ing	Other nonap- parel fab- rics	Suit- ing, unfin- ished wor- sted, 13 oz., f.o.b. mill ²	Wo- men's dress goods, flan- nel, 8 oz., f.o.b. mill ²		
							Total	Gov- ern- ment orders	Other than Government orders							
												Men's and boys' wear	Wo- men's and child- ren's wear	Un- clas- sified		
Thousands of pounds				Dollars per lb.	Thousands of finished linear yards ⁴								Dollars per yard			
1935 monthly average ..	.....	.....	.....	.....	1.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.59	1.24
1936 monthly average ..	.....	.....	.....	.....	1.31	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.75	1.29
1937 monthly average ⁵ ..	.....	.....	.....	.....	1.38	92,741	78,240	.....	45,714	23,788	58,738	74,075	70,426	.....	2.00	1.39
1938 monthly average ..	.....	.....	.....	.....	1.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.62	1.28
1939 monthly average ⁵ ..	.....	.....	.....	.....	1.23	92,962	80,252	.....	44,714	26,779	8,768	4,894	7,816	.....	1.82	1.31
1940 monthly average ..	.....	.....	.....	.....	1.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.97	1.33
1941 monthly average ..	.....	.....	.....	.....	1.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	1.45
1942 monthly average ⁵ ..	.....	.....	.....	.....	1.80	131,934	114,197	.....	69,251	26,901	18,045	16,024	1,713	.....	2.44	1.67
1943 monthly average ⁵ ..	977,598	913,589	959,932	94,077	1.80	134,107	110,143	.....	64,192	33,024	12,927	22,326	1,639	.....	1.68	1.68
1944 monthly average ⁵ ..	74,879	13,699	56,162	5,018	1.85	131,999	110,170	.....	54,445	42,617	13,109	19,722	2,107	.....	2.28	1.68
1945 monthly average ⁵ ..	72,580	14,147	53,114	5,319	1.90	123,358	100,359	.....	51,048	35,361	13,950	20,042	2,958	.....	2.28	1.68
1946 monthly average ⁵ ..	76,610	13,038	52,803	10,769	1.90	150,930	131,072	(11)	57,029	58,730	15,313	12,114	7,744	.....	2.35	1.74
1947																
January.....	82,914	12,496	56,613	13,805	2.40	144,000	125,310	320	124,990	60,256	48,841	15,893	10,994	7,696	{ 2.52 2.63 2.95	1.85 1.85 1.85
February.....	68,767	9,711	46,622	12,434	2.40											
March.....	65,276	8,750	43,628	12,898	2.45											
April.....	73,354	8,839	49,427	15,088	2.45	113,865	98,021	2,214	95,807	51,330	37,611	6,866	7,560	8,284	{ 2.95 2.95 2.95	1.85 1.85 1.85
May.....	55,733	6,327	36,894	12,512	2.45											
June.....	56,702	5,765	37,823	13,114	2.60											
July.....	57,337	5,760	39,211	12,366	2.59	113,536	99,133	3,122	96,011	45,429	42,022	8,560	6,482	7,921	{ 2.95 3.12 3.12	2.03 2.03 2.03
August.....	59,163	6,318	39,704	13,141	2.65											
September.....	61,796	7,049	41,246	13,501	2.66											
October.....	76,758	9,233	49,579	17,946	2.66	129,382	114,063	5,659	108,404	51,331	48,020	9,053	6,845	8,474	{ 3.12 3.12 3.32	2.03 2.03 2.03
November.....	60,900	7,025	39,730	14,145	2.68											
December.....	71,703	8,786	47,458	15,459	2.89											
Monthly average ⁵	65,867	8,005	43,995	13,867	2.57	125,119	109,133	2,829	106,304	.....	.....	.....	7,893	8,094	2.98	1.94
1948																
January.....	67,106	8,083	43,757	15,266	2.93	132,458	115,986	3,141	112,845	55,113	49,384	8,348	5,496	10,976	{ 3.37 3.44 3.47	2.20 2.20 2.20
February.....	67,302	7,938	43,873	15,491	2.93											
March.....	82,548	9,608	53,728	19,212	2.96											
April.....	65,872	7,481	42,092	16,299	3.07	130,908	114,644	2,176	112,468	55,599	48,090	8,779	4,924	11,340	{ 3.47 3.47 3.47	2.27 2.33 2.43
May.....	65,587	7,513	41,667	16,407	3.35											
June.....	78,172	8,848	49,796	19,528	3.35											
July.....	48,188	5,408	31,907	10,873	3.35	118,712	103,951	2,161	101,790	46,684	47,439	7,667	5,012	9,749	{ 3.47 3.56 3.59	2.45 2.45 2.54
August.....	62,113	6,895	38,854	16,364	3.35											
September.....	74,473	8,056	46,384	20,033	3.35											
October.....	61,714	6,409	38,256	17,049	3.35	115,483	99,767	3,651	96,116	39,711	49,130	7,275	5,990	9,726	{ 3.59 3.59 3.59	2.62 2.62 2.70
November.....	57,611	5,907	35,709	15,995	3.35											
December.....	66,898	6,958	41,166	18,774	3.35											
Monthly average ⁵	66,465	7,425	42,266	16,774	3.23	124,390	108,587	2,782	105,805	49,277	48,511	8,017	5,355	10,448	3.51	2.42
1949																
January.....	55,323	5,435	33,436	16,452	3.41	100,369	85,234	5,543	79,691	33,306	40,306	6,079	5,582	9,553	{ 3.59 3.59 3.59	2.72 2.72 2.72
February.....	52,581	5,060	31,633	15,888	3.43											
March.....	59,417	6,249	34,499	18,669	3.43											
April.....	46,133	4,879	27,374	13,880	3.40	89,354	73,532	3,539	69,993	32,513	29,695	7,785	5,037	10,785	{ 3.59 3.59 3.59	2.72 2.72 2.72
May.....	50,147	4,829	32,180	13,138	3.38											
June.....	61,493	6,420	42,395	12,678	3.38											
July.....	43,921	4,739	32,410	6,772	3.38	106,341	89,860	3,966	85,894	33,773	45,706	6,415	5,765	10,716	{ 3.46 3.07 3.07	2.48 2.48 2.48
August.....	58,074	6,520	40,426	11,128	3.38											
September.....	70,647	8,619	48,003	14,025	3.24											
October.....	64,311	7,709	43,058	13,544	2.85	118,318	102,546	4,123	98,423	42,541	49,621	6,261	6,082	9,690	{ 3.07 3.07 3.07	2.48 2.48 2.48
November.....	58,518	6,631	37,901	13,986	2.91											
December.....	67,365	7,357	42,795	17,213	2.98											
Monthly average ⁵	57,328	6,204	37,176	13,948	3.26	103,596	87,793	4,293	83,500	35,533	41,332	6,635	5,617	10,186	3.36	2.60
1950																
January.....	56,780	6,628	34,796	15,356	2.98	108,149	90,956	2,508	88,448	42,120	40,737	5,591	5,112	12,081	{ 3.07 3.07 3.00	2.48 2.48 2.48
February.....	60,324	6,664	37,908	15,752	2.98											
March.....	74,610	7,835	46,495	20,280	2.98											
April.....	60,516	6,468	36,832	17,216	2.98	111,647	92,890	1,843	91,047	45,709	40,079	5,259	6,555	12,202	{ 2.97 2.97 3.09	2.48 2.48 2.48
May.....	63,320	6,784	40,012	16,524	2.98											
June.....	77,555	8,725	49,380	19,450	2.98											
July.....	51,064	5,964	34,860	10,240	2.98	115,875	129,743	131,269	1392,849	41,093	47,294	4,462	6,282	12,850	{ 3.26 3.44 4.08	2.52 2.62 2.77
August.....	69,848	8,384	44,796	16,668	2.98											
September.....	81,815	9,585	52,970	19,260	3.67											
October.....	69,736	7,832	44,180	17,724	4.13	122,105	12100,679	134,575	1392,704	43,160	45,011	4,533	6,693	14,733	{ 4.31 4.31 4.31	2.85 2.85 2.85
November.....	76,480	8,105	48,075	20,300	4.18											
December.....	59,664	6,084	37,480	16,100	4.18											
Monthly average ⁵	66,812	7,459	42,280	17,073	3.36	114,444	1295,317	132,539	1391,262	43,021	43,280	4,961	6,161	12,967	3.49	2.61

TRANSPORTATION EQUIPMENT—AIRCRAFT AND MOTOR VEHICLES

YEAR AND MONTH	AIRCRAFT		MOTOR VEHICLES									
	Civil aircraft, production or shipments ¹	Exports ²	Factory sales ³								EXPORTS ⁴	
			Total	Coaches		Passenger cars		Trucks		Total	Passenger cars	Trucks
				Total	Domestic	Total	Domestic	Total	Domestic			
Number												
1935 monthly average ..	90	28	328,911	.....	.....	271,020	253,490	57,891	47,518	22,730	14,473	8,257
1936 monthly average ..	136	44	371,176	.....	.....	305,794	288,171	65,382	54,166	23,984	15,131	8,853
1937 monthly average ..	191	52	400,748	.....	.....	326,324	303,616	74,424	57,473	33,137	19,290	13,847
1938 monthly average ..	5152	73	207,424	.....	.....	166,749	150,912	40,675	29,351	23,243	13,594	9,649
1939 monthly average ..	310	102	298,108	.....	.....	238,900	225,182	59,208	46,581	21,192	11,612	9,580
1940 monthly average ..	565	294	372,691	512	493	309,782	300,670	62,396	52,413	16,269	7,597	8,672
1941 monthly average ..	570	501	403,375	636	616	314,974	306,797	87,766	75,571	19,372	7,037	12,336
1942 monthly average ..	0	871	733,987	(8)	(8)	18,572	17,982	7,815,415	813,694	14,998	1,297	13,702
1943 monthly average ..	0	1,155	72,082	(8)	(8)	12	10	7,82,070	81,952	6,683	236	6,447
1944 monthly average ..	0	1,379	79,731	(8)	(8)	51	26	7,89,681	88,525	15,362	256	15,106
1945 monthly average ..	171	633	730,083	(8)	(8)	5,794	5,674	7,824,289	821,170	12,688	230	12,458
1946 monthly average ..	2,917	192	257,462	841	767	179,058	167,054	77,563	62,053	25,063	9,956	15,107
1947												
January.....	2,166	267	347,696	1,273	1,115	246,605	226,695	99,818	77,434	40,268	19,742	20,526
February.....	1,914	276	373,360	1,303	1,090	267,015	245,081	105,042	83,276	41,678	19,321	22,357
March.....	1,785	462	421,180	1,421	1,272	301,525	280,018	118,234	92,082	54,747	25,666	29,081
April.....	2,039	294	423,399	1,650	1,465	314,765	291,953	106,984	83,515	57,284	26,711	30,573
May.....	1,646	321	382,640	1,853	1,599	284,357	261,240	96,430	75,696	61,502	29,540	31,962
June.....	1,193	268	400,372	1,628	1,409	307,124	284,576	91,620	73,613	44,461	22,591	21,870
July.....	998	222	379,192	1,806	1,694	279,631	257,881	97,755	78,444	40,652	24,068	16,584
August.....	929	156	349,409	1,765	1,570	261,158	240,358	86,486	66,382	50,273	24,317	25,956
September.....	1,028	183	420,269	1,607	1,412	307,942	285,590	110,720	89,724	41,957	21,639	20,318
October.....	802	183	436,001	1,667	1,527	315,969	295,099	118,365	94,307	47,595	22,345	25,250
November.....	615	218	394,175	1,416	1,141	305,148	284,730	87,611	71,161	40,881	21,294	19,587
December.....	502	240	470,229	1,721	1,356	366,939	344,110	101,569	85,971	39,527	22,092	17,435
Monthly average.....	1,301	258	399,827	1,593	1,388	296,515	274,778	101,720	80,967	46,735	23,277	23,458
1948												
January.....	462	116	405,663	1,382	1,080	305,081	285,373	99,200	83,893	33,843	19,658	14,185
February.....	461	112	383,002	1,101	763	274,847	256,753	107,054	88,889	30,658	16,422	14,236
March.....	578	165	492,034	1,430	1,217	349,998	327,198	140,606	118,572	40,071	20,493	19,578
April.....	766	229	438,090	1,056	910	308,071	288,356	128,963	111,911	44,854	22,570	22,284
May.....	812	259	338,538	1,288	1,168	225,461	209,591	111,789	96,909	34,180	16,477	17,703
June.....	959	333	431,046	1,068	892	312,406	293,582	117,572	101,755	29,514	14,988	14,526
July.....	920	246	474,556	1,012	947	356,764	334,736	116,780	98,249	41,283	17,681	23,602
August.....	700	181	461,353	771	675	348,822	328,194	111,760	97,222	34,272	19,349	14,923
September.....	590	134	413,537	1,143	1,051	301,170	282,458	111,224	94,196	35,222	17,696	17,526
October.....	502	117	491,803	679	600	383,755	361,867	107,369	91,296	36,562	17,651	18,911
November.....	317	137	468,822	545	460	364,440	346,999	103,837	89,030	20,526	10,742	9,784
December.....	235	183	486,981	824	763	378,455	360,986	107,702	90,667	42,476	18,822	23,654
Monthly average.....	609	184	440,452	1,025	877	325,773	306,341	113,655	96,882	35,288	17,712	17,576
1949												
January.....	160	139	432,454	658	618	326,859	312,199	104,937	91,282	29,131	13,536	15,595
February.....	257	161	427,588	418	326	324,601	310,343	102,569	88,540	27,166	12,676	14,490
March.....	400	196	519,661	545	423	403,388	385,834	115,728	99,925	31,717	15,673	16,044
April.....	456	223	544,066	514	494	437,058	422,149	106,494	91,808	30,004	14,598	15,406
May.....	474	1078	483,451	564	511	395,765	380,489	87,122	75,518	25,130	12,456	12,674
June.....	439	89	593,293	632	522	493,670	480,009	98,991	89,174	22,804	12,184	10,620
July.....	301	56	579,420	439	399	483,581	471,752	95,400	85,427	10 24,433	13,071	10 11,362
August.....	272	88	658,420	444	420	557,624	544,630	100,352	89,989	20,282	10,901	9,381
September.....	284	43	626,743	298	274	534,861	521,524	91,584	82,487	21,413	12,350	9,063
October.....	228	70	573,699	322	275	488,176	476,461	85,201	76,584	20,531	11,205	9,326
November.....	158	97	455,731	308	279	381,874	373,838	73,549	66,090	17,216	9,251	7,965
December.....	116	29	359,076	369	353	292,009	284,097	66,698	60,784	13,083	7,183	5,900
Monthly average.....	295	106	521,134	459	408	426,622	413,610	94,052	83,134	23,576	12,090	11,486
1950												
January.....	167	39	581,362	219	194	487,824	475,495	93,319	84,374	15,531	8,914	6,617
February.....	225	52	475,465	133	128	385,361	377,185	89,971	80,939	18,268	8,644	9,624
March.....	326	52	580,662	199	170	469,618	461,119	110,845	99,811	17,639	8,134	9,505
April.....	329	56	559,311	268	234	455,193	446,524	103,850	93,294	17,257	6,758	10,499
May.....	377	68	696,893	412	323	575,518	563,119	120,963	108,997	20,387	8,631	11,756
June.....	369	47	856,615	598	349	720,688	702,935	135,329	120,233	25,150	12,979	12,171
July.....	321	94	706,702	397	291	595,067	581,069	111,238	98,603	24,807	12,775	12,032
August.....	354	48	818,123	457	374	682,782	669,550	134,884	121,303	24,927	11,286	13,641
September.....	301	84	722,842	423	345	616,827	602,423	105,592	93,378	22,724	10,906	11,818
October.....	204	40	760,566	553	502	651,169	635,544	108,844	97,116	23,070	12,399	10,671
November.....	242	54	603,567	584	507	504,445	490,855	98,538	80,832	27,546	13,826	13,720
December.....	305	85	640,925	664	601	521,371	507,120	118,890	103,522	23,976	11,481	12,495
Monthly average.....	293	60	666,919	409	335	555,489	542,745	111,022	98,534	21,774	10,561	11,212

For footnotes giving source of data and description of series, see p. 294.

TRANSPORTATION EQUIPMENT—MOTOR VEHICLES AND RAILWAY EQUIPMENT

YEAR AND MONTH	MOTOR VEHICLES						RAILWAY EQUIPMENT				
	Production ¹					Registrations ²		American Railway Car Institute			
	Truck trailers					New passenger cars	New commercial cars	Freight cars, shipments ⁴			
	Total	Complete trailers			Trailer chassis shipped as such ²			Total	Equipment manufacturers		Railroad shops, domestic
		Total	Vans	All other					Total	Domestic	
1935 monthly average ..	.....	.....	.....	.....	.....	228,659	42,557	732	602	497	129
1936 monthly average ..	.....	.....	.....	.....	.....	283,708	50,970	3,928	2,624	2,581	1,304
1937 monthly average ..	.....	.....	.....	.....	.....	290,313	51,521	6,568	5,271	5,161	1,297
1938 monthly average ..	.....	.....	.....	.....	.....	157,585	30,446	1,423	883	833	540
1939 monthly average ..	.....	⁵ 2,015	.....	.....	.....	221,115	40,562	2,126	1,656	1,624	470
1940 monthly average ..	.....	⁵ 2,260	.....	.....	.....	284,659	46,596	5,340	3,921	3,776	1,419
1941 monthly average ..	.....	⁵ 3,489	.....	.....	.....	310,931	53,391	6,917	5,482	5,283	1,436
1942 monthly average ..	⁶ 6,661	.....	.....	.....	.....	25,391	6,452	5,950	4,663	3,952	1,287
1943 monthly average ..	⁶ 16,405	.....	.....	.....	.....	17,150	5,206	6,246	5,644	2,051	602
1944 monthly average ..	⁶ 17,453	.....	.....	.....	.....	5,478	10,106	6,814	5,559	2,329	1,254
1945 monthly average ..	⁹ 9,855	⁷ 3,607	⁷ 2,149	⁷ 1,458	² 267	5,990	29,244	4,544	3,472	2,584	1,071
1946 monthly average ..	6,353	5,885	2,888	2,997	468	151,266	52,104	4,998	4,159	2,657	839
1947											
January.....	7,511	7,194	3,762	3,432	317	209,063	62,477	7,708	6,991	2,265	717
February.....	6,554	6,220	3,258	2,962	334	214,333	63,752	8,084	7,575	1,784	509
March.....	5,910	5,536	2,662	2,874	374	264,714	79,344	9,260	8,816	2,439	444
April.....	5,245	4,941	2,106	2,835	304	290,226	85,148	9,507	8,873	3,489	634
May.....	4,580	4,380	1,657	2,723	200	286,719	76,901	7,207	6,409	3,131	798
June.....	3,544	3,306	1,437	1,869	238	269,863	65,458	6,540	5,243	4,230	1,297
July.....	2,994	2,820	1,354	1,466	174	263,167	71,647	6,399	5,366	4,846	1,033
August.....	3,110	2,894	1,226	1,668	216	264,866	75,912	6,085	4,410	4,346	1,675
September.....	3,158	2,944	1,269	1,675	214	251,655	69,899	7,826	5,749	5,668	2,077
October.....	3,962	3,451	1,587	1,864	511	281,428	87,167	8,523	6,401	6,242	2,122
November.....	3,241	2,988	1,406	1,582	253	258,934	73,737	9,013	6,964	6,889	2,049
December.....	3,287	3,121	1,530	1,591	166	312,263	67,690	10,091	7,914	7,661	2,177
Monthly average.....	4,425	4,150	1,938	2,212	275	263,936	73,261	8,020	6,726	4,416	1,294
1948											
January.....	3,390	3,209	1,551	1,658	181	274,978	69,486	9,254	6,866	6,561	2,388
February.....	3,450	3,230	1,688	1,542	220	249,781	74,326	8,502	6,345	6,306	2,157
March.....	4,144	3,881	2,095	1,786	263	311,650	94,806	9,324	6,959	6,940	2,365
April.....	4,120	3,901	2,083	1,818	219	330,555	108,168	9,370	7,041	6,726	2,329
May.....	3,695	3,543	1,876	1,667	152	255,638	100,614	9,712	7,171	6,651	2,541
June.....	4,053	3,901	2,144	1,757	152	246,926	87,117	10,514	7,816	7,721	2,698
July.....	3,439	3,240	1,657	1,583	199	291,206	94,036	8,763	6,876	6,874	1,887
August.....	3,623	3,454	1,866	1,588	169	317,788	91,923	10,414	7,450	7,450	2,964
September.....	3,597	3,462	1,878	1,584	135	296,339	85,108	9,886	7,055	6,978	2,831
October.....	3,724	3,583	1,982	1,601	141	291,442	84,284	9,169	6,806	6,649	2,363
November.....	3,817	3,692	2,444	1,248	125	313,230	75,024	9,486	7,168	6,976	2,318
December.....	3,426	3,299	1,935	1,364	127	311,419	70,282	10,491	7,888	7,364	2,603
Monthly average.....	3,707	3,533	1,933	1,600	174	290,913	86,265	9,574	7,120	6,933	2,454
1949											
January.....	2,803	2,733	1,506	1,227	70	273,161	66,423	9,427	6,644	6,130	2,783
February.....	2,329	2,215	1,116	1,099	114	258,218	67,537	10,800	7,906	7,421	2,894
March.....	2,677	2,552	1,283	1,269	125	360,584	87,165	12,626	9,674	8,958	2,952
April.....	2,814	2,621	1,263	1,358	193	390,932	78,857	11,184	8,896	8,499	2,288
May.....	2,794	2,674	1,450	1,224	120	446,251	86,375	9,532	6,886	6,879	2,646
June.....	2,854	2,724	1,598	1,126	130	432,470	79,069	9,148	5,832	5,805	3,316
July.....	2,236	2,148	1,330	818	88	448,477	76,866	6,645	3,866	3,655	2,779
August.....	2,648	2,552	1,506	1,046	96	478,556	85,539	7,184	4,251	4,245	2,933
September.....	2,692	2,584	1,640	944	108	459,647	89,228	6,201	3,996	3,386	2,205
October.....	3,256	3,087	2,108	979	169	465,765	86,398	4,537	2,833	2,828	1,704
November.....	2,951	1,821	995		135	409,702	79,699	4,456	2,729	2,649	1,727
December.....	3,043	2,865	1,696	1,169	178	414,579	78,805	3,432	2,052	1,950	1,380
Monthly average.....	2,758	2,631	1,526	1,105	127	403,195	80,163	7,931	5,464	5,246	2,467
1950											
January.....	3,083	2,969	1,842	1,127	114	381,562	67,925	2,395	1,006	1,006	1,389
February.....	3,493	3,348	2,123	1,225	145	408,990	71,698	2,051	922	917	1,129
March.....	4,395	4,183	2,523	1,660	212	495,885	96,266	1,712	830	830	882
April.....	4,385	4,192	2,528	1,664	193	471,215	92,241	983	235	223	748
May.....	4,867	4,650	2,782	1,868	217	488,363	90,786	2,193	1,211	1,211	982
June.....	5,532	5,337	3,203	2,134	195	583,937	91,512	4,074	3,365	3,165	709
July.....	⁸ 5,798	⁸ 5,605	⁸ 3,316	⁸ 2,289	⁸ 193	609,926	117,040	3,474	2,148	2,148	1,326
August.....	6,614	6,435	3,735	2,700	179	683,995	126,533	5,203	2,787	2,787	2,416
September.....	6,770	6,533	3,944	2,589	237	625,755	113,750	5,131	2,395	2,395	2,736
October.....	6,741	6,504	3,969	2,535	237	580,373	101,169	5,501	2,444	2,444	3,057
November.....	6,366	6,124	3,937	2,187	242	444,193	84,142	5,791	3,352	3,352	2,439
December.....	6,257	6,077	4,106	1,971	180	552,259	89,273	5,701	3,965	3,965	1,735
Monthly average.....	5,358	5,163	3,167	1,996	195	527,204	95,192	3,684	2,055	2,037	1,629

For footnotes giving source of data and description of series, see pp. 294, 295.

TRANSPORTATION EQUIPMENT—RAILWAY EQUIPMENT

YEAR AND MONTH	AMERICAN RAILWAY CAR INSTITUTE				ASSOCIATION OF AMERICAN RAILROADS								
	Passenger cars, shipments ¹				Freight cars (class I roads), end of month ²						Locomotives (class I roads), end of month ³		
	Total	Equipment manu- facturers		Rail- road shops, domes- tic	Number owned			Orders, unfilled			Steam, undergoing or awaiting classi- fied repairs		
		Total	Domes- tic		Total	Undergoing or awaiting classi- fied repairs		Total	Equip- ment manu- fac- turers	Rail- road shops	Total	Percent of total on line	
						Total	Percent of total on line						
	Number				Thousands			Number					
1935 monthly average ..	17	17	17	(⁴)	1,863	279	15.2	3,983	2,239	1,744	10,368	22.6	
1936 monthly average ..	16	13	13	3	1,770	244	14.0	18,167	10,612	7,556	8,851	19.8	
1937 monthly average ..	52	46	46	6	1,733	190	11.1	31,828	22,154	9,674	6,638	15.2	
1938 monthly average ..	36	29	29	7	1,705	223	13.3	6,125	3,368	2,758	7,676	17.9	
1939 monthly average ..	23	23	23	0	1,654	206	12.6	15,668	11,044	4,624	7,955	19.1	
1940 monthly average ..	24	23	21	1	1,643	141	8.8	23,344	15,852	7,492	6,391	15.9	
1941 monthly average ..	30	30	29	0	1,664	85	5.2	68,609	49,604	19,005	4,714	11.9	
1942 monthly average ..	36	33	32	3	1,729	54	3.1	44,817	31,886	12,931	2,704	6.9	
1943 monthly average ..	59	59	57	(⁴)	1,744	46	2.7	27,509	21,246	6,263	2,046	5.2	
1944 monthly average ..	84	83	83	1	1,756	49	2.9	35,029	27,285	7,745	2,176	5.5	
1945 monthly average ..	78	77	77	(⁴)	1,769	64	3.8	34,035	28,317	5,718	2,451	6.2	
1946 monthly average ..	114	114	111	1	1,749	74	4.4	43,560	33,156	10,404	3,136	8.2	
1947													
January.....	65	58	58	7	1,740	66	4.0	60,529	44,144	16,385	3,175	8.6	
February.....	87	69	69	18	1,738	68	4.1	66,353	49,934	16,419	3,131	8.5	
March.....	74	53	53	21	1,736	69	4.2	78,080	60,446	17,634	3,045	8.3	
April.....	90	73	73	17	1,736	72	4.3	84,288	63,935	20,353	3,011	8.3	
May.....	63	60	60	3	1,734	77	4.6	89,554	66,466	23,088	2,832	7.8	
June.....	70	67	63	3	1,734	77	4.7	93,159	68,675	24,484	2,735	7.6	
July.....	114	53	45	61	1,732	81	4.9	94,232	70,578	23,654	2,778	7.8	
August.....	24	20	20	4	1,730	81	4.9	97,392	71,826	25,566	2,709	7.6	
September.....	32	29	29	3	1,730	78	4.7	97,645	73,416	24,229	2,706	7.6	
October.....	76	74	74	2	1,725	72	4.3	103,086	76,713	26,373	2,646	7.5	
November.....	107	69	55	38	1,728	73	4.4	104,788	78,857	25,931	2,612	7.5	
December.....	85	71	71	14	1,731	72	4.3	99,216	74,635	24,581	2,483	7.1	
Monthly average.....	74	58	56	16	1,733	74	4.5	89,027	66,635	22,391	2,822	7.9	
1948													
January.....	83	57	57	26	1,735	76	4.5	101,662	74,008	27,654	2,581	7.4	
February.....	74	54	54	20	1,738	79	4.7	103,061	75,482	27,579	2,702	7.8	
March.....	94	74	74	20	1,740	80	4.8	105,120	80,772	24,348	2,873	8.3	
April.....	121	107	67	14	1,743	83	4.9	109,567	86,947	22,620	2,879	8.4	
May.....	64	64	60	0	1,744	86	5.1	103,786	81,067	22,719	2,887	8.5	
June.....	46	46	46	0	1,747	84	5.0	103,565	79,866	23,699	2,803	8.3	
July.....	62	62	62	0	1,747	85	5.0	102,389	75,220	27,169	2,774	8.2	
August.....	61	61	61	0	1,749	85	5.0	100,402	73,113	27,289	2,792	8.3	
September.....	65	64	64	1	1,752	81	4.8	93,087	65,751	27,336	2,713	8.1	
October.....	92	81	75	11	1,754	78	4.6	95,785	61,438	34,347	2,646	8.0	
November.....	88	69	69	19	1,755	79	4.7	90,484	57,877	32,607	2,600	7.9	
December.....	96	83	78	13	1,755	80	4.7	84,161	53,118	31,043	2,439	7.5	
Monthly average.....	79	69	64	10	1,747	81	4.8	99,422	72,055	27,368	2,724	8.1	
1949													
January.....	91	82	71	9	1,757	88	5.0	81,683	51,007	30,676	2,479	7.7	
February.....	80	75	66	5	1,761	91	5.2	73,384	46,403	26,981	2,504	7.8	
March.....	76	74	69	2	1,763	94	5.3	63,410	38,654	24,756	2,650	8.3	
April.....	85	85	85	0	1,767	98	5.5	53,975	30,850	23,125	2,602	8.3	
May.....	95	95	77	0	1,770	109	6.1	45,057	23,816	21,241	2,737	8.8	
June.....	98	98	94	0	1,771	113	6.4	36,331	19,368	16,963	2,665	8.7	
July.....	69	68	66	1	1,769	126	7.1	31,746	16,474	15,272	2,833	9.3	
August.....	70	70	65	0	1,767	125	7.1	26,599	13,473	13,126	2,949	9.8	
September.....	94	93	87	1	1,766	124	7.0	20,609	9,419	11,190	2,992	10.0	
October.....	90	90	84	0	1,765	132	7.5	16,183	6,442	9,741	3,189	10.8	
November.....	85	85	76	0	1,763	130	7.4	12,661	4,122	8,539	3,297	11.3	
December.....	80	80	75	0	1,750	134	7.7	12,861	2,447	10,414	3,204	11.1	
Monthly average.....	84	83	76	2	1,764	114	6.4	39,542	21,873	17,669	2,842	9.3	
1950													
January.....	61	61	61	0	1,745	141	8.1	17,766	4,550	13,216	3,454	12.2	
February.....	64	64	64	0	1,742	139	8.0	25,647	8,455	17,192	3,498	12.5	
March.....	87	87	87	0	1,739	128	7.4	27,011	10,715	16,296	3,407	12.3	
April.....	82	82	82	0	1,733	127	7.4	30,170	13,766	16,404	3,308	12.1	
May.....	113	113	113	0	1,728	128	7.4	40,405	24,338	16,067	3,217	11.9	
June.....	106	106	106	0	1,724	118	6.9	39,360	21,936	17,424	3,086	11.7	
July.....	94	93	93	1	1,722	123	7.1	62,124	37,342	24,782	3,166	12.1	
August.....	104	102	102	2	1,719	108	6.3	76,582	48,220	28,362	3,239	12.4	
September.....	70	63	63	7	1,719	102	5.9	94,557	63,485	31,072	3,218	12.4	
October.....	71	71	71	0	1,717	98	5.7	107,994	76,279	31,715	3,135	12.3	
November.....	58	58	58	0	1,717	93	5.4	110,781	79,493	31,288	3,111	12.2	
December.....	54	54	54	0	1,718	89	5.2	109,174	78,137	31,037	3,114	12.3	
Monthly average.....	80	80	80	1	1,727	116	6.7	61,798	38,893	22,905	3,246	12.2	

For footnotes giving source of data and description of series, see p. 295.

TRANSPORTATION EQUIPMENT—RAILWAY EQUIPMENT AND INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS

YEAR AND MONTH	RAILWAY EQUIPMENT									INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS ²		
	Association of American Railroads						Exports of locomotives ²			Shipments		
	Locomotives (class 1 roads), end of month ¹						Total	Steam	Other	Total	Domestic	Export
	Orders, unfilled											
	Steam locomotives			Other locomotives								
	Total	Equipment manufacturers	Railroad shops	Total	Equipment manufacturers	Railroad shops						
Number												
1935 monthly average ..	7	4	3	.....	.....	.....	39	3	37	77	71	6
1936 monthly average ..	75	67	9	.....	.....	.....	18	3	15	104	97	7
1937 monthly average ..	273	244	29	.....	.....	.....	28	4	23	154	145	9
1938 monthly average ..	46	(5)	(5)	.....	.....	.....	24	5	18	70	56	14
1939 monthly average ..	58	(5)	(5)	.....	.....	.....	17	4	13	90	76	14
1940 monthly average ..	97	78	19	.....	.....	.....	22	5	17	143	131	12
1941 monthly average ..	240	210	29	260	247	14	34	9	25	258	236	21
1942 monthly average ..	343	286	57	501	483	18	76	39	37	381	364	17
1943 monthly average ..	422	336	86	550	545	5	143	89	54	374	357	18
1944 monthly average ..	177	143	34	445	443	2	155	123	32	398	365	33
1945 monthly average ..	114	78	36	398	387	11	146	112	34	321	302	19
1946 monthly average ..	73	56	17	473	466	8	208	128	80	240	226	13
1947												
January.....	53	48	5	586	586	0	195	78	117	320	294	26
February.....	45	42	3	635	635	0	180	119	61	273	251	22
March.....	52	51	1	588	588	0	186	73	113	320	283	37
April.....	36	36	0	626	626	0	144	72	72	420	377	43
May.....	30	30	0	718	717	1	262	133	129	349	307	42
June.....	24	24	0	770	770	0	106	19	87	321	288	33
July.....	29	29	0	786	785	1	133	57	76	305	271	34
August.....	40	40	0	811	810	1	98	9	89	365	339	26
September.....	46	36	10	795	794	1	88	17	71	352	262	90
October.....	45	35	10	922	921	1	78	18	80	375	303	72
November.....	33	23	10	1,147	1,146	1	110	36	74	337	273	64
December.....	30	20	10	1,196	1,195	1	87	20	67	394	317	77
Monthly average.....	39	35	4	798	798	1	139	54	85	344	297	47
1948												
January.....	96	76	20	1,417	1,416	1	150	67	83	316	270	46
February.....	108	89	19	1,488	1,487	1	71	12	59	358	258	100
March.....	119	89	30	1,431	1,431	0	153	30	123	338	288	50
April.....	117	89	28	1,455	1,454	1	133	28	105	337	318	19
May.....	111	86	25	1,485	1,485	0	135	38	97	331	286	45
June.....	123	101	22	1,572	1,572	0	109	28	81	292	243	49
July.....	119	99	20	1,509	1,509	0	97	24	73	259	230	29
August.....	116	99	17	1,510	1,510	0	69	9	60	275	214	61
September.....	101	86	15	1,477	1,474	3	101	41	60	256	229	27
October.....	86	72	14	1,544	1,541	3	133	33	100	239	216	23
November.....	78	65	13	1,615	1,615	0	43	15	28	209	158	51
December.....	72	60	12	1,561	1,561	0	87	10	77	237	194	43
Monthly average.....	104	84	20	1,505	1,505	1	107	28	79	287	241	45
1949												
January.....	73	62	11	1,490	1,490	0	81	14	67	204	184	20
February.....	43	33	10	1,452	1,452	0	50	8	42	270	225	45
March.....	35	26	9	1,287	1,287	0	50	10	40	247	214	33
April.....	38	17	21	1,134	1,134	0	113	43	70	199	172	27
May.....	30	10	20	1,043	1,043	0	90	7	83	208	179	29
June.....	29	10	19	1,098	1,098	0	123	69	54	204	174	30
July.....	25	7	18	984	984	0	73	17	56	168	133	35
August.....	23	6	17	873	873	0	65	12	53	202	183	19
September.....	21	5	16	775	775	0	80	4	76	185	168	17
October.....	17	2	15	816	816	0	62	25	37	254	235	19
November.....	15	1	14	954	954	0	65	5	60	227	197	30
December.....	13	0	13	885	885	0	107	31	76	232	186	46
Monthly average.....	30	15	15	1,066	1,066	0	80	20	60	217	188	29
1950												
January.....	12	0	12	1,130	1,130	0	102	48	54	199	180	19
February.....	12	0	12	1,099	1,099	0	48	2	46	183	146	37
March.....	11	0	11	1,088	1,088	0	107	55	52	229	196	33
April.....	10	0	10	1,101	1,101	0	54	0	54	204	172	32
May.....	9	0	9	1,000	1,000	0	81	3	78	203	183	20
June.....	23	0	23	977	977	0	48	5	43	268	238	30
July.....	22	0	22	1,110	1,110	0	69	10	59	199	177	22
August.....	21	0	21	1,367	1,367	0	53	8	45	237	216	21
September.....	20	0	20	1,419	1,419	0	61	8	53	263	234	29
October.....	19	0	19	1,504	1,504	0	56	0	56	290	255	35
November.....	17	0	17	1,640	1,640	0	32	1	31	242	218	24
December.....	16	0	16	1,628	1,628	0	47	4	43	291	271	20
Monthly average.....	16	0	16	1,255	1,255	0	63	12	51	234	207	27

For footnotes giving source of data and description of series, see p. 295.

Explanatory Notes to the Statistical Series

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. National income is the aggregate earnings of labor and property which arise from the current production of goods and services by the Nation's economy. The Nation's economy refers to the labor and property supplied by residents of the Nation. Earnings are recorded in the forms in which they accrue to residents of the Nation, inclusive of taxes on those earnings. They consist of compensation of employees, the profits of corporate and unincorporated enterprises, net interest, and the rental income of persons.

"Compensation of employees" is the income accruing to persons in an employee status as remuneration for their work. It is the sum of wages and salaries and supplements to wages and salaries.

"Wages and salaries" consist of the monetary remuneration of employees commonly regarded as wages and salaries, inclusive of executives' compensation, commissions, tips, and bonuses, and of payments in kind which represent income to the recipients.

"Supplements to wages and salaries" represent the compensation of persons in an employee status not commonly regarded as wages and salaries. They consist of employer contributions for social insurance, employer contributions to private pension and welfare funds, compensation for injuries, directors' fees, pay of the military reserve, and other minor items of labor income.

"Proprietors' income" (shown separately for business and professional enterprises and farm enterprises) measures the monetary earnings and income in kind of sole proprietorships, partnerships, and producers' cooperatives from their current business operations—other than supplementary income of individuals derived from renting property. As with corporate profits, capital gains and losses are excluded and no deduction is made for depletion.

"Inventory valuation adjustment" measures the excess of the value of the change in the volume of nonfarm business inventories, valued at average prices during the period, over the change in the book value of nonfarm inventories. This adjustment is required since, as is customary in business accounting, corporate profits and income of unincorporated enterprises are taken inclusive of inventory profit or loss, whereas only the value of the real change in inventories is counted as current output in the national product. Inventory valuation adjustment is shown separately only for corporations; this adjustment is included, however, in the data shown for unincorporated enterprises, as indicated in note 3.

"Rental income of persons" consists of the monetary earnings of persons from the rental of real property, except those of persons primarily engaged in the real estate business; the imputed net rental returns to owner-occupants of nonfarm dwellings, and the royalties received by persons from patents, copyrights, and rights to natural resources.

"Corporate profits before tax" are the earnings of corporations organized for profit which accrue to residents of the Nation, measured before Federal and State profit taxes, without deduction of depletion charges and exclusive of capital gains and losses.

"Corporate profits tax liability" comprises Federal and State taxes levied on corporate earnings. Disbursements of tax refunds are deducted from tax liability in the year in which the tax liability was incurred.

"Net interest" measures the monetary interest and imputed interest accruing to the Nation's residents from private business and from abroad, minus government interest disbursements to corporations. Imputed interest consists of the value of financial services received by persons without explicit payment and property income withheld by life insurance companies and mutual financial intermediaries on the account of persons. As government interest paid to corporations appears as part of corporate profits, it is deducted in computing net interest to prevent its inclusion in the national income.

The quarterly data for national income represent interpolations of annual totals (the methods employed in calculating the annual estimates are beyond the scope of this descriptive note). For the most part, the interpolating data used are components of the personal income series (described in some detail in note 1 for p. 8) supplemented by special studies on corporate profits, which utilize publicly reported quarterly

corporate-earnings data. In the computations of seasonally adjusted corporate profits, separate indexes were constructed for individual industries by a variety of methods: Ratio to moving averages, interpolation by seasonally adjusted receipts data, and by graphic techniques.

Quarterly data prior to 1947, as well as more detailed annual data prior to 1935, are shown in the NATIONAL INCOME SUPPLEMENT to the SURVEY OF CURRENT BUSINESS, July 1951. This report includes annual data by industrial origin for total national income and for the various components (other than rental income of persons) and a breakdown of total national income by legal form of organization. The annual series on salaries and wages are supplemented by data on employment and average annual earnings of employees, by industries.

² Includes the pay of employees of government enterprises and of permanent United States residents employed in the United States by foreign governments and international organizations.

³ Data for business and professional income include inventory valuation adjustment. Farm income is measured exclusive of inventory profits, therefore no valuation adjustment is required.

⁴ Less than \$50,000,000.

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. Gross national product or expenditure is the market value of the output of goods and services produced by the Nation's economy, before deduction of depreciation charges and other allowances for business and institutional consumption of durable capital goods. Other business products used up by business in the accounting period are excluded. The Nation's economy in this context refers to labor and property supplied by residents of the Nation. Gross national product comprises the purchase of goods and services by consumers and government, gross private domestic investment, and net foreign investment.

"Personal consumption expenditures" consist of the market value of purchases of goods and services by individuals and nonprofit institutions, and the value of food, clothing, housing, and financial services received by them as income in kind. They include the rental value of owner-occupied homes, but do not include the purchase of new dwellings. A breakdown of personal consumption expenditures by groups is shown on p. 41; note 1 for that page describes the statistical sources and methods used in deriving the series.

"Gross private domestic investment" consists of acquisitions of newly produced capital goods by private business and nonprofit institutions, and the value of the change in the volume of inventories held by them. It covers all private new dwellings, including those acquired by owner-occupants.

"New construction" consists of total private new construction as given on p. 30, plus estimated construction expenditures for crude petroleum and natural gas drilling. An explanation of the former series (unadjusted) is to be found in note 1 for p. 30. It should be noted, however, that recent revisions of the construction series for years prior to 1948, although reflected in the data given on p. 30, have not been incorporated in the construction component of gross private domestic investment. The petroleum and natural-gas drilling estimates are based primarily upon reports in "Oil Weekly" and "Oil and Gas Journal" of number of new wells drilled, and upon Census studies of average costs per well in 1939, with appropriate allowances in subsequent periods for changes in labor and equipment costs, differences in average depth of wells, and deepening of old wells. Monthly seasonal factors for private new construction are computed, by components, and applied to yield seasonally adjusted monthly totals, from which quarterly summations are then obtained. Quarterly seasonal factors are applied to the unadjusted quarterly petroleum and gas drilling estimates to produce an adjusted series.

"Producers' durable equipment" for 1939 and prior census years was generally estimated from commodity production data in the biennial "Census of Manufactures" combined into various groups and raised from the manufacturers' value of production to a value representing final prices paid by ultimate users by allowing for transportation charges from the factory, wholesale and retail markups, wholesale and retail inventory changes, and deducting net exports. Chief sources of data for these

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adjustments included Interstate Commerce Commission freight commodity statistics; Census of Business, "Distribution of Manufacturers' Sales," "Wholesale Trade," and "Retail Trade"; Bureau of the Census, "Wholesalers' Sales, Inventories, and Credits"; Dun and Bradstreet, "Survey of Sales and Inventories, 1935-1939"; U. S. Department of Commerce, "Foreign Commerce and Navigation of the United States." For intercensal years, manufacturers' values of production or sales were interpolated by groups by series derived chiefly from the Bureau of Internal Revenue, "Statistics of Income," and from Securities and Exchange Commission, "Survey of American Listed Corporations." The interpolated series were raised to the value representing final prices paid by ultimate users by the adjustments indicated above.

For 1942 through the first half of 1946, the estimates were based on manufacturers' commodity shipments data reported by Bureau of the Census, "Fabricated Metal-Products Plant Operations," and combined by groups comparable to those based on the "Census of Manufactures." Estimates of the portion of total shipments of each commodity destined for private domestic use were based on priorities data reported in the same source. In addition, Interstate Commerce Commission data on railroad purchases of equipment, Office of Defense Transportation figures on motor vehicle sales, Bureau of Agricultural Economics estimates of farm machinery purchases, and other data were used.

For 1940 and 1941, individual groups were interpolated by series derived chiefly from "Statistics of Income" and Bureau of Foreign and Domestic Commerce, "Industry Survey" and "Survey of Current Business."

For the second half of 1946 and subsequently, group benchmarks of manufacturers' commodity shipments derived from "Fabricated Metal-Products Plant Operations" were extrapolated chiefly by industry sales reported in the "Industry Survey" and Census data on wholesalers' sales with deductions for exports based on data obtained from export worksheets from the Bureau of Foreign and Domestic Commerce. Additional data used include the Interstate Commerce Commission figures on railroad expenditures for equipment; manufacturers' reports on truck sales; automobile registrations; Bureau of Agricultural Economics estimates of farm machinery purchases; and current Census data relating to aircraft, durable containers, construction machinery, and tractors.

"Change in business inventories" measures the change in the physical volume of inventories valued at average prices of the period. To ascertain the net physical change in the stocks of nonfarm inventories, year-end book values are expressed in terms of constant prices by means of selected Bureau of Labor Statistics wholesale price indexes appropriate to each industry. The increments in the constant dollar inventory series are converted to current prices by multiplying them by index ratios of current prices to base period prices. Quarterly data are obtained by adjusting the results of similar quarterly calculations made in less detail to the annual estimates. The change in farm inventories is estimated by the Bureau of Agricultural Economics from physical quantity data.

The book values of year-end inventories held by corporations are obtained from the "Statistics of Income, Part 2." Noncorporate inventories are mainly derived from benchmark data obtained from the "Census of Manufactures, Wholesale Trade, and Retail Trade," and from Bureau of Internal Revenue special tabulations of the tax returns of sole proprietorships and partnerships. The interpolations and extrapolations of the noncorporate data are based on the movements of the corporate series in the corresponding industries.

The year-end estimates of the book value of inventories for years after 1947 and the quarterly estimates of the book value of inventories, starting in 1939, are based, for the most part, on the inventory data obtained from the industry samples which are compiled by the Department of Commerce and published monthly in the "SURVEY OF CURRENT BUSINESS."

"Net foreign investment" is the net change in international assets and liabilities, including the monetary gold stock, arising out of the current international flows of goods and services, factor incomes, and cash gifts and contributions. Thus it measures the excess of (1) domestic output sold abroad over purchases of foreign output, (2) production abroad credited to United States-owned resources over production at home credited to foreign-owned resources, and (3) cash gifts and contributions received from abroad over cash gifts and contributions to foreigners. The net transfer of cash gifts and contributions offsets corresponding entries in "personal consumption expenditures" and "Government purchases of goods and services."

As a measure of net foreign investment, the United States balance of international payments on current account, rather than the sum of known capital transactions (including gold), is accepted. While the implied assumption that statistical errors and omissions shown in balance-of-payments statements consist entirely of capital items is inaccurate, there exists no reliable basis for estimating what portion of the error occurs in the current account.

The principal items in the current account of the balance of payments, together with brief descriptions of each, are as follows:

Merchandise trade estimates are based primarily on the recorded trade statistics compiled by the Census Bureau (shown here on pp. 102 ff.), with adjustments for incorrect valuations, parcel post shipments, and merchandise transactions of the United States Government not included in the recorded data.

Freight and shipping earnings are estimated by applying established freight rates to data regarding tonnage, commodity composition, and destination or origin of United States exports and imports as compiled by the Census Bureau from shippers' export declarations and import entries. Port expenditures are assumed to be relatively constant proportions of gross revenues, the percentages being based on financial reports filed by steamship companies with the U. S. Maritime Commission.

Travel expenditures are derived by multiplying average expenditures per traveler in each of several categories by corresponding numbers of travelers. Such numbers are based, with regard to overseas travelers, upon records of the U. S. Immigration and Naturalization Service, and, for Canada and Mexico, upon official records of those governments. The appropriate average expenditures are determined chiefly from questionnaire samples.

U. S. Government expenditures and receipts are based on data supplied by individual agencies to the Clearing Office for Foreign Transactions, Office of Business Economics.

Income on investments is derived from withholding tax records of the Bureau of Internal Revenue and from questionnaire returns filed with the Office of Business Economics by United States corporations having foreign branches or subsidiaries and by United States fiscal agents for foreign dollar bonds.

Other current transactions are based largely upon direct reports from motion picture companies, communications companies, banks, religious and charitable institutions, and other organizations responsible for the transactions.

To the extent that gifts and contributions in kind are recorded under the above headings, offsetting entries are made under the caption, "unilateral transfers," so that they are not reflected in the net balance on current account.

"Government purchases of goods and services" measure purchases of goods and services by government bodies, exclusive of acquisitions of land and used depreciable assets and of current outlays of government enterprises. They consist of general government expenditures for compensation of employees, purchases from business (net of sales by government of consumption goods and materials), net government purchases from abroad and international contributions, and the gross investment of government enterprises. Therefore, "government purchases of goods and services" exclude transfer payments, government interest, and subsidies, as well as loans and other financial transfers outside the scope of income and product transactions.

"Federal purchases of goods and services" are based essentially on the Daily Statement of the Treasury. However, since the total of budgetary expenditures there reported includes amounts not representing purchases of goods or services and excludes other items which do constitute purchases according to the definition of gross national product, and reflects still others with timing different from that of the actual purchases, numerous adjustments must be made.

The procedure is to treat the Daily Statement total of budget expenditures as a benchmark, adding or subtracting appropriate amounts so as to derive purchases of goods and services as a residual. The principal deductions are transfers to trust accounts, net expenditures of Government enterprises, subsidies, purchases of existing assets, tax refunds, grants-in-aid to State and local governments, transfer payments, interest, and loans and other capital transactions not included under any of the above captions. Chief additions are the acquisition of fixed assets and inventories by Government enterprises, general Government contributions to social insurance funds, and purchases of goods or services reflected in trust, rather than general and special, accounts of the Daily Statement. It will be noted that some of the additions involve restoration, with different timing, of items previously de-

ducted. During the war years, adjustments for renegotiation of war contracts, for Government purchases on credit, and for advances and prepayments were made. Still further adjustments grow out of technical peculiarities in the accounting practices followed in compilation of the Daily Statement.

Many of the necessary adjustments are found explicitly in the Daily Statement itself, but for the others resort must be had to the Budget, the Treasury's Combined Statement of Receipts and Expenditures, financial reports of Government corporations, and a wide variety of other documents and contacts with officials of Government agencies.

From the gross Federal purchases of goods and services to which the above comments relate must be subtracted all foreign sales by the Government, as well as its domestic sales of surplus consumption goods and materials. Data on the foreign sales come from the U. S. balance-of-payments statistics, while the domestic sales are based on reports of the War Assets Administration for some years and on the Budget for others.

"State and local purchases of goods and services" are derived primarily from the "State Finances," "City Finances," "County Finances," and other reports of the Governments Division of the Census Bureau. As in the case of the Federal estimates, nongoods and services expenditures (such as transfer payments, interest, transfers to sinking funds, grants to other governments, and transfers to public service enterprises) are omitted, and excluded goods and service expenditures (such as the capital outlay of government enterprises) are added. Interpolation or extrapolation of intercensal periods is accomplished primarily through the use of independent State and local payroll and public construction data.

Quarterly data prior to 1947, as well as annual figures prior to 1935, are shown in the NATIONAL INCOME SUPPLEMENT to the SURVEY OF CURRENT BUSINESS, July 1951.

² The war-nonwar classification of purchases of goods and services conforms, in general, to the Daily Treasury Statement classification of general and special account expenditures. War purchases include also that part of the capital formation of Government enterprises which is attributable to their war activities. Government contributions to the National Service Life Insurance Fund are classified as war; all other Government contributions for social insurance, as nonwar.

³ Consists of sales to abroad and domestic sales of surplus consumption goods and materials.

⁴ Data for "war" included with "nonwar."

⁵ Less than \$50,000,000.

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. Personal income is the current income received by persons from all sources, inclusive of transfers from government and business, but exclusive of transfers among persons. Not only individuals (including owners of unincorporated enterprises) but nonprofit institutions, private trust funds, and private pension and welfare funds are classified as "persons." Personal income is the sum of wage and salary receipts, other labor income, proprietors' and rental income, dividends and interest, and transfer payments.

"Wage and salary receipts" are equal to wages and salaries less employee contributions for social insurance, except that retroactive wages are counted when received rather than when earned. More detailed information on the several components of wage and salary receipts and an explanation of "other labor income" are given in notes 3, 4, and 5.

"Proprietors' and rental income" is the sum of income of unincorporated enterprises and inventory valuation adjustment and rental income of persons as given in the components of national income (see description in note 1 for p. 6).

"Personal interest income" measures the monetary interest and the imputed interest accruing to individuals and nonprofit institutions.

"Transfer payments" consist of monetary income receipts of individuals from government and business (other than government interest) for which no services are currently rendered, of government payments and corporate gifts to nonprofit institutions, and of individuals' bad debts to business. The contents of this item are given in detail in note 6.

Personal income differs from national income in that it includes transfer payments and government interest, while it excludes both employee and employer contributions for social insurance, corporate profits tax liability and inventory valuation adjustment, and undistributed corporate profits. A minor difference also appears in the wage and salary components in that retroactive wage payments are included in personal income when received and in national income when earned.

The sources and methods used in compiling the monthly series are given in notes following. In the quarterly series showing disposition of personal income, total personal income is the sum of the monthly totals.

For interpolating the annual series and for extending the series currently, monthly data from various governmental and private agencies are employed. Monthly reports of the U. S. Bureau of Labor Statistics, Interstate Commerce Commission, Social Security Board, Census Bureau, and other agencies are used to estimate wages and salaries.

Estimates for wages and salaries are prepared individually by industries, and for the period 1939-50 these are based mainly on payroll indexes of the Bureau of Labor Statistics, payroll indexes constructed from wage and employment data from the Social Security Board, reports by carriers to the Interstate Commerce Commission, and payroll estimates of the Maritime Commission and Bureau of Agricultural Economics. In only a few instances were indirect methods of estimate employed. Since there is a considerable lag in the publication of Social Security data, current estimates are less detailed, and resort is more frequently made to indirect methods of estimates. Nevertheless, the total payroll of groups for which no current information is available, amounts to only about 10 percent of total wages and salaries.

Seasonal indexes for the wage and salary data were constructed separately for individual industries by the ratio-to-moving-average method. For those industries in which the seasonal fluctuations are relatively minor, and for others where no adequate current information is available, no seasonal correction is applied. During the war years it was necessary to modify the existing seasonal factors and in some cases abandon them entirely. In the durable-goods manufacturing industries, the seasonals were set at 100 beginning with January 1941 for metals and metal products, except automobiles, and for those nondurable-goods industries in which payrolls were markedly out of line with prewar patterns. For the automobile industry, seasonal adjustments were abandoned beginning with January 1942. In addition, the amplitude of seasonal factors used to adjust construction payrolls was considerably dampened during the war period as well. Beginning with March 1947, seasonal correction was again applied to the nondurable manufacturing industries.

Transfer payments, for the most part, are reported directly by various governmental agencies such as the Veterans Administration, Social Security Board, and U. S. Civil Service Commission. For some of the components of transfer payments (such as State and local government employees' retirement pensions) no monthly information is available. The procedure used in constructing monthly estimates was to plot the annual averages at the mid-point of each year and to draw a smooth curve through these annual averages. It is necessary to use this procedure for less than 10 percent of total transfer payments.

Dividend payments are currently estimated from a sample of publicly reported dividends which is maintained by the Department of Commerce and embraces approximately 5,200 corporations. It has not been found feasible to adjust dividends for seasonal variation except on a quarterly basis, as this is the shortest time period for which any regularity can be established. Ratios to moving averages yield seasonal factors which are applied to quarterly totals. The seasonally adjusted quarterly totals are assumed to be representative of the mid-point of the quarter, and straight-line interpolation between the mid-points of the quarters provides seasonally adjusted estimates for the other months.

Although the monthly estimates of proprietors' income and rental income are prepared in considerable detail, they are based on less adequate data than are wages and salaries. Farm proprietors' income is based mainly on cash income from farm marketings data provided by the Bureau of Agricultural Economics. Business and professional proprietors' income estimates are based, for the most part, on annual regressions of receipts to proprietors' income. Since the monthly receipts data which are employed have already been corrected for seasonal variation, no further seasonal correction is necessary.

The rent estimates are based largely on information on residential rents collected by the Bureau of Labor Statistics for its Consumers' Price Index.

Interest estimates are in part based on current information, as in the case of the large Federal Government component, and on assumptions as to monthly pattern for the remainder of the category. Since a good deal of the interest consists of imputed interest, which represents the value of financial services received without explicit payment, it is assumed that these services flow regularly throughout the year and consequently this portion of interest is smoothed. The seasonally

adjusted interest series represents a smoothing of the annual data. The resulting monthly data reflect, therefore, only trend and cyclical fluctuations.

Other labor income represents, with the exception of pay of military reservists for which some information is available currently, a series obtained by plotting annual averages and drawing a smooth curve through these averages.

Employee contributions for quarterly periods are based on data reported by the various funds, with the exception of State and local government employees' contributions. Monthly interpolations are based on relevant wage and salary data. Currently, it is necessary to project payments into the Old Age and Survivors Insurance and State Unemployment Compensation funds and Railroad Retirement funds on the basis of payrolls, taking account of changes in contribution rates. Seasonal adjustment is made for the Old Age and Survivors Insurance and Unemployment Compensation employee contributions.

Monthly data beginning 1929 are available in the NATIONAL INCOME SUPPLEMENT to the SURVEY OF CURRENT BUSINESS, July 1951.

² "Personal tax and nontax payments" consist of taxes levied against individuals, their income, and their property that are not deductible as expenses of business operations, and of other general government revenues from individuals in their personal capacity. They include payments for such specific services as are provided within the framework of general government activities but exclude purchases from government enterprises. Tax refunds are deducted from payments at the time of refund.

Federal personal tax payments are derived from individual income, estate, and gift tax collection data as reported by the Bureau of Internal Revenue. In the years of their operation, the victory tax, the tax on use of noncommercial boats, and a share (based on an estimated ratio of personal vehicles to total registrations) of the motor-vehicle use tax are also included. Collections of withholding tax (including the victory tax) are lagged so as to reflect the timing of actual withholding. Seasonal adjustment of the quarterly series is accomplished by distributing such lagged calendar-year totals through four quarters in accordance with the movement of seasonally adjusted payrolls subject to withholding. Appropriate allowances are made for changes in tax rates. Payments of other individual income taxes (declaration, end-of-year, and back payments), estate and gift taxes, and the personal share of motor-vehicle use taxes in any calendar year are accepted as an expression of the annual rates prevailing in each quarter of that year. Similarly, the annual rate of personal tax refunds netted out in each quarter of any year is the amount of individual income, estate, and gift taxes actually refunded during that calendar year. These amounts are determined from Annual Reports of the Commissioner of Internal Revenue, adjusted, together with indirect business and corporate profits tax refunds, to the annual totals of all tax refunds in the Daily Treasury Statement. Federal personal nontax payments are determined principally from detailed analysis of Budget data on miscellaneous receipts of the Treasury.

State and local personal tax payments (which consist of income, death and gift, motor vehicle, personal property, and poll taxes, and miscellaneous personal licenses) are based on the "State Finances," "City Finances," "County Finances," and other reports of the Governments Division of the Census Bureau, with appropriate interpolation or extrapolation of intercensal years. State and local personal nontax payments, consisting largely of fines, penalties, and charges for current services (other than by government enterprises), are obtained from the same sources and by the same methods. Seasonally adjusted quarterly data at annual rates are calculated by graphic interpolation or extrapolation, except in the case of individual income taxes, where calendar-year collections are taken to reflect the annual rate in each quarter of any year.

"Total disposable income" is the income remaining to persons after deduction of personal tax and nontax payments to general government.

"Personal saving" is obtained by deducting, from total disposable income, personal consumption expenditures which are not given separately here but are shown as a component of gross national product or expenditure on p. 7 (see second paragraph of note 1 for that page). Personal saving is therefore the excess of personal income over personal consumption expenditures and taxes and other payments to general government. It consists of the current saving of individuals (including owners of unincorporated businesses), nonprofit institutions, and private pension, welfare, and trust funds. Personal saving may be in such forms as changes in cash and deposits, security holdings, indebtedness, and reserves of life insurance

companies and mutual savings institutions, the net investment of unincorporated enterprises, and the acquisition of real property net of depreciation.

Quarterly data prior to 1947, as well as more detailed annual data prior to 1935, are shown in the NATIONAL INCOME SUPPLEMENT to the SURVEY OF CURRENT BUSINESS, July 1951.

³ Includes income in kind as well as monetary receipts in the form of wages, salaries, commissions, etc. "Commodity producing industries" consist of agriculture, forestry and fisheries, mining, contract construction, and manufacturing. "Distributive industries" consist of wholesale and retail trade, transportation, communications, and other public utilities. "Service industries" comprise finance, insurance and real estate, and services. "Government" comprises Federal, State, and local government and government enterprises and pay of permanent United States residents employed in the United States by foreign governments and international organizations.

⁴ Includes employee contributions to old age and survivors insurance, State unemployment insurance, railroad retirement insurance, Federal civilian and State and local employee retirement funds, and cash sickness compensation funds, and premium payments to Government life insurance fund and national service life insurance fund.

⁵ Includes compensation for injuries, employer contributions to private pension and welfare funds, pay of military reservists (except pay of reservists on full-time active duty which is included in Government wages and salaries), and the following miscellaneous items: Directors' fees, jury and witness fees, compensation of prison inmates, Government payments to enemy prisoners of war, marriage fees to justices of the peace, and merchant marine war-risk life and injury claims.

⁶ Consists largely of monetary income receipts of individuals for which no services are rendered currently, as follows: Benefits under the unemployment compensation and old age insurance provisions of the Social Security Act and the Railroad Retirement Act; Federal civilian pensions; Government life insurance benefits; Federal military pensions, disability and retirement payments; adjusted compensation benefits; mustering-out payments to discharged servicemen; readjustment, self-employment, and subsistence allowances to veterans and military and naval insurance payments; Federal, State, and local government direct relief; and State and local government pensions, cash sickness compensation, and veterans' aid and bonuses. The item includes also government payments and corporate gifts to nonprofit institutions, and individuals' bad debts to business and other business transfers to individuals.

⁷ Equals personal income exclusive of net income of unincorporated farm enterprises, farm wages, agricultural net rents, agricultural net interest, and net dividends paid by agricultural corporations.

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¹ Compiled by the Securities and Exchange Commission and the U. S. Department of Commerce, Office of Business Economics, beginning 1945; earlier data are from the Board of Governors of the Federal Reserve System and are not precisely comparable with those beginning 1945. These data are estimates for the whole of American private industry, exclusive of agriculture. Figures are rounded (to the nearest ten million for individual quarters), hence detail may not add exactly to the totals. Estimates beginning 1945 are based on reports from a sample consisting of most of the corporations registered with the Securities and Exchange Commission, reporting to the Commission, and a large sample of unregistered manufacturing companies, unincorporated and incorporated, reporting to the Department of Commerce. Quarterly estimates are not available prior to 1945. The quarterly averages for 1935-44 are computed from revised annual estimates of the compiling agency, based on data from the Securities and Exchange Commission and other sources. Annual data for 1929-34 are available upon request.

The figures here do not agree precisely with the totals included in the gross national product estimates of the Department of Commerce on p. 7. The main difference lies in the inclusion in the latter data of agricultural investment and certain outlays charged to current account.

² Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Monthly estimates of cash receipts from farm marketings are derived from estimates of monthly sales and prices received by farmers for the various farm commodities. Where farm products are placed under loan to the Commodity Credit Corporation, receipts through loans are obtained from reports of that agency and added to receipts from quantities sold through regular marketing channels. If the

product is later redeemed, the cost of redemption is subtracted from receipts at the time of redemption. Government payments, which are added to cash receipts from marketings to obtain total cash receipts from farming, comprise all payments made directly to farmers under the various programs—that is, rental and benefit, cotton option, conservation, Sugar Act, price adjustment, parity, dairy production, and other production payments. Government aid which is reflected in prices received by farmers for their products is not included in this item since it is covered in the estimates of receipts from marketings.

The current estimates of marketings are based on estimated production, the normal percentage of the product sold, and the usual seasonal movement to market, supplemented by available current data on market receipts, and various data relating to the transportation, marketing, and processing of farm products. The estimates are subsequently revised as more complete data on production, crop-year sales, and monthly marketings become available. The estimates of monthly marketings for most of the important farm products are valued by mid-month prices. Average prices received during the month are used in computing income from truck crops. Cash receipts for a few crops are computed by applying a season average price.

Estimates for 1949-50 are preliminary. The monthly estimates for 1945-48 not only take into account final reports on production and sales, but also include adjustments to levels indicated by data collected in the 1945 Census of Agriculture. The monthly averages for 1940-44 take account of final reports from States on production and sales with adjustments on the basis of census data for all livestock items and tobacco which are not included in the monthly data. It is believed by the compiling agency that further revisions in the annual totals for these years are not likely to be large.

The indexes of cash receipts from farm marketings and C.C.C. loans are computed by dividing the estimates of the relevant totals of cash receipts for each month by the monthly average of the corresponding total in the base period 1935-39. The indexes shown here are not adjusted for seasonal variation.

Monthly data for 1941-46 appear in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual data for 1913-34 and monthly data for 1935-40 for total cash receipts from farming and total receipts from farm marketings and C.C.C. loans (dollar figures and indexes) are available on p. 28 of the May 1943 SURVEY. Monthly data for 1935-40 for all commodity groups are available in a 1942 report of the U. S. Department of Agriculture, entitled "United States Estimates of Monthly Cash Farm Income and Index Numbers of Income, January 1935 to September 1942," which describes the method of estimating marketings of the different commodities and the sources of the data. Monthly estimates for 1940-44 have not been revised to agree with annual totals for those years. Annual data for 1910-39 by commodity groups are available in a 1944 publication of the U. S. Department of Agriculture, entitled "Net Farm Income and Parity Report, 1943, and Summary for 1910-42."

³ Data for manufacturing include mining prior to 1939.

⁴ Included in "Commercial and Miscellaneous" prior to 1939.

⁵ Includes trade, service, finance, communication, and, prior to 1939, electric and gas utilities, and transportation other than railroad.

⁶ Based on annual totals including revisions not available by months; see third paragraph of note 2 for this page.

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¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, in cooperation with the U. S. Department of Agriculture, Bureau of Agricultural Economics, through 1942 and by the latter agency thereafter. The index measures the physical quantity of farm products moving to market each month. The monthly estimates of sales of individual farm commodities used in computing the estimates of cash farm income shown on p. 9 provide the basic material for calculating the index. These estimates include quantities marketed by farmers through ordinary marketing channels and quantities placed under Government loan less the quantities redeemed during the month. Furthermore, quantities delivered to the Government are disposed of in so many different ways that it is practically impossible to determine when they enter regular marketing channels. The marketing estimates exclude quantities of products retained by farmers for home consumption and, for the most part, interfarm sales. However, they include a small part of the interfarm sales to the extent that farmers buy agricultural products from central markets or from other farmers in distant markets. Such transactions result in some duplication of sales. An example is the purchase of feeder livestock from ranges and central markets for further feeding.

The index is based on marketings of 43 major agricultural products which, in the base period 1935-39, accounted for more than 93 percent of the cash receipts from all farm marketings. Sales of individual commodities are combined into groups of commodities by weighting each item by the average price received by farmers in the base period 1935-39. The group aggregates are converted to indexes and these group indexes are, in turn, weighted in accordance with the relative importance of each group in the base period (as measured by income from marketings) to obtain indexes for crops, livestock and products, and all farm products.

Data on monthly marketings of some items included in the index are not available currently and it is necessary to estimate monthly marketings from estimated production, the normal percentages sold, and the usual seasonal movement to market. The estimates are subject to revision as more complete data on marketings become available. The indexes have been revised to incorporate final data on marketings for 1945-48 used in the farm income series described in note 2 for p. 9.

The index of physical quantity of farm products sold and the index of prices received by farmers shown on p. 24 provide measures of the causes of fluctuations in cash receipts from marketings but do not measure exactly the movement in cash receipts, and in some months changes in the indexes appear inconsistent. Part of the apparent discrepancy in the movements of the indexes is explained by the fact that several sources of cash farm income cannot be included in the index of prices and marketings. The technique of the construction of the indexes also accounts in part for the discrepancies in the movements. In order to provide indexes that reflect only changes in prices or changes in volume of marketings, constant weights for the indexes of prices and of marketings have been used throughout the period while the index of cash receipts reflects current variations both in quantities marketed and in prices received for different farm products.

Monthly data for 1941-46 are shown in the 1949 and the 1947 issues of the STATISTICAL SUPPLEMENT; the figures for 1941-45 as published in those volumes have not been revised to incorporate final data used in computing the monthly averages shown in this issue and in the 1949 STATISTICAL SUPPLEMENT. For a more complete description of the index and monthly data for 1935-40, see pp. 23-32 of the April 1943 monthly SURVEY and the November 1943 issue of "The Farm Income Situation" published by the U. S. Department of Agriculture. The April 1943 SURVEY includes also annual indexes for 1929-40.

² Compiled by the Board of Governors of the Federal Reserve System, Division of Research and Statistics, to measure changes in the physical volume of production of manufactures and minerals. The index is derived from about 100 individual monthly series beginning 1939, and about 80 for the earlier years back through 1923 and about 60 for the years 1919-22. All principal groups of industries in manufacturing and mining are directly represented in the index at some stage in the production process; production at Government arsenals, quartermaster depots, and shipyards is included. Separate indexes are shown here only for the major industrial groups and selected subgroups or industries included in the total index.

More than half of the individual series used in the index are based on monthly statistics of actual units of physical production, or volume of consumption, or shipments of products; others represent production estimates based on man-hours or machinery activity adjusted, respectively, for changes in output per man-hour and for long-term changes in machinery efficiency as indicated by Census or other bench-mark data. Many of the other series are also adjusted to more comprehensive physical volume figures not available monthly. Peacetime classifications and titles of the series were retained throughout the war period; for metal-fabricating industries (such as machinery) these titles are not accurately descriptive of output during the war years, because of the large-scale conversion of these industries to ordnance production.

In constructing the indexes, allowances are made to take account of differences in the number of working days in the months and each series is then converted into relatives in terms of the average for the base period 1935-39 as 100. Series derived from man-hour figures are based on data mainly for a single week in the middle of each month and daily average allowances are not needed. In compiling the composite indexes (both unadjusted and adjusted for seasonal variation) for industries, groups of industries, and for industrial production as a whole, the individual series are weighted according to their relative importance as measured by value added by manufacture shown in the Census of Manufactures for 1937 and the value of production in 1937 for minerals as shown in the Minerals Yearbook of the Bureau of Mines. In order to give

representation to industries for which no monthly data are available, many series used are weighted not only according to their own relative importance but also, to some extent, for other closely related industries. Data shown as monthly averages are in many cases based on annual data and may differ slightly from averages of the monthly figures.

In computing the seasonally adjusted indexes, the relatives for each series are adjusted for seasonal variation by the "ratio to freehand curve" method which is discussed at length in the Federal Reserve Bulletin for June 1941. The seasonal factors reflect changes from time to time in the seasonal pattern. Seasonal variation was greatly reduced or eliminated in some industries during the war period and seasonal factors were adjusted to take account of these changes and, for a number of industries, were fixed at 100 beginning various months from January 1939 to November 1942. New seasonal developments in the period following the end of World War II have not been allowed for in computing the seasonally adjusted indexes. The months when the factors were fixed at 100 for all series in the indexes shown here are indicated in note 3. In addition, the seasonal factors for components not shown separately were fixed at 100 as follows: Several components of the index of paper and pulp in 1939 or 1941; two components of nonferrous metals smelting and refining in November and December 1940; two components of stone, clay, and glass products in October and December 1941; two components of alcoholic beverages in April 1941 and March 1942; one component of tobacco products in November 1942; one component of metals in November 1940 and one component of the petroleum and coal products in January 1942.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revision for nonferrous-metals fabricating, July 1946, 155). Monthly data for gasoline, not published in SUPPLEMENTS prior to this issue, are available upon request from 1919 forward. Monthly figures for 1939-40 for total industrial production, total manufactures, total durable and nondurable manufactures, and all other series affected by the 1943 revision are available in a table on pp. 18-20 of the December 1943 SURVEY; the table includes also (in a footnote) a few revisions for 1938 (the November 1940 figure for coke given in note 3 to the table is incorrect; the correct figure is 148). Except as indicated in that table, monthly data for 1938-40 are correct as published in the 1942 SUPPLEMENT; that volume provides also monthly averages prior to 1935, with the following corrections: Total industrial production—1934, 75; total manufactures—1931, 74.

Monthly data prior to 1938 have been published in the SURVEY as follows: Total industrial production, total manufactures, and total durable manufactures, 1919-37; iron and steel, transportation equipment, automobiles, and nonferrous metals and products, 1936-37—pp. 24 and 25 of the September 1941 SURVEY; other series (with the exception of total minerals, total metals, nonferrous metals smelting and refining, and leather tanning), 1936-37, and total nondurable manufactures, 1919-37—pp. 12-17 of the August 1940 SURVEY (1936-37 revisions for the adjusted indexes for stone, clay, and glass products and cement are given in a footnote to the table on p. 20 of the December 1943 SURVEY referred to above and there have been a few scattered 1-point revisions in the monthly figures, largely for 1919-22, for total industrial production, total manufactures, and total durable manufactures).

A complete description of the industrial production indexes, and monthly data for all series from the earliest date available are included in a report of the compiling agency, "Federal Reserve Index of Industrial Production," October 1943. The description of the iron and steel index has been revised since publication of that volume; detailed description of the change in method of calculation may be obtained from the compiling agency.

³ Seasonal factors for the indicated industries were fixed at 100 beginning various months as follows (see fourth paragraph of note 2 above): Iron and steel, coke, and rubber products, December 1940; gasoline, December 1941; furniture, February 1942; machinery, July 1940; components of nonferrous-metals fabricating, January 1940, February 1941 or August 1941; automobiles, September 1941; other components of the transportation equipment group, various months in 1939 or 1940; industrial chemicals, January 1939; shoes, July 1942; cotton consumption, November 1940; wool textiles, December 1940, rayon deliveries, February 1941, and the other component of the textiles and products group, in October 1941; anthracite, January 1940; bituminous coal, May 1941; crude petroleum, October 1941. The "adjusted" indexes for these series subsequent to the indicated months are therefore the same as the unadjusted

indexes. In cases where seasonal factors were fixed at 100 prior to 1947, and data for the adjusted and unadjusted series are the same for the entire period 1947-50, the indexes are shown only in the unadjusted series. Although the seasonal factor for the petroleum and coal products group was not specifically fixed, data for the adjusted and unadjusted series are identical for the period shown here.

⁴ Methods used in compiling the index for the iron and steel group have been revised beginning October 1949. A description of the new method is available upon request.

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¹ See note 2 for p. 10.

² See note 3 for p. 10.

³ This series is based upon man-hour statistics for plants classified in the automobile and automobile parts industries and is designed to measure productive activity during the month in connection with assembly of passenger cars, trucks, trailers, and busses; production of bodies, parts, and accessories, including replacement parts; and output of nonautomotive products made in the plants covered. Prior to 1935 the automobile industry was represented by a series based on factory sales of motor vehicles; this series was continued through November 1941 and for the period 1935-November 1941 was given part of the weight assigned to the automobile industry in computing the indexes for transportation equipment and the totals including this item.

Pages 12-14

¹ See note 2 for p. 10.

² See note 3 for p. 10.

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¹ See note 2 for p. 10.

² Compiled by the U. S. Department of Commerce, Office of Business Economics. Sales are estimated aggregate dollar values and inventories (see data on succeeding pages) are estimated book values at the end of the year or month. Business sales and inventories are here defined as the sum of data for manufacturing and wholesale and retail trade. These figures are smaller than the nonfarm business statistics used in gross national product computations by the amount of sales (or revenues) and inventories for construction, utilities, and other nonindustrial sectors.

Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are, in general, valued at the lower of cost or market price. About 15 percent of manufacturers' inventories are valued on a last-in-first-out (LIFO) basis; the use of LIFO is much less prevalent in trade generally (though it is used extensively by department stores).

Changes in the book value of business inventories reflect movements of replacement costs as well as changes in physical volume. In measuring inventory investment as part of the gross national product, the data are adjusted to remove the effect of changes in replacement costs. (See explanation of "inventory valuation adjustment" in note 1 for p. 6.)

Monthly data for 1946 are shown on p. 17 of the October 1950 SURVEY; monthly data for 1939-45 are available upon request.

Data shown in the present volume for total business sales and inventories and for the trade components will be revised, wherever necessary, from 1940 forward, to adjust to bench marks indicated by the 1948 Census of Business. The revisions, now in preparation, will be published in the SURVEY OF CURRENT BUSINESS the latter part of 1951. The manufacturing division will be revised, as necessary, to adjust to data from the 1948 Statistics of Income and other current source materials; these revisions will also appear in the SURVEY the latter part of 1951.

³ See note 2 for p. 16 for description of the manufacturing series.

⁴ The series represent sales and inventories of all wholesalers based on the definitions and classifications in the 1939 Census of Business, with two exceptions. First, the operations of corporate manufacturers' sales branches have been excluded, since sales and inventories of these branches are covered in the revised manufacturing series. The second exception is the inclusion of brokerage or commission sales on the basis of the actual receipts of the agent or broker rather than as the total value of goods sold as reported in the Census of Business. Other groups of wholesalers included in the series are service

and limited-function wholesalers, assemblers (mainly of farm products), and petroleum bulk stations.

For data regarding methods used in valuing inventories, see the 2nd and 3rd paragraphs of note 2 for this page.

The major sources of information used in the estimation of wholesale trade statistics are the Census of Wholesale Trade for the years 1929, 1933, 1935, and 1939; the Bureau of Internal Revenue's Statistics of Income, Part 2 (annually 1938-46), for corporate data; the Bureau of Internal Revenue's compilations of noncorporate data on sales in 1939 and 1945 and of year-end inventories for 1938, 1939, 1944, and 1945; and the "identical" firm sample of from 3,000 to 4,000 service and limited-function wholesalers reporting stocks and sales to the Bureau of the Census.

In addition to the sources named above, data from the Bureau of Mines and from the Bureau of Labor Statistics are used in deriving estimates for coal. Also, for total petroleum sales and stocks, estimates are based on data from the Bureau of Mines, Bureau of Labor Statistics, and the American Petroleum Institute. The agricultural raw materials estimates are based principally on data from the Bureau of Agricultural Economics. Data are estimated by kinds-of-business groups and the group estimates are totaled to obtain sales and inventories of all wholesalers. For a detailed description of the methods and sources used in compiling the series, see pp. 22-24 of the August 1948 and page 13 of the October 1949 issues of the SURVEY.

Monthly data for 1946 for sales and inventories are shown on pp. 19 and 20 of the October 1949 SURVEY; those for 1941-45 for sales and 1942-45 for inventories appear on pp. 23 and 24 of the September 1948 SURVEY. Monthly data for 1939-40 for sales and 1939-41 for inventories are available upon request.

⁵ See note 1 for p. 42.

⁶ Monthly averages for business sales are based on annual totals for the unadjusted series.

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¹ See note 2 for p. 15.

² Compiled by the U. S. Department of Commerce, Office of Business Economics. The manufacturing data on this page and on pp. 15 and 17-21 are estimates based on a sample of reporting companies which account for more than 45 percent of total manufacturing sales.

The sales and inventory figures in the present volume supersede those in earlier issues of the STATISTICAL SUPPLEMENT. The revised estimates shown here are based on annual data through 1947 published by the Bureau of Internal Revenue in Statistics of Income, Part 2, with an adjustment for unincorporated manufacturing concerns. For a detailed description of the procedures used in the current series, see p. 16 of the October 1950 SURVEY and pp. 12-14 of the October 1949 issue.

Sales are net, i.e., less discounts, returns, and allowances, and are adjusted for renegotiation of war contracts in the relevant years. The figures represent sales and receipts involved in any activity of a manufacturing company, including those activities that do not pertain strictly to manufacturing. They include sales from one manufacturer to another and, therefore, do not measure changes in the net flow of goods from the manufacturing industry as a whole.

Inventory data are book values of stocks on hand at the end of the period—purchased materials, goods-in-process, and finished goods. All inventories owned by a company are covered, including not only those located in factories but also goods-in-transit, in warehouses, in manufacturers' sales branches, etc. For further explanations regarding methods of valuing inventories, see the 2nd and 3rd paragraphs of note 2 for p. 15.

Monthly data for 1946 are shown on pp. 18-21 and 23 of the October 1950 SURVEY; monthly data for 1939-45 for total manufacturing, total durable-goods and total nondurable-goods industries are available upon request.

³ See note 4 for p. 15.

⁴ See note 2 for p. 45.

⁵ Data for inventories are end-of-year figures, not averages of end-of-month data.

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¹ See note 2 for p. 16.

² Based on annual totals for the unadjusted series.

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¹ See note 2 for p. 16.

² As designated by the individual manufacturer; the finished product of one company may be the purchased material of another.

³ Monthly averages for sales are based on annual totals for the unadjusted series; data for inventories are end-of-year figures, not averages of end-of-month data.

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¹ See note 2 for p. 16.

² Data are end-of-year figures, not averages of end-of-month data.

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¹ See note 2 for p. 16.

² Compiled by the U. S. Department of Commerce, Office of Business Economics. Data for new and unfilled orders are dollar aggregates directly comparable with the sales and inventory series. Unfilled orders were obtained by estimating the aggregate value as of December 1947, and then computing the movements forward and back from that point. To derive the level, the reporting sample was stratified by industry and size in the same way as for estimating sales, and in each stratum, the sample ratio of unfilled orders on December 1947 to sales for 1948 was applied to total sales for 1948.

The sample of companies reporting orders data is smaller than that reporting sales, because of the number of companies for which new orders were equal to sales and also because of those which have backlogs but do not report. However, the sample accounts for more than 25 percent of unfilled orders for all manufacturing.

The month-to-month percentage changes in unfilled orders shown by the sample were used to obtain the monthly movements of total backlogs in each stratum. Then net new orders were computed from the estimated monthly sales added to the change in unfilled orders.

For monthly data for 1946, see p. 22 of the October 1950 SURVEY.

³ Data for inventories are end-of-year figures, not averages of end-of-month data.

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¹ See note 2 for p. 20.

² Includes motor vehicles and equipment; lumber; furniture; stone, clay, and glass; and miscellaneous industries.

³ Data for unfilled orders are end-of-year figures, not averages of end-of-month data.

⁴ Minus sign denotes excess of cancellations over new orders.

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. The data on operating businesses and new, discontinued, and transferred businesses refer to number of "firms" as opposed to the number of "establishments." A firm is defined as a financially responsible business organization under one management with an established place of business and may control one or more plants or outlets. All nonfarm businesses are included, regardless of size; however, professional practices such as those of physicians, lawyers, etc., are not considered business firms.

Discontinued businesses include closures of all kinds without reference to the reason for going out of business—e.g., retirement, failure, illness, etc. A firm which is maintained as a business entity but which undergoes a change in ownership is not a discontinuance but is counted among the business transfers. Transfers also include firms which have undergone a change in legal form of organization—e.g., from partnership to corporation. New businesses include only firms that have been newly established, since going businesses which have been purchased are considered transfers.

The data on number of operating businesses and number of new, discontinued, and transferred businesses are estimates of the Office of Business Economics. Estimates are based in part on statistics compiled by the Bureau of Old Age and Survivors Insurance. Breakdowns by industry are presented according to the Standard Industrial Classification as of 1942, except for the manufacturing division for which the 1945 revision of the

Standard Industrial Classification was used. Firms engaged in more than one industry are classified according to the industry of greatest employment.

The data shown here and in the 1949 STATISTICAL SUPPLEMENT represent revisions of the series on number of operating businesses and number of new and discontinued businesses. This revision, along with a description of the sources and methods used in preparing the estimates, was presented in the June 1949 SURVEY. In that issue of the SURVEY may be found annual average number of firms in operation (1929-46) by the industry divisions and by the manufacturing industry groups, and end-of-quarter number of firms in operation (1939 - 3rd qtr. 1947), as well as quarterly data on new businesses (1944 - 3rd qtr. 1947) and discontinued businesses (1944 - 3rd qtr. 1948) by detailed industries. Data for periods subsequent to those mentioned above have been revised since publication in the June 1949 SURVEY (see the present STATISTICAL SUPPLEMENT). Quarterly data for 1944-46 for business transfers are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

Special articles in the SURVEY have also presented business population estimates by State and region (December 1949 issue), by size of firm (May 1950 issue), and by legal form of organization (June 1951 issue).

² Data for operating businesses are averages of end-of-quarter estimates centered at June 30. The figures for new businesses and discontinued businesses are quarterly averages. Annual figures for 1950 and figures for the final quarter of that year are preliminary.

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¹ See note 1 for p. 22.

² Compiled by *Dun and Bradstreet, Inc.* Figures for new business incorporations represent the total number (for the 48 States, excluding the District of Columbia) of stock corporations issued charters under the general business corporation laws of the several States.

Data beginning July 1945 are shown on p. 21 of the May 1950 SURVEY.

³ Compiled by *Dun and Bradstreet, Inc.* A failure is defined as "a concern which is involved in a court proceeding or a voluntary action which is likely to end in loss to creditors." All industrial and commercial enterprises which are petitioned into the Federal Bankruptcy Courts are included in the failure records, as well as concerns which are forced out of business through such actions in the State courts as foreclosure, execution, and attachments with insufficient assets to cover all claims; and also voluntary discontinuances with known loss to creditors, where obtainable.

For the period covered here the records are confined strictly to industrial and commercial enterprises, and do not include such activities as banks, financial companies, amusement enterprises, railroads, holding companies, real estate and insurance brokers, shipping agents, tourist companies, transportation terminals, etc. Also no personal bankruptcies, such as doctors, lawyers, dentists, are included.

The series shown for liabilities represent approximately current liabilities (i.e., all accounts and notes payable, and all obligations whether secured or not, known to be held by banks, officers, affiliated companies, supplying companies, or the Government).

The comparability of the data is affected between 1938 and 1939 by more complete coverage (beginning the latter year) of voluntary discontinuances with loss to creditors and of small concerns forced out of business by such actions as attachment, execution, or foreclosure, with insufficient assets to cover all claims. Inclusion of the additional cases in 1939 increased the total number of failures for that year by 29 percent and the current liabilities by 9 percent (monthly averages for 1939 comparable with earlier years are—total number of failures, 951; liabilities, \$14,017,000). Practically all of the additions were small concerns with liabilities under \$25,000, and a majority of these had debts of less than \$5,000.

The classification of the failure records by industries was revised, beginning January 1940, to conform to the "Standard Industrial Classification Manual," in order to facilitate direct comparison between failures and any other series of data based on the same official code. This revision resulted in the shifting of bakeries with retail outlets from manufacturing to retail trade. The monthly average number of bakery failures transferred from the manufacturing to the retail group for 1940 was 14 and monthly average amount of liabilities, \$65,500. Similar revisions have not been made in the 1939 figures for manufacturing and retail trade which are shown in italics.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT. Revisions for 1945 are as follows: Number of failures for December—grand total, 41; commercial service, 4; amount of liabilities for December and monthly average, respectively—grand total, \$1,654,000, \$2,519,000; commercial service, \$202,000, \$423,000. Revisions for 1946 are as follows: Number of failures for November—grand total, 103; commercial service, 12; amount of liabilities for November and monthly average, respectively—grand total, \$9,511,000, \$5,612,000; commercial service, \$202,000, \$531,000.

Monthly averages for 1913-34 for total number of failures and total liabilities and monthly data for 1939-44 for all series are shown in the 1947 and 1942 SUPPLEMENTS. (The descriptive note in the 1942 volume explains a revision in the content of the data which affects the comparability of the figures for 1913-32 with those for later years.) Comparable data prior to 1939 for the industry groups are not available because of revisions in the series in 1939 and 1940 referred to above. Monthly figures for 1936-39 on the old basis are available in the 1940 SUPPLEMENT and earlier monthly figures on the same basis appear on pp. 17-18 of the December 1938 SURVEY.

⁴ Data for 1935-38 are not comparable with figures for later years; see fourth paragraph of note 3 above for an explanation of revision beginning 1939.

⁵ Not entirely comparable with data for later years; see fifth paragraph of note 3 above.

⁶ The figures for discontinued businesses and business transfers are quarterly averages. Annual figures for 1950 and figures for the final quarter of that year are preliminary.

⁷ Average for 6 months (July-December) for 47 States (excluding Louisiana).

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¹ Compiled by the U.S. Department of Agriculture, Bureau of Agricultural Economics. The indexes of prices received by farmers (as well as those for prices paid and the parity ratio) have been revised from 1910 forward, partially to accomplish long-needed revisions and partially to incorporate changes prescribed in the 1948 and 1949 Amendments to the Agricultural Adjustment Act of 1938. These changes were made in connection with the new method of computing parity prices, and became effective January 1, 1950.

Revisions include the adoption of more suitable weight-base periods, the addition (or substitution) of commodities, and allowance for cash wage rates paid hired farm labor in the parity index. The indexes are constructed according to the equivalent of a weighted aggregative formula, with certain modifications resulting from problems of introducing new commodities and items and of reflecting changes in the weighting pattern.

The August 1909-July 1914 base for the index of prices received has been shifted to 1910-14 (the same as for prices paid). Indexes are based on prices (about the 15th of month) received by farmers for their products sold at local markets or at the point to which farmers deliver their products in their own conveyances or in local conveyances they hire for the purpose.

The reported prices received by farmers are tabulated and averaged by crop-reporting districts. These district averages are weighted by district sales or production estimates, to obtain weighted State averages. The State averages are weighted by State marketing or production estimates to arrive at national averages.

A total of 48 commodities are now represented in the index. The 48 items represented accounted for 93.2 percent of the total cash income from farm marketings in 1937-41. Data for some commodities are not available all the way back to 1910 (the earliest year for which the index was computed). Thus strawberries were added to the index in January 1919, truck crops in January 1924, and soybeans, grain sorghums, and turkeys in January 1935. (Indexes for October 1943-June 1946 reflect wartime-subsidy payments made on butterfat, milk, beef cattle, and lambs during that period.)

The weights used in constructing the index represent the average quantities of (and cash receipts from) farm products sold in 1924-29 and in 1937-41, with adjustments to reflect imputed weights for items not included in the index. For data from 1910 through 1934, the 1924-29 weights are used; thereafter, the 1937-41 weights.

Weights applied to obtain aggregates for individual commodities for 1910 through 1934 are average quantities sold by farmers for the 6-year period, 1924-29; beginning 1935, weights are 5-year averages of sales by farmers during 1937-

1941. For livestock and livestock products, calendar-year sales were used in computing the averages; for crops, the corresponding crop-year sales were used.

For combining the various subgroups indexes into an all-crop, an all-livestock and livestock products, and an all-commodity index, weights are percentages based on average cash receipts of farmers for the two periods, 1924-1929 and 1937-41.

The items represented in each group and the percentage weights of the groups based on average cash receipts in 1924-29 and 1937-41, respectively, are as follows: Food grains (wheat, rye, rice), 8.9 and 7.1; feed grains and hay (corn, oats, barley, grain sorghums, hay), 7.5 and 6.4; cotton, 13.9 and 8.4; tobacco, 2.6 and 3.7; oil-bearing crops (cottonseed, soybeans, peanuts, flaxseed), 2.3 and 3.0; fruit (apples, oranges, lemons, grapefruit, pears, peaches, grapes, strawberries), 6.0 and 6.2; truck crops (snap beans, cabbage, carrots, cauliflower, celery, onions, lettuce, green peas, green peppers, spinach, tomatoes), 3.5 and 5.0; other vegetables (white potatoes, sweet potatoes, dry edible beans), 3.3 and 2.8; meat animals (cattle, calves, sheep, lambs, hogs), 26.1 and 28.6; dairy products (milk, wholesale and retail, butterfat), 15.1 and 17.6; poultry (chickens, turkeys) and eggs, 9.9 and 10.0; wool, .9 and 1.2.

The indexes shown here are not adjusted for seasonal variation. The original reports include also adjusted indexes for four subgroups—fruit, truck crops, dairy products, and poultry and eggs.

Monthly averages back to 1910 for prices received and annual averages for 1910-23 and quarterly averages for 1924-34 for prices paid and parity ratio are shown on p. 36 of the July 1950 SURVEY. Subsequent revisions are as follows: Prices paid, all commodities—1945, 179; 1947, 230; all commodities, interest, taxes, and wage rates—1942, 151; 1947, 239; parity ratio—1913, 100; 1942, 105. For monthly data prior to 1947, see Supplements to the January and February 1950 issues of "Agricultural Prices." A complete description of the revised indexes appears in the April 1950 issue of "Agricultural Economics Research", published by the Department of Agriculture.

² Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. See first two paragraphs of note 1 above for general information relating also to indexes of prices paid, etc., and the parity ratio.

The index of prices paid by farmers is a measure of the over-all changes that occur in the level of prices charged to farmers and their families for commodities used in living and farm production. In addition to commodities, the combined index (parity index) now includes data for interest per acre on farm indebtedness secured by farm real estate, taxes per acre on farm real estate, and cash wage rates paid hired farm labor.

Prices paid by farmers are compiled primarily from data reported by several thousand independent retail merchants—quarterly since 1923 for most groups of items, annually before that date, and in recent years monthly for some items. Prices paid for individual commodities are averaged for individual States and then weighted by latest available estimates of purchases of each commodity by farmers in each State, to obtain an average for the country as a whole.

The revised index of prices paid includes 177 commodities used in family living and 158 used in production. For the period 1910-March 1935, indexes for the several commodity groups were constructed by weighting prices of individual commodities by the average quantities estimated to have been purchased per farm during 1924-29. Since March 1935, prices of individual commodities have been weighted by average quantities estimated to have been purchased per farm during 1937-41. The commodity-group indexes have been combined into an index representing commodities used in both living and production, together with interest, taxes, and wage rates paid hired farm labor, by weighting the several group indexes in proportion to the percentage of total expenditures represented by the commodities and services in the corresponding groups in the respective periods.

Percentage weights used in deriving the combined index are as follows (1924-29 and 1937-41 weight bases, respectively): Commodities in living, 41.2 and 44.0; commodities in production, 36.4 and 41.2; taxes, 5.7 and 3.8; interest, 6.5 and 3.0; cash wage rates, 10.2 and 8.0.

The parity ratio is obtained by dividing the index of prices received by farmers for all commodities by the index of prices paid, including interest, taxes, and wage rates.

For references to earlier data and to a more detailed description of methods used in constructing the indexes, see last paragraph of note 1 for this page.

³ Averages for prices paid by farmers and parity ratio for 1935-36 are based on quarterly figures.

¹ Compiled by U. S. Department of Commerce, Office of Business Economics. The series represents the movement of prices at retail stores and is designed for use in connection with the Department's estimates of sales of retail stores. The price index is based on data collected by the U. S. Department of Labor, Bureau of Labor Statistics, the U. S. Department of Agriculture, Bureau of Agricultural Economics, and other agencies. It differs from the Bureau of Labor Statistics consumers' price index by the omission of rents and other service prices and the inclusion of prices for building materials, farm machinery, and other nonconsumer goods sold through retail stores.

The combined index is built up from eleven component indexes, one for each major group of retail stores, by the use of constant weights—namely, the dollar sales in the period 1935-39 of the group of stores to which the index applies. Where component indexes are obtained by combining several series, weights are based on an analysis of sales by commodity groups from the 1939 Census of Retail Trade.

For some of the groups adequate price data are not available, and the choice of representative series was necessarily arbitrary. For example, in the case of eating and drinking places, for lack of more adequate figures, the Bureau of Labor Statistics retail food price index is used. Hence, considerable caution must be exercised in the use of the retail-store price index, even in normal times. Furthermore, the effect of the disappearance during the war and the subsequent reappearance of certain lower-price lines and, in some cases, of complete lines of goods, as well as changes in the quality of products, cannot be measured. Some appraisal of these and other qualifying factors must be made before the price series can be used as deflators in determining changes in the physical volume of goods sold at retail stores.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual indexes for 1929 and 1933 and monthly data for 1939-40 are available on p. 31 of the February 1946 SURVEY.

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The indexes are based on retail prices as of the 15th of the indicated month for Pennsylvania anthracite, white ash, chestnut size, in 10-25 cities, and bituminous coal, various sizes, in 21-38 cities. Through July 1935 and beginning September 1940, prices were collected monthly. In the intervening period they were collected quarterly. Prices are for cash sales at retail of coal for household use delivered at the curb, or into the bin if no extra charge is made.

Prior to September 1940 for bituminous coal and prior to July 1944 for anthracite, the number of cities included was constant (38 for bituminous coal and 25 for anthracite). Thereafter the number of cities covered was gradually reduced until at the end of 1950 data for 21 cities were included in the average for bituminous coal and for ten cities in the average for anthracite. In computing the indexes adjustments are made for changes in the number of cities and in the sample of reporters so that the indexes are comparable.

The series for anthracite represents a weighted average of prices in the cities included. Weights used in combining the prices are based on the distribution by rail, or rail and tide-water, to each city during the 12-month period from August 1, 1935 to July 31, 1936. The bituminous-coal series represents an unweighted average of price quotations. Price averages for the period October 1922 to September 1925, inclusive, are taken as 100 for both series, the last quarter of 1922 being substituted for the last quarter of 1925 to eliminate the abnormally high prices which resulted from the 1925-26 strike in the Pennsylvania anthracite mines.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual averages for 1929-34 and quarterly or monthly figures for 1938-40 are available in the 1942 volume. Earlier quarterly or monthly data appear in the 1940 and 1938 SUPPLEMENTS and on p. 20 of the October 1937 SURVEY.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The consumers' price index for moderate-income families in large cities (formerly known as the "cost of living index") measures average changes in retail prices of goods, rents, and services purchased by wage earners and lower-salaried workers in large cities. Until January 1950, time-to-time changes in retail prices were weighted by 1934-36 average expenditures of urban families. Weights used beginning January 1950 have been adjusted to 1949-50 spending patterns. Data for individual cities are combined by population weights to obtain the index for the United States.

The index does not measure changes in the total amount families spend for living, since changes in living costs are determined by changes in income, in the manner in which families live, and in quantities and qualities of goods and services purchased, as well as by price changes. The index does not represent price changes affecting other population groups, such as single consumers, families living in rural areas, families of business and professional men, and families deriving a major portion of their income from sources other than earnings, whose buying habits may differ radically from those of moderate-income urban families. Nor does it take into account changes brought about by migration of families to large cities from rural communities or from other cities.

A comprehensive revision was made in 1940 and indexes were calculated back to 1935. A complete series beginning 1913 was obtained by linking the original series, based on a smaller number of commodities and cities, to the revised series. Another comprehensive revision is under way and is scheduled for completion in 1952.

With the release of the January 1951 indexes some interim adjustments were incorporated in the indexes. These adjustments include the following:

1. Introduction of 1950 population weights.
2. Correction of an understatement of the rent index, caused by the failure of the index to reflect the effect of higher rents charged for new dwellings when they were first rented ("new unit bias") which had accumulated since 1940.
3. Addition of new items either because of their increased importance in family spending or to improve the measurement of price movement for similar unpriced items.
4. Revision of commodity weights to reflect 1949-50 spending habits.

Indexes were recalculated back to January 1950, using the new sample of items and the adjusted weights. Correction of the "new unit bias" in the rent and all-items indexes was carried back to January 1940, although the corrections in the rent index in 1940 were not sufficient to affect the combined large-city totals. Indexes originally published for January 1940-December 1950 are referred to as the "old index series." For the convenience of users, the Bureau of Labor Statistics will continue to calculate and publish the old index series at least through 1951. Indexes shown here are the adjusted series.

Indexes calculated with the adjusted weights were linked to the "old series" at January 1950 to form a continuous series since 1913—that is, the indexes originally published for January 1950 were not changed (except the indexes for rents and for "all items" combined). In its major characteristics the index remained unchanged. The adjusted series is an improved measure of the movement of prices of goods and services purchased by moderate-income families in large cities. No change was made in the basic index formula, the calculation procedures, or the price-collection method.

The items currently priced for the index include approximately 225 commodities and services customarily purchased by moderate-income families (with more than one quality for the more important items). They represent all family living essentials—food, apparel, rent, fuel, electricity, and refrigeration, housefurnishings, and miscellaneous goods and services, such as medical care, personal services, household operation, automobiles and the items necessary for their operation and upkeep, other transportation, tobacco products, and motion pictures. Income taxes are not included in the index but sales and excise taxes are included in the prices of goods where applicable. Prices center around the middle of the month.

The food index is based on prices of approximately 60 items collected monthly in 56 large cities, beginning March 1943, and in 51 cities for earlier periods. Prices of other goods and services and rent data are collected in 34 large cities (33 cities for 1935-39). Prices of fuel, electricity, and refrigeration are collected monthly in these cities. From 1935 through June 1947, prices of apparel, housefurnishings, and miscellaneous goods and services were obtained in the 34 cities (or 33 prior to 1940) in March, June, September, and December (in March, July, and October for 1935 and in January, April, July, September, and December for 1936). After September 1940, prices were also collected in the intervening months in 20 or 21 cities (21 beginning November 1941) of the 34 cities for a shorter list of goods and services than were priced quarterly. Indexes based on the more limited data were linked to the quarterly indexes and were subject to revision after each quarterly pricing period.

In July 1947 a new schedule was adopted for collecting prices of apparel, housefurnishings, and miscellaneous goods and services. Prices are obtained in 10 key cities each month and in the 24 other large cities quarterly by rotation. Prices are collected in eight of the quarterly cities each month. The all-cities or national averages for these groups are computed by weighting indexes for the 18 cities surveyed during the month and for the other 16 cities, using estimated changes in retail prices.

Rent data are obtained, from tenants in each of the 34 large cities, three times a year by mail and once a year by personal visit. The rent index measures changes in rent from one period to another for the same rented dwellings, with the same facilities, furnishings, and services. The samples of dwellings for which rents are currently collected were recently brought up to date on the basis of comprehensive housing surveys conducted in each of the 34 city areas between December 1949 and February 1950. These up-to-date samples are representative of new as well as old houses and apartments in all sections of each city and its surrounding suburbs. Since 1940, the samples have been revised three times (in 1942, 1944-46, and 1949-50) to keep them representative of rental housing. Prior to 1942, rent data were obtained from records of rental management firms.

Rents were collected in the 34 or 33 cities quarterly through June 1944 (with the same exceptions in 1935 and 1936 as noted for apparel, etc., prices) and monthly in the 20 or 21 cities between quarterly surveys from September 1940 through November 1942. Because of the general stability of rents under Government control, effective September 1944 through June 1947, rents were collected only semiannually in most of the 34 cities (usually in March and September, or in June and December through 1946, and in 5-7 cities each month during the first half of 1947); rents were held constant in cities not surveyed during the quarter or month. A special survey was made in August 1946 and rents were not surveyed in December of that year. Beginning July 1947, rents are surveyed at least quarterly in each of the 34 cities and, in computing the all-cities average, rent changes are estimated for the cities not surveyed during the month.

The weights used to combine price changes for the individual goods and services into subgroups by cities represent the relative importance of each of the goods and services in the spending patterns of moderate-income families in each city. They are computed so as to represent all goods and services classified in each group, rather than only the items priced. Aggregate costs are computed for each group of items in each city for each pricing period and the group costs added to obtain the all-items cost for the city. These costs are then related to the cost in the base period, 1935-39, to obtain city indexes. The individual city group costs are combined into all-cities averages with weights based on the population of the given metropolitan area and other cities in the same region and size class. The resulting average costs are then related to similar average weighted costs in the base period, 1935-39, to obtain the indexes shown here.

Before the January 1950 adjustment the weights were based on surveys of actual spending of moderate-income families in each city during the period 1934-36 (except for certain adjustments during the war period indicated below). In the all-items index for 33 cities in 1935-39 the relative importance of the six groups was as follows: Food, 33.9 percent; apparel, 10.5 percent; rent, 18.1 percent; fuel, electricity, and refrigeration, 6.4 percent; housefurnishings, 4.2 percent; and miscellaneous, 26.9 percent. These percentages change from period to period because prices in the different groups increase or decrease at different rates.

By January 1950 the relative importance of items in the index (i.e., the distribution of current index value weights) was not representative of the current spending patterns of moderate-income urban families. These weights were adjusted to 1949-50 expenditure distributions estimated on the basis of the Labor Department's surveys of actual family spending in 7 cities and its studies of rent and housing costs in 34 cities. These survey data were supplemented by information from recent food consumption surveys of the Department of Agriculture and from trade and official sources on production, marketing, sales, and other facts pertinent to consumption and expenditures. The relative importance of the six groups in the all-items index for 34 cities in January 1950 after adjustment was as follows: Food, 33.3 percent; apparel, 12.8 percent; rent, 11.6 percent; fuel, electricity, and refrigeration, 3.7 percent; housefurnishings, 5.7 percent; and miscellaneous, 32.9 percent.

During the war period it was necessary to make adjustments in the commodities and weights used, in order to take account of rationing and the disappearance from the market of some goods. Automobiles and many household durable goods, which were not available to civilians, were removed from the index. In September 1946 the articles removed were reintroduced into the index. In making these reintroductions current prices were compared with prices of similar articles when last available. Since price changes for these items differed somewhat from those of items in the index during the war period, the reintroductions resulted in some adjustment in the level of the indexes. During the war, the relative importance of gasoline, fuel oil, and motor oil in the index was reduced, as the use of automobiles was restricted and rationing was extended; and the relative importance of automobile repairs and public transportation costs was increased. In September 1945 the weight adjustments for these items were partially restored and in September 1946 the weights were readjusted to the basic consumption pattern established by the 1934-36 study.

During World War II the President's Committee on the "Cost of Living" estimated that an understatement of approximately five points accumulated in the index between January 1941 and September 1945, as a result of quality deterioration, disappearance of low-priced merchandise, and the omission of small cities from the national average. With the reintroduction of prewar qualities, reappearance of low-priced merchandise, elimination of under-reporting, etc., most of the five-point adjustment was no longer applicable.

Annual average food indexes have been computed by averaging the monthly indexes. Annual averages for the all-items index and for groups other than food, for years in which quarterly or longer pricing periods were used, were computed by obtaining a weighted average of the indexes for each pricing period affecting the year, taking into consideration the indexes for the last period of the preceding year and the first period of the following year. Estimated all-items indexes for months between pricing periods, prior to initiation of the monthly series in September 1940, were computed from food, coal, electricity, and gas prices assuming an even rate of change in the cost of all other groups between quarters.

A detailed description of the method of computing the consumers' price index is published by the U. S. Department of Labor in Bulletin 699, "Changes in Cost of Living in Large Cities in the United States, 1913-41." This bulletin and the monthly releases of that agency contain data for individual cities in addition to the national average shown here.

For additional information on the uses and limitations of the index, and on the January 1950 adjustment of the index, see the following articles which have been published in the *Monthly Labor Review*:

"The CPI—A Summary of Its Essential Features." (July 1948)

"Construction of Consumers' Price Index." (Sept. 1949)

"Interim Adjustment of Consumers' Price Index." (April 1951)

"Correction of New Unit Bias and Rent Component of Consumers' Price Index." (April 1951)

"Consumers' Price Index: The Relative Importance of Components." (June 1951)

Monthly data for 1941-46 (except revisions for all items and rent and data for other fuels) are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Revisions for the "all items" index (July 1942-December 1946) and for the "rent" index (March 1941-September 1946) are available upon request. The subgroup "other fuels and ice" has been discontinued and replaced by separate indexes for "other fuels" and "ice." The latter subgroup, representing only a small item in the series, is available in releases of the Department of Labor. Annual averages for 1913-34 and data for all pricing periods for 1938-40, except for the subgroups under food and under fuel, electricity, and refrigeration, are shown in the 1942 SUPPLEMENT. Monthly data beginning 1923 for the food indexes are on p. 16 of the November 1946 SURVEY (indexes for the subgroups are not available prior to 1923). Data prior to 1938 for all other series, except the subgroups under fuel, electricity, and ice, for all pricing periods, appear on p. 18 of the May 1941 SURVEY. Monthly data for 1913-22 for the food group, quarterly data for 1935-40 for "gas and electricity" and "other fuels" and for 1913-40 for the "all items" index are available upon request.

⁴ Average for 4 months (January, April, July, and October).

⁵ Average for 5 months (January, April, July, September, and December).

⁶ Average for 4 months (March, June, September, and December).

¹ Computed by the U. S. Department of Labor, Bureau of Labor Statistics. The index is designed to measure average changes in commodity prices in primary markets in the United States. The number of commodities covered by the index has changed from time to time but the indexes are so constructed as to be comparable throughout the entire period. About 900 series were included in the index in 1950. The items are grouped into 10 major classifications, and also into certain economic classes. In addition, indexes are computed for the group designated "all commodities other than farm products," representing in general the movement of nonagricultural commodities and processed foods, and for the group "all commodities other than farm products and foods," which reflects the trend in prices of industrial commodities other than processed foods. In computing the indexes for the 10 commodity groups, articles falling under more than one of the classifications adopted are included under each classification, but in the combined index for all commodities, such articles are counted only once, thereby avoiding duplication in the final result.

A primary market is defined as that in which the first major commercial transaction occurs for a specified commodity. The prices used for the index are generally those charged by representative manufacturers or producers or those prevailing on commodity exchanges or in organized markets. Price data are obtained for each commodity according to a definite physical description, at specified terms of trade, and as sold by specified types of sellers to specified types of purchasers. Commodities are commonly priced f.o.b. point of production or sale, unless an industry normally sells on another basis, e.g., delivered.

The present index is of the fixed-base, weighted aggregative type. The base period currently used is the year 1926 and the weights are based on quantities marketed in 1929 and 1931, except for agricultural commodities for which the average of the years 1929, 1930, and 1931 is used. For a description of the methods employed in computing the indexes, see publication No. 493 of the U. S. Department of Labor, Bureau of Labor Statistics, entitled "Wholesale Prices, 1913-28" and the *Monthly Labor Review*, November 1949; see also publication No. 572, entitled "Wholesale Prices, 1931," and an article in the *Journal of the American Statistical Association* for December 1937, entitled "Revised Method of Calculation of the Wholesale Price Index of the U. S. Bureau of Labor Statistics."

The Department of Labor has completed a major portion of its general program for revision of the comprehensive index of wholesale prices and such changes as have been made to date are shown in the present SUPPLEMENT. Revisions have been made subgroup by subgroup to reflect postwar changes in production and distribution. As subgroup revisions are completed, the revisions are incorporated in the pertinent group indexes and the all-commodity index and the subgroup indexes are revised retroactively for the entire period covered by the revision; however, to avoid repeated revisions of the group indexes and the all-commodity index, these are not revised retroactively more than 2 months. The revised subgroup indexes were linked to (made equal to) the former index for the month in which the change was made.

A weekly index of wholesale prices is also compiled by the U. S. Department of Labor. The weekly series for all commodities, farm products, foods, and other commodities are published currently in the *Weekly Supplement to the SURVEY*.

Monthly data for 1941-46 (except bituminous-coal figures, shown for first time in this volume, and 1943-44 figures for furniture) appear in the 1949 and the 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1913, or the earliest year available, and monthly data for 1938-40 (except 1939-40 figures for tires and tubes) are available in the 1942 SUPPLEMENT; earlier monthly data are available in the 1940, 1938, 1936, and 1932 volumes, except for cereal products, paints and paint materials, and oils and fats and for the following series for which revised data are published in issues of the monthly SURVEY as follows: Commodities other than farm products, 1913-37, September 1940, p. 18; cement, 1933-37, April 1940, p. 18; lumber, 1935-37, January 1941, p. 18 (data prior to 1935 published in the 1938 and earlier SUPPLEMENTS are correct); chemicals and allied products and subgroups, 1933-37, August 1940, p. 18; separate indexes for silk and rayon, 1926-37, May 1940, p. 18.

Mimeographed historical tables giving all group and subgroup indexes from 1913, or the earliest year for which they

are computed, and group indexes back to 1890 are available from the U. S. Department of Labor. That agency publishes currently monthly actual prices and indexes for all commodities included in the index, with group and subgroup indexes, and weekly indexes for major commodity groups.

² Revised data for livestock, a component of the "livestock and poultry" subgroup, and for meats, included in the "meats, poultry, and fish" subgroup, were incorporated beginning October 1948. The subgroup "meats, poultry, and fish" was formerly designated "meats" but included poultry; fish is included only beginning November 1948.

³ During the war, motor vehicles were not produced for general civilian use and, in computing the wholesale price index, the Bureau of Labor Statistics carried forward April 1942 prices until the rate of production for 1 month equalled the monthly average rate in 1941. In October 1946, production of motor vehicles exceeded the 1941 monthly average and current motor vehicle prices were accordingly introduced into the index beginning that month.

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¹ See note 1 for p. 26.

² Data for the cement subgroup were revised beginning July 1948. The revision was incorporated in the group indexes in October 1949; indexes for earlier periods are comparable.

³ Data for Douglas fir lumber were revised beginning July 1950.

⁴ Data for the paint and paint materials subgroup were revised beginning January 1950.

⁵ See note 3 for p. 26.

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¹ See note 1 for p. 26.

² Data for the petroleum and products subgroup were revised beginning September 1949; indexes for earlier periods are comparable.

³ Data for the furniture subgroup were revised beginning January 1943. The revision was incorporated in the group index beginning November 1947; if this revision had not been made, the November 1947 index for the housefurnishing-goods group would have been 133.2 instead of 137.5.

⁴ Data for the plumbing segment of the plumbing and heating subgroup were revised beginning May 1950.

⁵ See note 3 for p. 26.

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¹ See note 1 for p. 26.

² Nylon prices were introduced into the rayon subgroup beginning January 1949. Introduction of such prices increased the relative importance of this subgroup in the textile group and decreased the importance of the silk subgroup.

³ A new series was introduced into the wool subgroup in January 1949 to reflect price increases which occurred between November 1946 and January 1949. The index was revised beginning January 1948; on the old basis, the index for that month was 141.9. All pertinent indexes were revised beginning January 1948.

⁴ During the war when the production of tires and tubes for civilian use was curtailed and prices were being controlled by the Government, and also in the postwar period through June 1947, the Bureau of Labor Statistics carried forward the May 1941 prices in the index. When postwar shipments of tires for civilian use approximated prewar shipments, the index for tires and tubes was revised to include current prices and also to include off-highway (tractor) tires which had not been included previously. The revised series was calculated back through 1939. The revised data for tires and tubes have been incorporated in the miscellaneous group and the all-commodity index beginning June 1947. If the revision had not been made the June 1947 index for the miscellaneous group and for the all-commodity index would have been 116.6 and 148.0, respectively, instead of 113.5 and 147.7.

⁵ Computed by the U. S. Department of Commerce, Office of Business Economics, from indexes compiled by the U. S. Department of Labor, Bureau of Labor Statistics, and the U. S. Department of Agriculture, Bureau of Agricultural Economics. The series are obtained by taking the reciprocals of the Department of Labor consumers' price index (formerly called "cost of living index"), index of retail food prices, and index of wholesale prices, and converting the reciprocals to relatives with the 1935-39 average as the base. The original

indexes from which these series are computed are shown on pp. 25 and 26. Adjustments recently made in the original consumers' price index are reflected in the purchasing-power data shown here.

Since the purchasing-power indexes are based on the reciprocals of the corresponding price indexes, percentage changes in the former are not numerically equivalent to percentage changes in the latter. For example, an increase of one-third in the price index is equivalent to a decline of one-fourth in the purchasing-power index. To calculate the amount by which a given dollar value should be adjusted for changes in purchasing power between two given dates, either the percentage change in the appropriate price index should be used, or, if the purchasing-power index is used, the amount or number-of-points change in this index should be expressed as a percent of the index value for the later of the two given dates.

Monthly averages for 1913-34 for all series and monthly data for 1938-46 for indexes based on wholesale prices and retail food prices, and for 1938-41 on consumers' prices, appear in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1913-37 (all series) and 1942-46 for indexes based on consumers' prices are available upon request.

⁶ Average for January-July for 1941 and for July-December for 1946. No data for August 1941 to June 1946.

⁷ See note 3 for p. 26 regarding motor-vehicle prices used in calculating the wholesale price index.

⁸ Decline in index reflects substantial drop in the price of raw silk, effected by the Department of the Army in order to stimulate sales. Floor prices were removed effective December 31, 1949.

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¹ Compiled jointly by the U. S. Department of Commerce, Building Materials (NPA) and predecessor divisions, and the U. S. Department of Labor. Estimates represent the monetary value of construction work performed within the continental United States during the stated period of time. This monetary value is equivalent to the cost of the materials put in place or otherwise consumed, the wages of workers who placed the materials, and appropriate charges to the work for overhead and profit. In these estimates, "new construction" includes the production of all fixed works and structures, whether by contract or force-account. Major additions and alterations are included for all types of building, but maintenance and minor repair work are excluded. Figures include the installed value of equipment generally considered an integral part of a structure and commonly included in the contract price, such as plumbing and heating equipment and elevators; they exclude separable equipment, such as production machinery, power-generating equipment, and furnishings.

The estimating procedure for each type of construction follows one or more of three general patterns: (1) All types of private construction, except farm and public utility, and all types of state and local public construction, except those which are federally aided, are estimated from contract awards or building permits; (2) construction by privately owned public utilities is estimated basically from financial data; and (3) most types of Federal construction are estimated from progress reports on individual projects.

The present estimates represent revisions of data published in the 1949 STATISTICAL SUPPLEMENT to the SURVEY OF CURRENT BUSINESS and in monthly issues of the SURVEY prior to June 1951. The new data reflect adjustments of various components and the addition of segments not formerly covered.

The principal additions to the new series are as follows: (1) In private residential building—(a) architects' and engineers' fees; (b) land-development costs; (c) operative builders' margins on construction operations, prior to 1945; (d) additions and alterations; (e) dormitories; (f) other shelter, principally motor courts, tourist cabins, and vacation cottages; (2) in other private construction—(a) privately owned sewage disposal and water supply facilities; (b) privately owned toll bridges, and roads, parks, playgrounds, race tracks, stadia, swimming pools, and similar recreational facilities; (3) in public construction—construction of atomic energy facilities.

The principal revisions of components are as follows: (1) An adjustment has been made in the previous level of allowances for engineering and architectural fees and for land-development costs and profits in some types of private nonresidential building in line with allowances introduced for other construction classifications; similar adjustments have been made in all categories of public construction expenditures; (2) the estimates of farm construction since 1940 have been revised

upward on the basis of new information; (3) expenditures for the construction of hotels formerly listed in the nonresidential building category have been shifted to the residential building series; (4) construction outlays for new construction under the Federal work relief programs from 1933 to 1943 have been incorporated into the body of the series on public construction (these expenditures were previously shown as a separate component of construction activity); (5) estimates of the value of construction done by the Civilian Conservation Corps also have been added to the series on "conservation and development."

For more detailed information, see the "Statistical Supplement" to the May 1951 Construction and Building Materials Report, published by the U. S. Department of Commerce. This same source also contains monthly data from 1939 through 1950 and annual estimates beginning with 1915. Estimates of construction by States will be found in the Statistical Supplement to the June 1951 report on Construction and Building Materials.

² Excludes nonresidential building by privately owned public utilities.

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¹ Compiled by the F. W. Dodge Corporation from field reports of individual project contracts in the 37 States east of the Rocky Mountains. Reports include all areas other than farm, although coverage is generally less complete on low-cost projects in rural nonfarm areas than in urban areas.

Data include new construction, additions, and major alteration projects. No maintenance work is included. A negligible volume of farm building construction is included. In general, force account work is included only when executed with materials earmarked for specific projects at the time of purchase. The percentage of all contract construction represented by the F. W. Dodge Corporation data is not known. An approximate indication of the coverage of the Dodge data may be obtained by comparing them with the total value of all new construction (both contract and force account) in the 48 States, as compiled by the U. S. Departments of Commerce and Labor. The two series are not strictly comparable, however, in part because the former measures the value of contract awards and the latter the value of construction put in place. For the entire period 1935-50, the Dodge 37 States data probably represent about three-fifths of the estimated 48 States total, fluctuating in individual years from about one-half as a minimum to nearly three-fourths as a maximum.

The comparability of the figures for number of residential building projects and total projects is seriously affected between 1936 and 1937 by a change in the method of counting residential projects. Beginning with 1937, data for residential projects represent the number of individual buildings, each house or apartment building in a housing development or project being counted separately. The earlier data represent the actual number of projects whether a project covered a single building or a group of buildings. Monthly averages for 1937 comparable with the earlier data shown in italics are as follows: Total number of projects, 12,039; number of residential projects, 7,614.

Some minor changes were made in project classification beginning in 1937. Floor area and valuation figures for the affected series (total and miscellaneous, nonresidential building, educational and science, social and recreational buildings, public works, and utilities) have been revised for earlier years. Data on number of projects have not been revised but the differences are not sufficient to affect seriously the comparability of the series involved.

The classifications of public works and utilities include certain types of projects which cannot be measured in terms of floor area, such as highways, pipe lines, subways, etc. Data for floor area relating to buildings only are published by the F. W. Dodge Corporation but are not included here.

A more completely itemized record of contracts awarded and a current service with geographical breakdowns is available from the F. W. Dodge Corporation.

Monthly averages for 1925-34 for all series except valuation by ownership, which begins 1932, and monthly data for 1936-46 (revisions, December 1944—total construction, total projects, 7,141; and residential buildings, projects, 3,093) for all series are shown in the 1949, 1947, 1942, and 1940 issues of the STATISTICAL SUPPLEMENT. Earlier monthly data are available in the 1938, 1936, and 1932 SUPPLEMENTS as follows: Total construction, except valuation by ownership, and all series for manufacturing (formerly called factory or industrial buildings),

hospital and institutional, miscellaneous nonresidential, public, religious, and residential buildings, 1925-35 (revisions—total valuation March 1934, \$178,346,000; factory valuation December 1935, \$9,869,000); valuation by ownership, 1934-35; all series for commercial buildings, 1925-29 and 1932-35; projects only (with limitations discussed above) for educational and science, and social and recreational buildings, 1925-35, for total nonresidential buildings, 1925-29 and 1932-35, and for public works and utilities, 1932-35. Additional monthly data are available in special tables in the monthly SURVEY as follows: September 1933 SURVEY, p. 20—all series for commercial buildings and projects only for total nonresidential buildings, 1930-31; projects only for public works and utilities, 1925-31; August 1937 SURVEY, p. 18—valuation by ownership, 1932-33. Monthly data for series and years not shown are available upon request to the F. W. Dodge Corporation.

² Excludes small number of projects in miscellaneous nonresidential buildings.

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¹ See note 1 for p. 31.

² Negative figure caused by revision of a prior month entry.

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¹ See note 1 for p. 31.

² Computed by the Board of Governors of the Federal Reserve System, Division of Research and Statistics. The index of the value of construction contracts awarded, which is available beginning 1919, is derived from monthly figures reported by the F. W. Dodge Corporation. From January 1919 to April 1921 the reports included figures for 25 States east and north of, and including, North Dakota, South Dakota, Iowa, Missouri, Tennessee, and Virginia, together with the District of Columbia and portions of Kansas and Nebraska. Beginning with May 1921, figures for North Carolina and South Carolina were added, and in January 1923, reporting services were started in Florida, Georgia, Alabama, Mississippi, Louisiana, Arkansas, and Oklahoma. In May 1924, figures for Texas were added so that since that time the Dodge reports have covered 37 States. In order to obtain comparable figures for the entire period beginning 1919, the total volume of contracts awarded in 37 States was estimated for the period January 1919 to April 1924. For all States which were not originally included in the reports, with the exception of Texas, it was assumed that contracts awarded formed the same percentage of the total in the earlier periods as in the three base years 1923-25; for Texas a similar estimate was made on the basis of the relationship existing in the period from May 1924 to December 1925. Two separate indexes are compiled—"residential" and "all other" types of construction. These are combined to obtain an index of total construction contracts awarded. The indexes are based on a 3-month moving average of actual monthly total awards, centered at the middle month. Seasonal adjustments are computed separately for the two individual indexes by the "ratio to moving average" method. The adjusted value aggregates are then combined to obtain the seasonally adjusted total of contracts awarded.

A more detailed description of the construction of these indexes is published in the Federal Reserve Bulletin for July 1931, p. 358. For further information relative to the basic data upon which these indexes are computed, see note 1 for pp. 31 and 32. Monthly averages beginning 1919 and monthly data for 1923-46 appear in the 1949, 1947, 1942, 1940, 1938, 1936, and 1932 issues of the STATISTICAL SUPPLEMENT.

³ Compiled by the *Engineering News-Record*. Data cover heavy engineering construction contracts awarded for public (Federal, State, and municipal) and private projects. The published figures, however, do not represent the value of all contracts let, but those above a certain amount. According to the compilers, they probably account for 60 percent of the total new construction market other than small residential. Larger housing projects (both public and private), apartments, and hotels are included. Maintenance and operation expenditures are not included. There have been several changes in the minimum-cost limit of projects included, as construction costs have declined or increased. The minimum cost of construction projects included for the years 1935-50 is as follows: For waterworks, excavation, drainage and irrigation—1935, \$10,500; 1936, \$14,000; January 1937 to April 1946, \$15,000; May 1946 to November 1947, \$22,500; December 1947 to November 1950, \$28,000; December 1950 to date, \$34,000; other public works (not specified above)—1935, \$17,750; 1936,

\$23,000; January 1937 to April 1946, \$25,000; May 1946 to November 1947, \$40,000; December 1947 to November 1950, \$50,000; December 1950 to date, \$60,000; industrial buildings—1935, \$28,500; 1936, \$37,000; January 1937 to April 1946, \$40,000; May 1946 to November 1947, \$55,000; December 1947 to November 1950, \$68,000; December 1950 to date, \$82,000; other buildings—1935, \$105,000; 1936, \$140,000; January 1937 to April 1946, \$150,000; May 1946 to November 1947, \$205,000; December 1947 to November 1950, \$250,000; December 1950 to date, \$300,000. The reports of the Engineering News-Record show, in addition to total awards, a breakdown by classes of construction and each class by States and geographic divisions. Weekly data are also available.

The data shown here as monthly totals are combinations of 4- and 5-week periods. The reporting week ends on Tuesday, but in computing the 4- and 5-week totals, the compilers have combined the weekly figures on the basis of the weeks ended on Thursday within the month. This procedure results in some slight distortion in the figures for certain months.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly figures for 1923-44 are available in the 1947, 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS (revisions for 1931—July, \$223,248,000; November, \$138,758,000; December \$125,131,000).

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¹ Compiled by the Portland Cement Association, Chicago. Data represent the yardage of concrete pavement awards for roads, streets and alleys, and airports in continental United States. The monthly data shown in this volume and also in earlier STATISTICAL SUPPLEMENTS cover 4- and 5-week periods, except that December figures include awards through December 31 and January figures begin January 1. Beginning 1947, the monthly figures include weeks ended on Friday nearest the end of the month; 1939-46 monthly figures include weeks ended on Saturdays within the month unless a week ended on the 1st or 2d of the month when it was included in figures for the preceding month (exceptions were made in the case of weeks ended April 3, 1943, and January 3 and February 3, 1945, which were included in the preceding month and August 1946 which ended on Friday). In general, the same method of combining the weekly data was followed in years prior to 1939 except that weeks ended on the 3d were usually, but not always, included in the preceding month.

Month-to-month reports are, in general, received only from the States in which the Association has district offices, except that beginning in the latter part of 1940 monthly reports have generally been received for Northern California (in which the Association has no office) through another agency. During the period for which monthly data are shown here the States, or parts of States, in which the Association had no offices (other than Northern California) and for which data are included irregularly are as follows: Southern Idaho, Montana, part of Nevada, New Mexico prior to 1950, Oregon, South Dakota, Utah prior to 1949, New Jersey prior to February 1943, and Colorado and Wyoming prior to May 1946. Data for these States are obtained once or twice a year and are not allocable by months. While the data are included somewhat irregularly, they are for the most part included in the December figures. This accounts for the relatively high awards in December. Large amounts included in figures for some items in other months are as follows (thousands of square yards): July 1941—airports, 1,325; roads, 326; streets and alleys, 146; August 1941—roads, 234; June 1942—airports, 1,349; roads, 328; streets and alleys, 57; June, August, September, October, and November 1943—airports, 860, 100, 1,177, 832, and 86, respectively; June 1944—airports, 277; May, June, and November 1945—airports, 63, 276, and 200, respectively.

In some instances the initial yardage of an award is increased or decreased or an award is rescinded some time after the award of the original contract. Such changes reported to the Association throughout the year are accounted for by increasing or decreasing the figures for the month in which the reports are received. Additional adjustments for changes in yardage not reported currently and other corrections which are not allocated by months may be made in the annual figures when the district offices adjust their final totals to yardage actually awarded. The monthly averages shown here are based on these final annual totals and therefore differ in some cases from the sum of the monthly figures. Since 1941, adjustments included in the annual totals have been relatively small. For 1941 approximately 901,000 yards was added to total awards and 731,000 of this amount to roads.

Monthly averages beginning 1933 for airports and 1913 for other items and monthly figures for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT (as the note in the 1942 STATISTICAL SUPPLEMENT indicates, 1939 monthly data for airports are too incomplete to be of value and are shown merely to indicate the amounts included in the totals). Earlier monthly figures beginning 1923 for roads and the total and beginning 1934 for streets and alleys are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (there have been some slight revisions in the figures published in the latter volume).

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Figures are estimates covering the number of all new permanent nonfarm dwelling units put under construction in the United States; they are based on building-permit reports, which from 1946 have been supplemented by data from field surveys in non-permit-issuing places.

The dwelling unit, the unit of measurement of the volume of housing construction, is defined as a permanent dwelling place containing permanent cooking facilities, i.e., the minimum built-in facilities essential to housekeeping. The dwelling-unit count represents the number of families planned for in the construction of new permanent-type housekeeping dwellings and reflects the extent of new housing activity. Prefabricated houses are included, if permanent and made of new materials.

The series, therefore, excludes temporary units and units without housekeeping facilities and such dwellings as trailers, houseboats, etc. Excluded also are the temporary dwellings built during the period of defense and World War II, and the Federal temporary re-use units erected during the Veterans' Emergency Housing Program of 1946-47. Accommodations in transient hotels, dormitories, and clubhouses are not counted in the dwelling-unit figures since they are usually nonhousekeeping quarters. Restriction of coverage to new units automatically excludes units provided by the remodeling of existing residential structures or the conversion of nonresidential buildings into housing.

Monthly data for 1945-46 appear in the 1949 STATISTICAL SUPPLEMENT. Monthly data for 1939-44 and monthly averages (based on annual totals) for 1920-34 are available upon request.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The estimates for privately financed dwelling units are based on building permits issued; for publicly financed dwelling units, the estimates are based on notifications of contract awards and reports provided by Federal and local public agencies. No adjustment has been made to allow for canceled permits or for the elapsed time between the issuance of the building permit or contract and the start of construction, both of which factors were of importance in 1945 and later years because of material shortages, limiting orders, and other construction difficulties. The data from 1945 should, therefore, be considered as number of new dwelling units for which permits were issued or contracts were awarded. Prior to 1945 they are considered to represent the estimated number of new family dwelling units upon which construction work was started. Family units gained by alterations and conversions, trailer units, and dormitory accommodations are not included. (For definition of "dwelling unit," see paragraph 2 of note 2 for this page; an exception to this general definition, however, is that temporary public housing is included in the urban estimate for 1941-50.)

The urban estimates cover urban areas as defined in the 1940 census, including all incorporated places with a 1940 population of 2,500 or more plus a small number of unincorporated civil divisions classified as urban by special rule. Separate data for privately financed and publicly financed urban dwellings and the breakdown by type of structure are not available prior to 1939 and 1940, respectively.

The coverage of the basic data on building permits has been steadily expanded and reports in 1950 included over 2,500 cities, accounting for over 85 percent of the urban population.

From the middle of 1942 through 1946 most of the public housing was temporary. The monthly average number of temporary and demountable units included in the figures for publicly financed and total urban dwelling units, beginning 1941, is as follows: 1941, 443; 1942, 4,455; 1943, 7,085; 1944, 1,556; 1945, 84; 1946, 7,525; 1947, 138. After 1947, the volume of temporary housing was negligible, totaling only 248 units for the 3 years 1948, 1949, and 1950.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; 1941-42 monthly data are in the 1947 STATISTICAL SUPPLEMENT (the 1943-44 figures shown therein have been revised and are available upon request); monthly figures for 1939 and

annual figures beginning 1920 for total urban, and monthly figures for 1940 for all items, are shown on p. 15 of the November 1946 SURVEY. Monthly figures for 1939 for privately financed and publicly financed urban units are available upon request. Only annual estimates are available prior to 1939.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The indexes relate to number of new family dwelling units (housekeeping only) and value of building construction in urban areas. They are based on reports of building permits, including an estimate of building undertaken in some small urban places that do not issue permits, and Federal construction contracts awarded. The data apply to building scheduled to be started, or that for which permits have been issued or Federal contracts awarded. No adjustment has been made to allow for canceled permits or for elapsed time between issuance of the building permit and the start of construction. Building outside of city limits is excluded, even when it is located in populous suburban areas that may be an integral part of the city's economic and social life.

Indexes prior to 1942 were derived by the link-relative method from data for all reporting cities, the number of which increased steadily each year from approximately 800 in 1935 to almost 2,500 in 1941. Indexes beginning 1942 were derived from estimates for all urban areas obtained by expanding a carefully stratified sample of over 2,500 reporting cities, representing over 85 percent of the total urban population.

Monthly data for 1938-46 and monthly averages beginning 1929 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Revised 1942 figures for number of new dwelling units provided, total valuation of building, and new residential, and 1940 figures for all items are available upon request. Earlier monthly figures beginning September 1929 appear on p. 18 of the March 1942 SURVEY (revision for new non-residential building, December 1937, 143.3).

⁵ Based on annual totals; no monthly data available.

⁶ December data include some contracts awarded in prior months but not reported; see second paragraph of note 1 above.

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¹ Compiled by the U. S. Department of Commerce, Building Materials (NPA) and predecessor divisions. Data represent a combination of various construction cost indexes weighted by the relative importance of the major classes of construction. They are implicit indexes computed by dividing the total estimate of new construction activity in current prices by the total expressed in 1939 prices. Since the total in 1939 prices is obtained by adding the estimates for the separately deflated classes of construction, the composite cost index is the equivalent of a variably weighted index, reflecting changes not only in the component indexes, but also in the relative importance of the major classes of construction which are used as weights. In the computation of the monthly composite cost index, the shift in the relative importance of the major classes of construction due to their different seasonal movements is eliminated through the use of seasonally adjusted activity estimates.

The cost indexes used for calculating the construction activity series in 1939 prices and thus entering into the composite index are as follows: E. H. Boeckh and Associates (residential building, except farm); American Appraisal Company (nonresidential building, selected types, and military and naval); Turner (nonresidential, selected types, and military and naval); Fuller (nonresidential, selected types, and military and naval); U. S. Department of Agriculture (farm building); Interstate Commerce Commission (public utilities, selected types); Handy (public utilities, selected types); U. S. Department of Commerce, Bureau of Public Roads (military and naval, highway); Associated General Contractors (sewer and water, conservation and development, miscellaneous); Engineering News-Record (sewer and water, conservation and development, miscellaneous).

² Compiled by the Aberthaw Company, Construction Managers, Boston, Massachusetts. Beginning 1946, the index measures changes in costs of 36 major items entering into the construction in the New England area of five types of industrial buildings—three four-story types (wood frame, brick walls; steel frame, wood floors; reinforced concrete flat slab) and two one-story types (steel frame, monitor roof; reinforced concrete, monitor roof). New England prices of material items and labor rates are weighted on the basis of estimated quantities of materials and amounts of labor required for the types of buildings included. Labor rates are current New England union rates for all trades. The index includes all building-construction

expense, with the exception of home-office expense and architects' or engineers' fees.

The index prior to 1946, to which the current series is linked, is based on changes in the cost of constructing an eight-story reinforced concrete industrial structure originally built by the company in Connecticut in 1914, in which cement, steel, sand, gravel, lumber, and glass constituted the major items. The index is confined to labor, materials, and other construction costs actually required for construction of the building, and excludes data for home-office overhead and profit on the job, as in the current series. The data were brought up to date at the end of each quarter by preparing a completely new estimate of the cost of the original structure as of that date, which took into account changes in prices of building materials, variations in labor rates (standard union rates), and, as far as could be determined, labor efficiency. Any improvements in the design of the original building were not considered nor were any substitutions made for materials which formed a part of the building.

Prior to 1929 the index was computed monthly. Monthly or quarterly averages beginning 1921 and quarterly data for 1938-46 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; earlier monthly or quarterly data beginning 1923 are available in the 1940, 1938, 1936, and 1932 volumes.

Monthly figures for 1921 and 1922 are available upon request. The figures were reported as of the first of each month for 1923 through March 1929 and as of the first of April, July, October, and January thereafter through January 1931, and are shown in the SURVEY as of the end of the preceding month; the averages for some of these earlier years shown in the 1942 SUPPLEMENT therefore differ from averages published elsewhere.

³ Compiled by the American Appraisal Company. The indexes are based on a detailed bill of quantities of materials and labor entering into the structural portion of four representative types of buildings—frame, brick, concrete, and steel—in 30 cities throughout the United States, with allowance for contractors' overhead and profits.

Building fixture items such as plumbing, heating, lighting, sprinkler system, elevators, etc., are not included. Workmen's compensation and liability insurance and old-age pension factors are included in the labor portion.

The indexes reflect changes in average price levels with no allowance for the extreme costs resulting from overtime wages, premium on materials, or sacrifice prices and omissions of overhead costs and profits during depression periods. The material and labor costs are recomputed monthly in accordance with normal average prices and wages for the various kinds and grades of materials and classes of building trades, as verified or adjusted to normal from personal investigation of appraisers and information as to actual costs from clients and others. These computations automatically result in weighted averages for the individual buildings. Arithmetic averages are computed for the individual buildings and cities to obtain the city and national average. The latter covers 30 cities. The original reports give indexes for each of 22 typical cities, 4 of which are presented here. Since these index figures are based on 1913 as 100 for each individual location, they thus indicate the trend in each city and not the trend among the various locations. Actual costs vary widely among different buildings and different regions, and the indexes therefore are not applicable to specific buildings.

The indexes prior to 1939 are available on an annual basis only. Annual data for 1913-38 and monthly data for 1939-46 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENTS. Indexes shown in earlier SUPPLEMENTS are not comparable with the current series.

⁴ Compiled by the Associated General Contractors of America, Inc., combining indexes of wages and materials in the proportion of 40 percent for the former and 60 percent for the latter, which, according to data collected in the Census of the Construction Industry for 1929, 1935, and 1939, is approximately correct. According to these censuses, combined labor and material costs accounted for around 75 percent of the total of all expenditures for building construction. Wages used in computing this index are for hodcarriers and common laborers combined, and the material prices are those for sand, gravel, crushed stone, Portland cement, common brick, lumber (all weighted equally), hollow tile (1/2), and structural and reinforcing steel (both together weighted 1/2). Wages and prices are reported by the 12 district offices of the association located in New York, Chicago, St. Louis, Cleveland, Cincinnati, San Francisco, Los Angeles, Atlanta, Detroit, Baltimore, Philadelphia, and Boston, as of the 15th of each month. The value

of the material items included in the index represented about 45 percent of the total cost of all building materials used in 1929, according to the 1930 Census of the Construction Industry.

Earlier annual indexes or monthly averages beginning 1913 and monthly data for 1923-46 are available in the 1949, 1947, 1942, 1940, 1938, 1936, and 1932 issues of the STATISTICAL SUPPLEMENT.

⁵ Compiled by E. H. Roekh and Associates, Inc., consulting valuation engineers, Cincinnati, Ohio, and Washington, D. C. Indexes are simple averages of indexes for 20 major pricing areas as follows: Atlanta, Baltimore, Birmingham, Boston, Chicago, Cincinnati, Cleveland, Dallas, Denver, Detroit, Kansas City, Los Angeles, Minneapolis, New Orleans, New York City, Philadelphia, Pittsburgh, St. Louis, San Francisco, and Seattle.

Basic cost data on materials are obtained from local building material dealers, in connection with the company's cost-pricing service. Prevailing rates of wages are obtained primarily from contractors and building-trade associations. Actual wage rates are used, rather than nominal rates, and rates of both common and skilled labor are included. An arbitrary labor-efficiency correction is used, based on the organization's study of labor conditions in each area. Weights are based on studies of actual building costs by the organization and vary with the different types of structure.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; monthly figures for 1934-44 and annual averages beginning with 1910 are given in the September 1949 SURVEY. Revised data for October 1945, commercial and factory building—frame, 152.4.

⁶ Quarterly averages.

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¹ See note 5 for p. 35.

² Compiled by the *Engineering News-Record*. The construction cost index and the building cost index each has four components, three material items and labor. The material items for both indexes are: (1) the base price of structural steel shapes at Pittsburgh; (2) consumers' net price of cement exclusive of bags, f.o.b. Chicago; (3) lumber, which in the base period and through 1934 was 3" x 12" to 12" x 12" long leaf yellow pine, wholesale, at New York, and beginning 1935 is 2" x 4" S4S pine and fir in carload lots (ENR 20-cities average). The labor component of the construction cost index, which is designed to show the movement of construction costs in general, is the common labor rate, ENR 20-cities average, while the labor component of the building cost index is the ENR 20-cities average for skilled labor. The labor rates are shown herein on p. 75.

The component series are weighted according to their relative importance as determined by the compilers. As a step in arriving at proper weights, the average production of steel and cement in the years 1913, 1916, and 1919, average production of lumber for 1913 and 1916, and the number of common industrial laborers, according to the 1910 Census, were placed on a dollar-value basis using 1913 average prices as compiled by ENR wherever possible. These data are shown in the following table:

	Value	Per- cent
33,000,000 short tons steel at \$30.....	\$990,000,000	24
90,000,000 barrels cement at \$1.19.....	107,100,000	3
42,000,000 M board feet, lumber at \$28.50.....	1,197,000,000	29
1,200,000,000 man-days at \$1.52 (8 hours).....	1,824,000,000	44
Total.....	\$4,118,100,000	100

It should be noted that these data represent total production in the United States and not amounts used in the construction industry. According to the *Engineering News-Record*, they were used as a guide, but the proportions of the items were adjusted to their importance in the construction industry with the aid of experienced construction men. An expenditure of approximately \$100 on the four items in these proportions was assumed for 1913, the base period, and the quantities of the three materials and the man-hours of labor that could be purchased for these amounts were computed. Purchases of similar quantities of these four items were assumed to be made at each successive period.

The expenditure of \$100, at 1913 prices, for the proper quantities of each item in the construction cost index is given below, and it may be noted that the "adjustment" mentioned above is an important factor.

2,500 pounds of structural steel at \$0.015 (Pittsburgh base).....	\$37.50
6 barrels of cement at \$1.19 (net barrel, f.o.b. Chicago) (see paragraph 5 below).....	7.14
600 board feet, Southern pine, 3" x 12" to 12" x 12" at \$28.50 per M ft. (New York base) (see paragraph 6 below).....	17.10
200 man-hours at \$0.19 (common labor, average for country).....	38.00
Total.....	\$99.74

In August 1948, when cement went off basing point pricing, the 20-cities average cement price was substituted; no adjustment in the weight factor was necessary.

For the Southern pine lumber series prior to 1935 the weight was 600 board feet. In linking this series with the series for 2" x 4" pine and fir, the 1936 average value of lumber of the old type as included in the index was first determined (quantity weight, 600 board feet times the average price for the year). The equivalent 1936 average value of the new type was represented by 1,088 board feet of lumber, which quantity is now used as the weighting factor.

Since the total in the base year equals approximately \$100, comparisons with the base year can be made directly; that is, the total cost of the same quantity of the same items at any future date, in terms of dollars and cents, is automatically a percentage of the 1913 base.

The building cost index is computed in the same manner as the construction cost index except that the skilled labor trend is substituted for common labor. Since the skilled rate is considerably higher than the common rate, a weight of 68.38 man-hours was substituted for the common labor weight of 200 man-hours used in the construction cost index, as shown in the table above, in order to have the same labor component in the base period when the rate was multiplied by the weight. The computation for labor in 1913 for the building cost index is 68.38 x \$0.555, which gives approximately \$38.00. The trends of the two indexes reflect the divergent movements of wage rates for common and skilled labor; since 1932, rates for the former have increased more rapidly than those for the latter.

The indexes are computed as of the first of the month and are shown in the SURVEY as of the end of the preceding month. The construction cost index is shown on this basis beginning with the 1940 SUPPLEMENT. The monthly averages beginning with the 1940 SUPPLEMENT, therefore, do not agree exactly with the annual data shown in earlier SUPPLEMENTS and in the original reports. Monthly averages for 1914-34 and monthly data for 1938-46 for the construction cost index are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 volumes (figures in the 1938 and earlier issues should be moved back to the preceding month). Monthly data for 1913-22 for the construction cost index and for 1913-40 for the building cost index are available upon request.

³ Compiled by the U. S. Department of Commerce, Bureau of Public Roads. The index of highway construction costs is based on average contract unit bid prices for common excavation, concrete pavement, reinforcing steel for structures, structural steel, and structural concrete, weighted by average quantities for each type of work or material involved per average mile of construction in the base period 1925-29.

Quarterly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; quarterly data for 1931-44 and annual averages back to 1922 are available upon request.

⁴ Compiled by the U. S. Department of Commerce, Building Materials (MPA) and predecessor divisions. The composite index of production of selected construction materials combines physical production of 20 materials and is then equated to a more inclusive annual composite index of 26 materials; it thus reflects production of 26 materials. The composite series was developed by translating the physical quantity of each material into dollar value terms by multiplying the physical quantity by its 1946 average wholesale price. The individual dollar value totals were then summed and each monthly total was related to the average monthly total for 1939. The resulting preliminary composite series was then equated to the more inclusive annual index to arrive at the published unadjusted series. Seasonal factors for the composite series were developed by the ratio-to-moving-average method from data for 12 of the 20 materials for which actual monthly data were available for the period January 1939-December 1946.

Monthly data for 1945-46 appear in the 1949 STATISTICAL SUPPLEMENT. Annual averages beginning with 1915 and monthly data for 1939-44 are shown in the Statistical Supplement to the Construction Materials Report (1947), published by the compiling agency.

⁵ Quarterly average.

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¹ Compiled by the *Federal Housing Administration*. Data relate to mortgages on 1- to 4-family homes insured under Title II, section 203, and Title VI, section 603, of the National Housing Act, as amended, and represent volume of loans that became premium paying during the month. Insuring operations under section 203 of Title II began January 1935. Section 603 of Title VI, enacted March 28, 1941, provided for the insurance of mortgages on war housing and a subsequent amendment, enacted May 22, 1941, provided for insuring mortgages on veterans' emergency housing. Mortgages under the War Housing Insurance Program first appeared in the data in June 1941 and those under the Veterans' Emergency Housing Program in July 1946. Authority to issue commitments on new construction under section 603 of Title VI expired April 30, 1948, but the volume of commitments outstanding as of that date has enabled a volume of insuring activity to continue.

The series includes only those mortgages on properties on which final inspection of the completed home has been made and the mortgage papers closed, at which time the first payment of premiums is made by the mortgagor and transmitted to the mortgagee. The data represent face amount of insurance written. Monthly data for 1941-46 for this series are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1935-40 are available upon request.

In addition to monthly and cumulative totals for the series shown here, the monthly releases of the Federal Housing Administration give data on insurance of mortgages on rental-housing projects under section 207 of Title II and section 608 of Title VI, and on insurance of manufactured-housing loans and public-housing-disposition mortgages under sections 609 and 610, respectively, of Title VI. The FHA releases also show data on property-improvement loans insured under Title I of the National Housing Act, as amended, and (beginning November 1949) on military-housing mortgages insured under Title VIII.

² Compiled by the *Veterans Administration*. Data represent the principal amount of home loans closed under the authority of the Servicemen's Readjustment Act of 1944, as amended. The act was approved June 22, 1944, but home loan guaranty operations did not get under way until November 1944. All monthly figures cover month ending the 25th day. Monthly figures are not available prior to January 1946. The total amount of home loans closed from November 1944 through December 1945 was \$192,240,000.

Title III, section 501, of the act provides for the guaranty of loans to veterans of World War II, the proceeds of which are to be used for purchasing residential property or constructing a dwelling to be occupied as the veteran's home or for the purpose of making repairs, alterations, or improvements in property owned by him and occupied as his home.

Generally, the loans must be made prior to July 26, 1957, and carry a guaranty of 50 percent of the loan up to a maximum of \$4,000. An amendment to the act in 1950 provided, under certain conditions, that the amount guaranteed may be 60 percent of the loan and not over \$7,500. Banks or other lending institutions make the loans, with the Government guaranteeing 50 or 60 percent of the loan, but in no case to exceed the above amounts. Under certain conditions the Veterans Administration is authorized to lend up to \$10,000 directly to the veteran when private sources are not available.

Further details regarding veterans' loans are contained in House Committee Print No. 319 (81st Congress, 2d session): Servicemen's Readjustment Act of 1944.

³ Compiled by the *Home Loan Bank Board*. Data represent the amount of Home Loan Bank advances to member institutions, excluding interbank transactions. Data as of December 31, 1935-38 and monthly data for 1939-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Comparatively small revisions have been made in the monthly data beginning 1933 as shown in the 1942, 1940, 1938, and 1936 SUPPLEMENTS. Revised data are available upon request.

⁴ Estimated by the *Federal Savings and Loan Insurance Corporation* from data reported monthly by approximately 3,000 Federally and State chartered savings and loan associations which hold more than four-fifths of the aggregate resources of all such institutions in the United States.

Statistics presented are estimates of the amount of mortgage loans closed by all institutions of the savings-and-loan type (including cooperative banks and homestead associations) during the periods specified. In general, these estimated totals are derived by expanding mortgage loans made by reporting associations on the basis of the relationship between combined assets of reporting institutions and total assets of all such associations.

Only loans on homes (1- to 4-family residential properties) are included in the following loan-purpose categories: Construction, purchase, refinancing, and repair and reconditioning. Loans on homes for any other purpose (e.g., taxes and insurance), loans on residential structures with 5- or more-family units, and all nonhome loans are grouped in the miscellaneous category.

All Federally chartered associations are required to be members of the Federal Home Loan Bank System, while membership is optional for State chartered associations.

Monthly data for 1936-44 are available in the 1949, 1947, 1942, and 1940 issues of the STATISTICAL SUPPLEMENT.

⁵ Compiled by the *Federal Savings and Loan Insurance Corporation*. Data are estimates of the total amount of nonfarm mortgages of \$20,000 or less recorded in the United States during the months indicated. Estimates beginning 1946 are based on reports covering approximately 500 areas containing about three-fifths of the total nonfarm population; the reporting sample was somewhat larger in earlier years. Data are limited to nonfarm mortgages of \$20,000 or less in order to relate the series as closely as possible to financing activity in the home-mortgage field. It should be noted, however, that all nonfarm mortgages within the size limitation are included.

Monthly data for 1939-40 are shown on p. S-5 of the November 1942 SURVEY; monthly data for 1941-43 are shown in the 1947 STATISTICAL SUPPLEMENT; and monthly figures for 1944-46 are given on p. 21 of the May 1950 SURVEY.

⁶ Compiled by the *Federal Savings and Loan Insurance Corporation*. The index expresses the estimated number of nonfarm properties foreclosed upon each month as a percentage of the number of foreclosures during the average month of the 5-year period 1935-39. The index is mathematically adjusted for seasonal variations in foreclosure activity.

Monthly estimates (available beginning 1934) of the total number of nonfarm real estate foreclosures in the United States, from which the indexes shown are computed, are based on data reported by approximately 1,500 counties, cities, townships, and other governmental divisions; approximately two-thirds of all nonfarm dwellings are included in the sample used.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; annual averages for 1926-33 appear in the 1942 SUPPLEMENT. Monthly indexes for 1934-37 are on p. 26 of the October 1941 SURVEY. Revised monthly data for 1938-44 are available upon request.

⁷ Compiled by the *National Board of Fire Underwriters*. Data represent estimated incurred fire and lightning losses for buildings and contents reported to the agency to which 30 percent is added beginning 1936 for unreported and uninsured losses. Prior thereto, 25 percent was added for this purpose. Data do not include losses for automobiles and other classes of property written under marine forms, tornado, inland-marine, earthquake, sprinkler-leakage, explosion, war-risk, tourist-floater, registered-mail, parcel-post, riot, and civil-commotion insurance. Reinsurances in National Board companies also are excluded. The monthly figures are estimates based on reports by agents at the time fires occur. Monthly averages (except for 1950), however, are computed from data on aggregate property losses (including final adjustments) as indicated by annual surveys. The annual surveys vary substantially from totals of the monthly figures in some years. For 1942, 1943, and 1946, the sum of the monthly figures differs only slightly from the annual totals; for 1941 and 1947, the sum of monthly figures exceeds the annual totals by 6 percent and 7 percent, respectively, and for 1944 and 1945, is 3 percent and 6 percent, respectively, less than the annual totals.

Monthly averages (based on annual totals) for 1913-34 and monthly data for 1938-46 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT (revised figure for October 1941, 30,833). Earlier monthly data beginning 1929 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁸ As of December 31.

⁹ Includes an adjustment not distributed by months.

¹⁰ Average of monthly figures.

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¹ Compiled by *McCann-Erickson, Inc.*, Central Research Department, and published in issues of *Printers' Ink*. All series are based on expenditures for advertising; the indexes, therefore, are sensitive to both rate and volume changes. Sources of basic data are as follows: Magazines, radio, and television—the Publishers' Information Bureau, Inc.; newspapers—lineage figures from Media Records, Inc., converted to expenditure figures by McCann-Erickson, Inc.; outdoor advertis-

ing—Outdoor Advertising, Inc.; business papers—page volume figures collected by Printers' Ink and McGraw-Hill Publishing Co., converted to expenditure figures by McCann-Erickson, Inc.

The base for all indexes is the average monthly expenditure for the particular medium under consideration during the years 1935-39. Each index is seasonally corrected, the seasonal factors being determined by the method of 12-month moving averages. Since the seasonal patterns are subject to change, they are recomputed annually on the basis of monthly records of the particular medium during the latest 3 years.

The index of total magazine advertising is based on the reports provided by Publishers' Information Bureau, Inc. However, the number of issues per month of the weekly magazines used for the index varies from month to month and an adjustment is made each month to take this factor into account. In addition continuous minor adjustments are made in order to provide comparability between the list of magazines constituting the sample from year to year.

The index of magazine advertising has undergone two major revisions. Beginning with January 1947, the monthly indexes of magazine advertising have been revised to include farm magazines, which were shown as a separate component in the 1947 STATISTICAL SUPPLEMENT and in the monthly SURVEY prior to the September 1948 issue. The annual indexes back to 1935 were adjusted for this change. The second revision provided for the removal of expenditures in Sunday Supplements which had been previously included in this category. The correction has been made in the monthly indexes from January 1948 to December 1948, which had previously been reported without the adjustment. This second correction affected both the magazine index and the total index. All annual indexes back to 1935 were adjusted for these revisions; however, these figures may differ slightly from the averages of the monthly figures prior to 1947.

Newspaper linage figures are converted to a dollar basis by means of a rate index computed from a representative sample of newspapers throughout the country; the average month in 1946 is taken as the base month for this rate index. Estimates of linage of advertising in newspapers in 110 cities in the United States are obtained from the linage in 52 cities reported by Media Records, by means of a linear relationship between data for the two groups of cities. The resulting estimates are converted to dollar values and used as the newspaper component in the total advertising index.

The radio advertising index covers net national billings (including estimates of national spot billings). Radio billings as originally reported by the Publishers' Information Bureau are gross network billings of the major networks and do not include national spot billings; the estimates of national spot billings are derived from their relationship to the reported gross network billings.

Beginning January 1949 and February 1949, respectively, data for business papers and television were incorporated into the combined index by changing the base so that the 1948 index would remain unchanged. The business paper volume figures are converted to a dollar basis by means of a page-rate index computed from a representative sample of business papers in all classifications; January 1948 is taken as the base month for this page-rate index. The television figure is an estimate of the net national television dollar billing (including an estimate of national spot billings) without any seasonal adjustment. The dollar figure is adjusted for production costs and incorporated into the combined index.

In order to insure proper weighting of the various components in the total index, each classification is adjusted to include art, mechanical, and talent costs, estimated at a fixed proportion of expenditures for that medium each month, so that the final adjusted expenditures represent all types of expenditures for the various media. The revised expenditures are totaled, seasonally adjusted, and related to the 1935-39 base to obtain the total index.

Monthly data for 1944-46 are available in the 1949 and the 1947 issues of the STATISTICAL SUPPLEMENT; earlier monthly figures have not been compiled. (See fifth paragraph above regarding minor revisions not incorporated in the monthly indexes.)

² Compiled by *Tide Magazine*, from a statistical method developed by J. K. Lasser & Co. The combined index covers newspaper, magazine, business papers, radio (network and national spot advertising), outdoor, and farm papers advertising. Separate indexes are computed for each medium and, with the exception of spot radio advertising, are adjusted for seasonal variation. The seasonal corrections are based on the medians of the unadjusted indexes in each month in the years 1935-47. In

computing the combined index, the seasonally adjusted indexes for the component series are weighted in accordance with their relative importance as indicated by estimates of 1939 advertising revenues for the seven media. The total of these is the combined index of advertising.

The newspaper advertising index is based on general and automotive advertising linage in newspapers in 52 cities, as reported by Media Records, multiplied by the rate listed by Standard Rate and Data Service. The magazine and radio indexes are based on the cost of magazine advertising and gross radio network billings of the National Broadcasting Company, the American Broadcasting Company, and the Columbia and Mutual Broadcasting systems, as reported by the Publishers' Information Bureau. The basic data for these three media are shown regularly in the SURVEY. National spot advertising, reflected in the combined index, is based on the N. C. Forabaugh report of 49 advertising agencies with respect to spot radio time used, representing about 53 percent of all national spot radio advertising. Spot advertising time sales are converted into revenue figures on the basis of average one-time billing rates determined from an average of 154 representative radio stations. The basic data for outdoor advertising are monthly revenues of members of the Outdoor Advertising Association which comprises about two-thirds of all outdoor advertising, and for farm papers, advertising in 11 national farm papers as reported by Publishers' Information Bureau. The basic data on business papers are from a report of 54 business papers by McGraw-Hill Publishing Co, Inc., and information directly from publishers of 37 business papers. The monthly advertising pages are multiplied by the one-time page rate for each of the 91 papers to obtain monthly revenue figures.

Monthly data for 1945 and 1946 are shown in the 1949 STATISTICAL SUPPLEMENT. Monthly data for 1936-44 are available upon request.

³ Compiled by the *Publishers' Information Bureau, Inc.* Data represent gross network billings (time sold multiplied by the one-time rate charged for facilities) of the National Broadcasting Company, the Columbia Broadcasting System, the American Broadcasting Company (formerly the Blue Network of the National Broadcasting Company) and, except prior to October 1935, the Mutual Broadcasting System. Data for the Mutual Broadcasting System are not available by classes prior to October 1935 and the amount included in the total and distributed by classes for October-December 1935, \$497,000, excludes data for the supplementary stations. The monthly average for the total for 1935, including the Mutual Broadcasting System for all months, is \$4,173,000. Data since 1940 for the National Broadcasting Company, and also data for the American Broadcasting Company, are calculated by the compiling agency from time sales records and one-time gross rates.

Data for "apparel and accessories" and for "house furnishings and kitchen supplies", shown separately in earlier issues of the STATISTICAL SUPPLEMENT, are included in "all other" in this volume. Figures beginning 1948 reflect certain changes in the classifications of the items included in the following categories: Electric household equipment; soap, cleanser, etc.; and toilet goods and medical supplies. Since data for individual items are not available, figures for earlier years cannot be adjusted for the transfer of the items involved. However, the comparability of data may not be significantly impaired by the changes made.

Monthly averages for 1932-34 and monthly figures for 1938-46 appear in the 1949, 1947, and 1942 issues of the SUPPLEMENT. Monthly figures for 1934-37 (except 1936 and 1937 figures for "all other") are available in the 1940 and 1938 SUPPLEMENTS and earlier monthly figures (except for minor revisions) are available on p. 20 of the September 1937 SURVEY; the figures for "automobiles and accessories" shown in those issues include data for "gasoline and oil" (separate monthly figures are not available for these series prior to 1938) and figures for "office furnishings" shown separately in those issues are now included in figures for "all other." The monthly averages for 1936 and 1937 for "all other" have been revised to correct inconsistencies in the classifications and corresponding monthly figures are not available.

¹ Compiled by *Publishers' Information Bureau, Inc.* Data represent advertising revenue of national general magazines, farm magazines, and magazine sections of newspapers. Space cost is based on the one-time rate; special rates are used where applicable. Retail advertising and direct-mail advertising are not distributed according to individual classes, but

are included in "all other" advertising. Figures for certain publications, not shown separately by industry classes, are also accounted for in "all other." Basic data for industry class totals are reported on a cumulative basis only; therefore, monthly data are derived by subtraction. Figures from year to year may not be strictly comparable, as publications are added or deleted. The series did not appear in the 1949 STATISTICAL SUPPLEMENT and has been completely revised since publication in the 1947 volume. Comparable figures prior to 1948 are not available.

² Compiled by *Printers' Ink Publishing Company, Inc.*, and represents magazine advertising lineage for the United States. The data have been estimated to include from 80 to 85 percent of all magazine lineage and are regarded by the compilers and leading advertisers as a satisfactory measure of the trend of total advertising effort. The series does not cover identical magazines. It includes all lineage currently reported to the compilers, including new magazines as reports become available, and thereby gives recognition to changes in advertising preference.

Monthly averages for 1913-34 and monthly data for 1938-46 appear in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Monthly data prior to 1938 are shown in the 1940, 1938, and 1936 SUPPLEMENTS and on p. 20 of the October 1933 issue of the SURVEY.

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¹ Compiled by *Media Records, Inc.* Data represent newspaper lineage in all newspapers, daily and Sunday, in the following 52 cities: Akron, Albany, Albuquerque, Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, El Paso, Fort Worth, Hartford, Houston, Indianapolis, Jacksonville, Knoxville, Los Angeles, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oakland, Oklahoma City, Omaha, Pittsburgh, Portland, Reading, Richmond, Rochester, Salt Lake City, San Antonio, San Diego, San Francisco, Seattle, South Bend, Spokane, St. Louis, Syracuse, Tacoma, Toledo, Tulsa, Washington, Worcester, and Youngstown. The list of cities is unchanged throughout the period covered by the data. General advertising is the advertising of specific products on general sale, as distinguished from the advertising of retail stores, and automotive or financial advertising. A series on department-store advertising is also available from the original source. The application of this definition is uniform in all cities measured by Media Records, Inc.

Monthly averages for 1928-34 and monthly data for 1938-46 appear in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. For earlier monthly data beginning 1928, see the 1940, 1938, 1936, and 1932 SUPPLEMENTS (the figures for number of cities given in the total column in the latter volume are transposed and should be "52 cities" instead of "25 cities"). The 1932 SUPPLEMENT and monthly issues prior to December 1934 include also a series on newspaper advertising in 22 cities beginning 1916 through January 1933, compiled by the New York Evening Post. The January 1926 figure in the 1932 SUPPLEMENT should read 1,936,000 lines instead of 1,036,000.

² Compiled by the U. S. Post Office Department. The 50 cities included in the monthly reports represented, during the 1935-42 period, about 23 percent of the total value of money orders issued and about 57-61 percent of the total value of money orders paid. Between 1942 and 1944 the proportion of money orders issued, represented by the 50 cities, increased from 23 to 30 percent and the proportion of orders paid declined from 57 to 53 percent. The percentages for fiscal years ended June 30, 1945-50 are as follows: Money orders issued—1945, 35; 1946, 38; 1947, 28; 1948, 24; 1949 and 1950, 23; money orders paid—1945, 51; 1946, 53; 1947, 55; 1948, 54; 1949, 56; 1950, 52. Money orders paid include, in addition to those both issued and paid in the 50 cities, those presented for payment but issued at any of the other post offices in the United States or the 21 foreign countries mostly in North America and West Indies, to which domestic postage rates apply. For this reason, money orders paid in the 50 cities represent a much larger percentage of the total than do money orders issued in these same cities.

The 50 cities included for the fiscal year 1950 are as follows: New York, Chicago, Philadelphia, Los Angeles, Washington, Boston, Detroit, Saint Louis, San Francisco, Brooklyn, Cleveland, Kansas City, Minneapolis, Pittsburgh, Baltimore, Cincinnati, Milwaukee, Atlanta, Dallas, Newark, Seattle, Indianapolis, Denver, Buffalo, Portland (Oreg.), Saint Paul, Houston, Columbus (Ohio), Dayton, New Orleans, Rochester

(N.Y.), Louisville, Memphis, Oakland, Des Moines, Omaha, Albany, Miami, Richmond, Hartford, Providence, Nashville, Fort Worth, Toledo, San Antonio, Oklahoma City, Flushing, Long Island City, Birmingham, Jersey City. The list of 50 cities represented varies somewhat from time to time.

Monthly averages for 1915-34 and monthly data for 1938-46 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Earlier monthly figures back to 1923 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. These data represent a breakdown of the series on personal consumption expenditures shown as a component of gross national product on p. 7 (see that page for totals for durable goods, nondurable goods, and services).

The classifications shown are a regrouping of the detailed estimates published on an annual basis in table 30 of the NATIONAL INCOME SUPPLEMENT to the SURVEY OF CURRENT BUSINESS, July 1951. The combinations, by group numbers as listed in that table, are as follows: *Durable goods*—automobiles and parts (VIII, 1a, b, c); furniture and household equipment (V, 1-7; IX, 5h, i); other durable goods (II, 12; V, 8, 9; VI, 2, 18; VII, 2; VIII, 4; IX, 5a, e, f); *nondurable goods*—clothing and shoes (II, 1, 3, 4); food and alcoholic beverages (I, 1-4); gasoline and oil (VIII, 1e); semidurable housefurnishings (V, 14); tobacco (I, 5); other nondurable goods (III, 1; V, 15-19; VI, 1; VII, 1; IX, 5b, d, 6; XII, 1c); *services*—household operation (V, 10-13; 20-28); housing (IV, 1-5); personal services (II, 2, 5-11, 13; III, 2, 3, 4); recreation (IX, 1-4, 5c, g, j-o, 7, 8, 9); transportation (VIII, 1d, f, g, 2, 3); other services (VI, 3-17; VII, 3-18; X; XI; XII, 1a, b, d, 2).

In distributing the annual estimates on a quarterly basis, monthly and quarterly data prepared by governmental and non-governmental agencies are employed. Among the sources used for estimating the movement of expenditures for goods are the retail sales series of the Department of Commerce, department store sales, by departments (Board of Governors of the Federal Reserve System), motor fuel taxed (Bureau of Public Roads), new car registrations (R. L. Polk and Co.), retail prices (Bureau of Labor Statistics), farm marketings data (Bureau of Agricultural Economics). For services the principal sources used are as follows: Tax collections on admissions, club dues, transportation of persons, etc. (Bureau of Internal Revenue); changes in the number of dwelling units, and selected price series such as rents and domestic service (Bureau of Labor Statistics); local transit revenues (American Transit Association); sales of electric power for residential use (Edison Electric Institute); sales of gas for residential use (American Gas Association); and telephone station revenues (Federal Communications Commission).

In general, a series, where considered representative of the movement of expenditures in a given group, is applied directly to the base. Where a single series is not considered wholly representative of a specific segment, weighted combinations of several related series are employed to obtain the desired result.

Annual data for 1929-34 may be obtained from the NATIONAL INCOME SUPPLEMENT to the SURVEY OF CURRENT BUSINESS, July 1951, referred to above. Quarterly data for 1946 are shown on p. 23 of the December 1950 SURVEY; 1945 quarterly data are correct as shown in the 1949 STATISTICAL SUPPLEMENT; 1939-44 quarterly data are available upon request.

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. The definition of sales of retail stores and the classification of stores by kinds of business are in accordance with the Census of Business, 1939. The breakdown between durable-goods stores and nondurable-goods stores is based on the durability of the commodities accounting for the major portion of sales of each kind-of-business group. Excluded from sales are State and local sales taxes (which are collected by stores directly from customers over and above the marked selling price and paid directly by stores to the local or State taxing agency) and retailers' excise taxes on jewelry, furs, toilet preparations, and luggage. Excise taxes and gasoline and other taxes which are paid by the manufacturer or wholesaler and passed along to the retailers are reflected in sales. Data include chain stores, independent stores, and miscellaneous types of retail stores.

Annual dollar sales for 1935 and 1939, and the figures for 1929 and 1933 referred to in the next to last paragraph of this note, are derived from the Census of Business for those years. Monthly averages for 1935 and 1939 are computed from the annual totals. The quarterly and annual movement of sales between 1935 and 1939 and since 1939 is based in large part upon changes in sales-tax collections reported by a group of States. The States account for about one-third of the Nation's retail sales. Since the States differ in the degree of detail shown for the kind-of-business breakdown, the number of States utilized in deriving the estimates for the different business groups varies.

For motor-vehicle dealers, filling stations, farm-implement dealers, liquor stores, and the general-merchandise group, other sources of data proved more satisfactory than sales-tax collections. The most important of these sources are the Federal Reserve Board estimates of department-store sales, the Bureau of the Census samples of independent and chain stores, and the Bureau of Public Roads and American Petroleum Institute data on the taxable quantity and average price of gasoline.

The monthly estimates of retail sales are obtained by interpolating the quarterly data by the monthly movements shown by the independent and chain-store samples compiled by the Bureau of the Census. The indexes of sales shown in the 1949 STATISTICAL SUPPLEMENT and earlier issues and in the monthly SURVEY prior to the October 1949 issue have been discontinued (except for chain stores and mail-order houses) and have been replaced by seasonally adjusted dollar figures. Revisions of the retail trade figures appearing in the above-mentioned publications are described in the October 1949 SURVEY on pp. 13-14, and the revised 1946 monthly and annual data (unadjusted and adjusted) are shown on pp. 21 and 22 of that issue. There have been revisions of monthly data from 1942 forward for total retail trade and for various groups and subgroups; such revisions are available upon request. For references to the availability of monthly data prior to 1946 in which revisions were not made, and of annual data for 1929 and 1933, see the 1949 STATISTICAL SUPPLEMENT, p. 211 (note 1 for pp. 42 and 43).

The series on retail trade as shown in the present volume will be further revised back through 1940, wherever necessary, to adjust to bench marks indicated by the 1948 Census of Business. Such revisions are now in preparation and will be available the latter part of 1951.

² Includes sales of feed and farm-supply stores and fuel and ice dealers.

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¹ See footnote 1 for pp. 42 and 43.

² Includes data for subgroups not shown separately.

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¹ See footnote 1 for pp. 42 and 43.

² Compiled by the U. S. Department of Commerce, Office of Business Economics. These data represent estimated book values of Nation-wide retailers' inventories. For an explanation of methods of valuing inventories, see the 2nd and 3rd paragraphs of note 2 for p. 15.

The data are on an establishment rather than a firm or commodity basis. The breakdown into durable and nondurable inventories is based on the durability of the commodities accounting for the major portion of the retailers' sales. Thus nondurable items carried by retailers dealing primarily in durable goods would be reported in durable-goods inventories.

The major sources of current data are the Bureau of the Census monthly chain-store samples, year-end sample surveys of inventories of independent stores and balance sheet data from the Bureau of Internal Revenue reports; the index of department-store inventories and data on furniture-store stocks from the Board of Governors of the Federal Reserve System; and monthly information on inventories of State liquor stores reported by the various States. Where direct monthly statistics for specific lines of trade are unavailable, estimates are made by utilizing such related information as departmental inventory data of department stores, chain-store inventories, and sales trends. Direct year-end information, however, is available for each important line of trade.

The series has been revised since publication in the 1949 STATISTICAL SUPPLEMENT. For a description of the revision and monthly data for 1946, see pp. 13-14 and 23 of the October 1949 SURVEY. For a more detailed description of sources and methods, see "Revised Estimates of Retail Inventories," June 1948 issue of the SURVEY. Monthly data for 1939-45 are available upon request.

³ Includes data for subgroups not shown separately.

⁴ Data for inventories are end-of-year figures, not averages of end-of-month data.

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¹ See note 2 for p. 45.

² Compiled jointly by the Office of Business Economics and the Bureau of the Census, of the U. S. Department of Commerce. Classification by type of operation and by kind of business follows the 1939 Census of Business. As therein defined, a chain comprises four or more retail stores operating in the same general lines of business and centrally controlled. Catalog mail-order sales of chain general-merchandise companies are included in this series. The figures shown for total sales and the totals for the apparel and general-merchandise groups include data for kinds of business not shown separately.

Annual dollar sales for 1935 and 1939, and those for 1929 and 1933 referred to in the last paragraph of this note, are derived from the Census of Business for those years. Monthly averages for 1935 and 1939 are computed from the annual totals. Sales for intercensus years and monthly sales are based on reports from some 500 chain firms operating about 27,000 store units. Sample coverage of individual trades ranges from 30 to 90 percent of the sales of these trades as shown in the 1939 Census. The summary sample material for each kind of business is adjusted to the 1935 and 1939 Census levels. Adjustments to the 1948 Census of Business are in preparation; the revisions will be available the latter part of 1951.

In computing the indexes the dollar sales are reduced to daily averages, allowance being made for differences in number of trading days per month and for the relative importance of the various days of the week. The resulting figures are then related to a 1935-39 base and adjusted for seasonal variation. Further adjustment is made in the general-merchandise and apparel groups for the effect of the shifting date of Easter.

A more detailed description of the sample and the methodology employed is contained in the article, "Retail Sales of Chain and Mail-Order Firms," in the February 1944 issue of the monthly SURVEY OF CURRENT BUSINESS. Dollar values and indexes of sales for 1941-46 appear in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Data for some of the series have been revised; the revisions, beginning 1943, are shown on p. 23 of the April 1950 SURVEY. Tables on pp. 15-17 of the February 1944 SURVEY provide annual dollar sales for 1929 and 1933, quarterly figures for 1935-38, and monthly figures for 1939-40 for all series, with the exception of the series for automotive parts and accessories and 1940 figures for the total and for the furniture and housefurnishings group; revised 1940 figures for the latter group and for the total are on p. 20 of the September 1945 SURVEY. Monthly data for 1935-38 for all series and for 1939-40 for automotive parts and accessories are available upon request.

³ Data for inventories are end-of-year figures, not averages of end-of-month data.

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¹ See note 2 for p. 46.

² Compiled by the Board of Governors of the Federal Reserve System, with the exception of the collection ratios prior to 1941 which were computed by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. The data on sales by type of payment, the indexes of accounts receivable, and the collection ratios are computed from data reported to the Federal Reserve banks by the larger department stores located in all sections of the country and accounting for approximately 50 percent of total department-store business in the United States. The sample includes about 475 stores, more than 400 having charge accounts and about 300 having instalment accounts. Collection ratios represent the ratio of total collections during the month to total amount of accounts outstanding at the beginning of the month.

Monthly data for 1941-46 for accounts receivable and sales are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; 1940 figures for accounts receivable (revised since publication in the 1942 SUPPLEMENT) are available upon request. Monthly figures for the collection ratios for 1933-40 are available in the 1942, 1940, 1938, and 1936 SUPPLEMENTS.

³ Compiled by the Board of Governors of the Federal Reserve System. The index measures changes in daily average sales and, for both the unadjusted and adjusted series, is computed by combining indexes of department-store sales for the 12 Federal Reserve districts described in note 4 following. The component indexes are combined with weights based on the relative

importance of department-store sales in each district in total United States department-store sales in the base period 1935-39.

The district indexes are based on sample reports which in 1950 included, for all districts combined, approximately 1,500 stores which were estimated to account for more than 75 percent of total department-store sales in the United States. Department-store sales account for approximately 9 percent of sales of all retail stores.

The indexes have been revised since publication in the 1949 STATISTICAL SUPPLEMENT and there will be revisions of data shown in the present volume, as well as for earlier periods, to adjust to levels indicated by the 1948 Census of Business. These revisions are now in preparation and will be available the latter part of 1951.

A weekly index of department-store sales, available back to the beginning of 1937, is also compiled by the Board of Governors, and is published regularly in the Weekly Supplement to the SURVEY. This index, computed on the basis of the 1935-39 average as 100, is based on a smaller number of stores but shows changes closely similar to those indicated by the monthly index. The weekly index is not adjusted for seasonal variation, or for the number of trading days. A more complete description of the weekly series is published in the Federal Reserve Bulletin for September 1944.

⁴ Computed by the *Federal Reserve Banks* for the specified districts, following a general method worked out by Federal Reserve System representatives. The indexes are based on monthly reports of cooperating stores, including independent and chain department stores and retail outlets (but not catalog sales) of two large mail-order houses. The reporting samples in 1950 were estimated to account for 85-95 percent of total department-store sales in the Atlanta, Minneapolis, and New York districts; 75-80 percent in the Boston, Chicago, Cleveland, Philadelphia, St. Louis, and San Francisco districts; and 65-75 percent in the Dallas, Kansas City, and Richmond districts. The samples include stores in virtually every department-store trading area of importance.

The majority of the district indexes are computed directly from the daily average sales of the reporting sample, believed to be representative of total department-store sales in the district. For five of the districts, the district index is obtained by combining separate indexes for various parts of the district. For the Atlanta and San Francisco districts, individual city and area indexes are combined; for Richmond, the combined index is obtained from separate State indexes and, for Philadelphia and Minneapolis, from a major city and an "all other district" index. In each case the component indexes are combined with weights. In computing the district indexes, or the component parts of a district index, the monthly sales of the stores included in the index sample are summed and these monthly totals are then divided by the number of trading days in the month to obtain daily average sales. The daily average sales are converted to index numbers by dividing each by the daily average sales during the base period 1935-39. Where necessary, this base is adjusted for changes in the number of reporting stores. The indexes have been adjusted to 1929 and 1939 Census levels if necessary (adjustments to the 1948 Census have not been completed; see last paragraph of this note). Seasonal adjustment factors are computed by the method described in the Federal Reserve Bulletin for June 1941. A special adjustment is made in the March and April seasonal factors to allow for changes in the date of Easter. In most cases where the total district indexes are obtained by combining separate indexes for various cities or areas within the district, each of the component series is adjusted for seasonal variation before being consolidated into a district index.

In computing the number of trading days, Sundays, New Year's Day, Memorial Day (except in the Atlanta and Dallas districts), Independence Day, Labor Day (except in the Dallas district), Thanksgiving, and Christmas are considered nontrading days. Allowance is made also for February 22 in the New York and San Francisco districts. In the Boston, Chicago, Kansas City, Richmond, St. Louis, and San Francisco districts, special allowances are made for differences in the relative importance of particular days in the trading week.

The indexes have been revised since publication in the 1949 STATISTICAL SUPPLEMENT and previous issues and there will be revisions of data shown in the present volume, as well as for earlier periods, to adjust to levels indicated by the 1948 Census of Business. These revisions are now in preparation and will be available the latter part of 1951.

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¹ See note 4 for pp. 47 and 48 for all items except adjusted sales for total United States.

² See note 3 for pp. 47 and 48.

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¹ See note 4 for pp. 47 and 48.

² Compiled by the *Board of Governors of the Federal Reserve System*. The index is computed by combining district indexes, compiled by the respective Federal Reserve banks in cooperation with the Board of Governors, on the basis of the relative importance of the retail value of stocks in each district in the base period. The indexes are computed from end-of-month figures on retail value of stocks held in the stores or warehouses, as reported by a sample group of stores. Most of the stock indexes are based on somewhat smaller samples than the corresponding sales indexes described in note 3 for p. 48. In 1950, reports were received from around 925 stores, including a representative number of retail outlets of mail-order companies, which accounted for about 65 percent of estimated total department-store stocks. The stock indexes have been tied to sales indexes which are adjusted to levels indicated by 1929 and 1939 Census data; adjustment of indexes to the 1948 Census are now in preparation and the revised data will be available the latter part of 1951. Whenever necessary, because of a change in sample, the base of the index was adjusted for changes in the number of reporting stores by a procedure similar to that used in the computation of the index of department-store sales. For a more detailed description of the indexes see the Federal Reserve Bulletin for June 1946. The indexes are adjusted for customary seasonal movements by the method described in the Federal Reserve Bulletin for June 1941. It was found that no special adjustment for the changing date of Easter was necessary as in the case of department-store sales.

Monthly figures for 1945-46 for the unadjusted indexes, comparable with the present series, are shown in the 1949 STATISTICAL SUPPLEMENT. Data for 1919-44 for the unadjusted indexes and for 1919-46 for the adjusted indexes are available upon request.

³ Reported directly to the *U. S. Department of Commerce, Office of Business Economics*, by the two companies. Sales shown are gross sales for calendar months, and include both catalog and store sales. The number of stores of the two companies has increased very considerably in the period covered.

Monthly data for 1941-46 appear in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume; monthly figures for 1923-37 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

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¹ Constructed by the *U. S. Department of Commerce, Office of Business Economics*. Since the number of reports received from independent stores doing business in small communities is insufficient, the indexes are computed from data supplied by large mail-order houses and a chain-store system which also serves the rural population. The companies which cooperate in supplying figures are: Aldens Incorporated (formerly Chicago Mail Order House), Montgomery Ward & Company, Sears, Roebuck & Company, and J. C. Penney Company.

Although the figures obtained provide a fairly large sample of rural sales, it should be noted that this sample is not entirely representative. The character of the business done by small independent rural stores is not identical with that of the large companies, and the trend of their sales may differ from that of the larger units. Despite its obvious limitations, the index should provide a better indication of the volume of rural purchasing of general merchandise than is provided by the sales of a limited number of individual companies.

For the three mail-order companies, only catalog sales (the bulk of which go to persons in communities of less than 10,000 population) are used; the sales of retail stores maintained by two of these companies are excluded from the index, because it is believed that they represent too large a volume of urban trade.

Total sales of the four companies (as used in the index) represent about one-third of all general-merchandise sales in places of less than 30,000 population, according to the 1939 Census of Business.

Figures are provided by the J. C. Penney Company, comparing sales for each month with sales of the same stores in the corresponding month of the preceding year. The effect of expansion in the number of store units is therefore eliminated.

In constructing the index, daily average sales of the four firms in the four regions are related to the 1935-39 average, adjusted for seasonal variation by the "ratio to moving average" method. The relatives for the four companies are weighted to obtain regional indexes in accordance with the proportion of total sales represented by each in the base years and averaged arithmetically. For sales of the J. C. Penney Company, allowance is made in adjusting the data to a daily-average basis for the varying sales importance of the different days of the week, for Sundays, and for six legal holidays. For mail-order sales, allowance is made for Sundays and for one-half day Saturday for two mail-order companies and one full Saturday for the third. No adjustment is made for the changing date of Easter.

The composite index for the country as a whole is computed from the total sales figures of each of the four firms, rather than by weighting and combining the regional indexes. A more complete description of the index appears on p. 20 of the December 1934 SURVEY. Monthly data beginning 1929 are available upon request.

² Compiled by the U. S. Department of Commerce, Office of Business Economics. The series represent Nation-wide sales and inventories of service and limited-function wholesalers which, in 1939, accounted for 79 and 82 percent, respectively, of total wholesalers' sales and inventories. According to the classification of the Census of Business, 1939, this group includes "wholesale establishments engaged primarily in the buying and selling of goods on their own account and which are largely independent in ownership". Work is in progress on the adjustment of data to the 1948 Census of Business.

Wholesalers' inventories are valued at cost of merchandise on hand. Thus the data represent changes in costs as well as physical volume. For gross national product purposes, these data are adjusted to remove the effects of changes in replacement costs (see explanation of "inventory valuation adjustment" in note 1 for p. 6).

Wholesalers not included in the service and limited-function category are manufacturers' sales branches (with and without stocks), agents and brokers, assemblers (mainly of farm products), and petroleum bulk stations and terminals. It should be noted that manufacturers' subsidiary sales corporations established to perform wholesale functions are classified as service and limited-function wholesalers.

In terms of number of establishments and volume of trade, the most important distributors in the service and limited-function category are wholesale merchants. In 1939 these dealers accounted for 90 percent of the number and for 80 and 75 percent, respectively, of total sales and inventory volume of service and limited-function establishments. These dealers contribute essentially all wholesale services. Selling primarily to retailers and industrial users, they assemble and warehouse goods for redistribution in small lots, make deliveries, and extend credit.

In addition to wholesale merchants, service and limited-function wholesalers include the following types of dealers: Voluntary group wholesalers, converters (textile), export merchants, importers, industrial distributors, cash-and-carry wholesalers, drop shippers or desk jobbers, wagon distributors, and retailer-cooperative warehouses. These wholesalers perform some, but not all, of the functions of merchant wholesalers. For example, drop shippers or desk jobbers take title to, but do not make deliveries or warehouse the goods they sell.

The major sources of information used in the estimation of wholesale trade statistics are the Censuses of Wholesale Trade for the years 1929, 1933, 1935, and 1939; the Bureau of Internal Revenue's Statistics of Income, Part 2 (annually 1938-46) for corporate data; the Bureau of Internal Revenue's compilations of noncorporate data on sales in 1939 and 1945 and year-end inventories for 1938, 1939, 1944, and 1945; and, currently, the "identical" firm sample of from 3,000 to 4,000 service and limited-function wholesalers reporting stocks and sales to the Bureau of the Census. Data from the Bureau of Agricultural Economics are used as a monthly interpolator for farm products.

Data are estimated by kinds-of-business groups and the group estimates are combined to obtain the totals shown here. For a detailed description of the methods and sources used in compiling the series, see pp. 22-24 of the August 1948 and p. 13 of the October 1949 issues of the SURVEY. Monthly data for 1946 for sales and inventories are shown on pp. 19 and 20 of

the October 1949 SURVEY; those for 1941-45 for sales and 1942-45 for inventories appear on pp. 23 and 24 of the September 1948 SURVEY. Monthly data for 1939-40 for sales and 1939-41 for inventories are available upon request.

³ Data for inventories are end-of-year figures, not averages of end-of-month data.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data represent the latest published estimates for the specified dates. These estimates are based on the 1930, 1940, and 1950 censuses, taken as of April 1 of these years; on statistics and estimates of births and deaths, provided by the National Office of Vital Statistics, United States Public Health Service; statistics on the movement of civilian citizens and aliens to and from continental United States, provided by the Immigration and Naturalization Service, Department of Justice; and data on the size of the armed forces, obtained from the Department of Defense. Census figures were obtained by complete enumeration of the population in continental United States, information generally being secured by personal interview. No allowance has been made for possible underenumeration in the censuses in making the estimates given here. The figures for births and deaths used in making these estimates include allowances for underregistration. Death statistics include estimates of combat and noncombat deaths of military personnel overseas since the beginning of World War II. No allowance has been made in the official figures for possible underreporting of movements across United States borders.

Estimates relate to the first day of the specified month. Estimates in this series for months other than January and July are not available except for the period April 1950 to date. The figures for the total population in 1935 to 1939 exclude the small number of persons in the armed forces overseas. Estimates of the civilian population for 1935 to 1939 are not available. Note that data from 1940 forward as shown in previous volumes of the STATISTICAL SUPPLEMENT are here revised to include the overseas armed forces not counted at the time of the 1940 census.

These estimates are not fully comparable with those for the noninstitutional population and the labor force given in the adjacent columns. The former figures take account of more recent data relating to births, deaths, immigration, and the size of the armed forces than do the estimates of the noninstitutional population shown here and used in processing the labor force data obtained in the sample surveys. Moreover, the labor force data refer primarily to the survey week (the calendar week containing the 8th day of the month). During the period of rapid demobilization, the armed forces data used in developing the labor force estimates were adjusted to the survey week. In addition, the estimate of armed forces in the labor force section of the table excludes the 150,000 armed forces overseas in 1940. For these reasons, the difference between the total population including the armed forces overseas and the civilian population, representing an estimate of total armed forces, does not agree with the estimate of armed forces strength shown in the labor force section of the table.

² Estimates beginning 1940 are compiled by the U. S. Department of Commerce, Bureau of the Census. (See note 3 below for source and description of earlier data.) The estimates are based on the 1940 census and the compiling agency's cross-section survey which provides information on the employment characteristics of the population 14 years of age and over. This information is obtained through personal interviews each month with a sample of about 25,000 households throughout the country selected by scientific sampling methods. The figures relate to the calendar week (Sunday through Saturday) which contains the 8th day of the month.

The population covered by these estimates, referred to as the "noninstitutional population" 14 years of age and over, excludes inmates of penal and mental institutions, homes for the aged, infirm, and needy, and—during 1942 to 1945—War Relocation Camps. These estimates may not be fully consistent with other estimates of population published by the Census Bureau. The inconsistency results in part from the fact that other estimates of the population, published in reports specifically devoted to that subject, are revised as more data relating to births, deaths, immigration, and other factors affecting population size become available. The estimates shown here are included primarily to permit computation of labor

force rates and similar statistics and are not intended to be used as precise estimates of the population itself. Definitions of the major categories within which the noninstitutional population is classified are as follows:

Armed forces—Estimates of the armed forces are derived from data obtained from the Department of Defense. During the period of rapid demobilization, these were adjusted to refer to the survey week. Data include members stationed abroad, with the exception of 150,000 who were stationed outside the United States at the time of the 1940 census and were not enumerated as a part of the population; for the sake of consistency this number is excluded for all periods. Because of these adjustments and differences in definition regarding men on preinduction furlough and terminal leave, the estimates given here may differ from other estimates of the armed forces; they are not intended to be used where estimates of the size of the armed forces are the primary concern.

Employed—Employed persons comprise those who, during the survey week, were either (a) "At work"—those who did any work for pay or profit, or worked without pay for 15 hours or more on a family farm or business; or (b) "With a job but not at work"—those who did not work and were not looking for work but had a job or business from which they were temporarily absent because of vacation, illness, industrial dispute, bad weather, or temporary lay-off with definite instructions to return to work within 30 days of lay-off; also included are persons who had new jobs to which they were scheduled to report within the following 30 days. Members of the armed forces are included as part of the total labor force, but are not included in the "employed" category.

Unemployed—Unemployed persons include those who did not work at all during the survey week, and who were looking for work. Also included as unemployed are persons who would have been looking for work except that (a) they were temporarily ill, (b) they expected to return to a job from which they had been laid off for an indefinite period, or (c) they believed no work was available in their line of work in the community. During the period in which public emergency work projects were being conducted by the Works Project Administration, the National Youth Administration, the Civilian Conservation Corps, and State and local work relief agencies (this period ended about June 1943), persons at work on, or assigned to, such projects were also included among the unemployed. Of the two NYA programs, only the out-of-school program was considered as emergency work; youths in the NYA Student Work program were classified as "in school" and not in the labor force.

Not in the labor force—All persons 14 years of age and over in the noninstitutional population who are not classified as employed, unemployed, or in the armed forces are defined as "Not in the labor force." The group includes all persons reported as keeping house, in school, retired, too old or permanently unable to work, seasonal workers for whom the survey week fell in an "off" season, and the voluntarily idle. Also included are those doing only incidental unpaid family work (less than 15 hours) during the survey week.

The estimates of nonagricultural employment differ appreciably from those compiled by the Bureau of Labor Statistics (p. 53). The differences are accounted for principally by the fact that the BLS figures do not include domestic service workers, the self-employed, and unpaid family workers. The remaining differences are due to several factors of which the most significant are (1) the BLS estimates, based on employment and payrolls reported by a sample of business establishments, may include some persons under 14 years of age, and some who, by holding two or more jobs, or by changing jobs in the reported week, are counted more than once; (2) both estimates are based on samples and thus are subject to sampling error; (3) the Census estimates include employed persons temporarily away from work, who will not be reported in the BLS sample by their employers during the corresponding payroll period unless they received pay; and (4) the Census estimates relate to employment in the week including the 8th of the month, while the BLS estimates refer, in general, to employment in the payroll period ending nearest the 15th of the month, so that the BLS figure will often represent a later week than the Census figure.

Monthly data for 1941-46 for all series appear in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data are available only beginning March 1940 (figures shown on monthly average lines prior to 1940 are annual estimates). The first sample survey covered May 1940. March data were based on the decennial census covering the week of March 24-30. April estimates were interpolated from the data for March and the estimates for May. The 1940 averages include an allowance for January and February. The March-December 1940 monthly

figures are available upon request. Annual estimates for 1929-34 for the labor force are available upon request.

More detailed descriptions of these data are given in the following publications of the Bureau of the Census: Issue of the Labor Force Bulletin entitled "Labor Force, Employment, and Unemployment in the United States, 1940 to 1946" and "Current Population Reports: Labor Force, Series P-57," published monthly.

³ Estimates of the labor force for years prior to 1940 were constructed by the U. S. Department of Labor, Bureau of Labor Statistics, to provide a historical series comparable in concept to the estimates issued by the Bureau of the Census beginning that year. The censuses of 1930 and 1940 were used as bench marks, after adjustments for comparability with the current labor force concepts and enumeration procedures of the Bureau of the Census, and a further adjustment of the 1940 census data to include approximately 150,000 members of the armed forces who were stationed outside the United States at the time of the 1940 census and were not enumerated as a part of the population. It should be noted that the estimates beginning 1940 compiled by the Bureau of the Census exclude the 150,000 members of the armed forces for all years (see third paragraph of note 2) and should be adjusted upward by that amount for more accurate comparisons with earlier data. The number stationed outside the United States in the earlier years of the series was somewhat smaller than in 1940. Inter-census estimates were constructed as follows: **Total Labor force**—Estimates were based on a straight-line interpolation of age-sex specific worker rates (i.e., percentages of the population in each 5-year age sex group who were in the labor force) between the adjusted Census bench marks, extended backwards to 1929. The worker rates were then applied to Census population estimates, by age and sex, for each year, to yield the estimates of the total labor force. **Civilian labor force**—Estimates of the armed forces, including those outside of the continental United States, were obtained directly from the armed services, and were subtracted from the total labor force to provide estimates of the civilian labor force. **Total employment**—Agricultural employment was estimated on the basis of the movement of the farm employment series of the Bureau of Agricultural Economics. The estimates of nonagricultural wage and salary workers, excluding domestics, were based on the movement of the revised estimates of employees in nonagricultural establishments, prepared by the Bureau of Labor Statistics. Independent estimates of the nonagricultural self-employed and of domestics were developed on the basis of data from the Censuses of Manufactures, Business, and Construction, and from other available sources. **Unemployment**—Estimates of unemployment were derived by subtracting the estimated total employment from the civilian labor force.

⁴ For differences in estimates of the armed forces, see third paragraph of note 1 and third paragraph of note 2 for this page.

⁵ Data represent midyear estimates, not monthly averages.

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¹ The estimates without seasonal adjustment are compiled by the U. S. Department of Labor, Bureau of Labor Statistics; the data are adjusted for seasonal variation by the Board of Governors of the Federal Reserve System. The estimates of all employees include all full-time and part-time wage and salaried workers in private nonagricultural establishments who worked during, or received pay for, the pay period ending nearest the 15th of the month; in Federal establishments during the pay period ending just before the first of the month; and in State and local government establishments during the pay period ending on or just before the last of the month. Persons who worked in more than one establishment during a single reporting period are counted more than once. All employees, or wage and salary workers, include production and related workers (for definition see note 2 for p. 55) and workers engaged in the following activities: Executive, purchasing, finance, accounting, legal, personnel (including cafeterias, medical, etc.), professional and technical activities, sales, sales-delivery, advertising, credit collection, installation and servicing of own products, routine office functions, factory supervision (above the working-foreman level), and force-account construction work. Proprietors, self-employed persons, unpaid family workers, domestic servants, and personnel of the armed forces are excluded. For a discussion of the difference between these estimates of employees in nonagricultural establishments and estimates of nonagricultural employment by the Bureau of the Census, see note 2 for p. 52.

In preparing employment estimates, the Bureau of Labor Statistics establishes a bench mark or level of employment, representing a complete count or an estimate with a satisfactory degree of accuracy, which is carried forward on the basis of monthly reports from a sample group of establishments. When a new bench mark becomes available, estimates prepared since the last bench mark are reviewed and revised if any adjustment in the level is required.

Prior to 1939 the various industrial censuses taken by the Bureau of the Census were used as sources of bench-mark data for private employment. Since that time, the primary source for bench-mark materials has been the employment covered under the social-security program: (1) Employment in firms liable to contributions to the State unemployment compensation funds; (2) data from the Bureau of Old-Age and Survivors Insurance on employment in firms exempt from State unemployment insurance laws because of their small size. Information from these two sources covers a substantial number of the persons engaged in nonfarm employment in each State. Special bench marks are used for industries not covered by the social-security program. Services for Federal, State, and local governments, and services performed for religious, educational, and charitable organizations are among the more important exclusions from the social-security program. State and local government bench marks are based on data compiled by the Bureau of the Census, and most of the data on Federal Government employment are made available by the U. S. Civil Service Commission. The Interstate Commerce Commission is the source for railroads.

In general, month-to-month changes reflect fluctuations in employment shown by establishments in many different industries reporting to the Bureau of Labor Statistics. Because the existence of new firms is not readily ascertainable, they are frequently introduced into the reporting samples after they have been in operation for some time. The lapse of time in taking account of new firms produces a consistent understatement. This bias is corrected in the periodic adjustments to bench-mark data.

Since publication of the 1949 STATISTICAL SUPPLEMENT the employment and the hours and earnings series have been revised to incorporate changes which significantly affect the previously published levels of industrial employment as well as the industries for which data were available. The revised data reflect the following major improvements: (1) Reclassification of reporting establishments on the basis of postwar product or activity; in the previous series classification was on the basis of the major prewar product or activity; (2) for manufacturing industries, adoption of classifications in accordance with the current Standard Industrial Classification Code, issued by the Bureau of the Budget (this code redefines a number of industries and provides new industrial groupings); (3) adjustment to the most recent and comprehensive figures available on the level of total employment; (4) availability for the first time of data for a number of nonmanufacturing industries for which information was previously lacking.

The basic revisions have resulted in a lack of historical continuity, prior to 1947, for many industries and in a substantial change in the list and definitions of the industries for which statistics are prepared.

The methods and sources used in preparing the estimates are described in detail in mimeographed monthly releases of the Bureau of Labor Statistics. Estimates of wage and salary workers in manufacturing by major industry groups and by States are published in these releases.

Monthly averages for 1919-34 and monthly figures for 1939-46 (comparable with data shown in this volume) are available for all major groups, and are published in part, as follows: In the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT—1941-August 1946 monthly figures for all groups except trade and service (use the 1949 volume for monthly figures beginning 1945); in the December 1950 SURVEY, pp. 22 and 23—1939-46 monthly figures for trade and service; in the November 1949 SURVEY, p. 24—September-December 1946 figures for all major groups except trade and service; in the May 1947 SURVEY, p. 22—1939-40 monthly figures for all major groups except trade, service, and finance; in the July 1945 SURVEY, p. 24—1929-34 averages for manufacturing, mining, and transportation and public utilities.

Monthly data for the subgroups of mining are available beginning 1939. Monthly data prior to 1947 are not available for the subgroups of transportation and public utilities, trade, and service.

² The manufacturing division includes privately operated establishments engaged in the mechanical or chemical transformation of inorganic or organic substances into new products;

such establishments are usually described as plants, factories, or mills which characteristically use power-driven machines and materials-handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Governmental manufacturing operations such as arsenals and navy yards are excluded from manufacturing and included with the government division.

³ The mining division includes establishments engaged in the extraction from the earth of all metalliferous ores; coal, petroleum, and natural gas; stone, clay, and sand; as well as various contract services, such as removal of overburden and tunnelling and shafting in surface or underground mining. Also included are dressing, beneficiating, or concentration of ores; breaking, washing, or grinding of coal; and rig building or well drilling in connection with petroleum. Smelting and refining of ores and production of coke from coal are included in manufacturing industries; transportation of petroleum products by common-carrier pipelines is included in the transportation and public utilities division.

⁴ The contract construction division includes only those private firms engaged in the construction business which work on a contract basis for others. There are two types of contractors included: General contractors who ordinarily assume responsibility for an entire construction project and may subcontract those portions of the job requiring special skills or equipment; and special trade contractors, specializing in such activities as plumbing, painting, electrical work, carpentry, etc., who may not only work under a subcontract for the general contractor, but may also work directly for the owner.

⁵ The transportation and public utilities division includes enterprises in the following activities: Passenger and freight transportation by railway, highway, water, or air; furnishing services related to transportation; pipeline transportation of petroleum; warehousing and storage; furnishing telephone, telegraph, and commercial radio communication service; or supplying electricity, gas, steam, water, or sanitary service.

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¹ See note 1 for p. 53.

² See note 5 for p. 53.

³ The trade division includes establishments primarily engaged in the buying and selling of tangible goods as distinct from securities and from services.

The wholesale-trade subdivision includes all establishments engaged in selling merchandise to retailers; to other wholesalers; to institutions, restaurants, and hotels; and to other industrial users. Also included are full-service and limited-function wholesalers, agents and brokers, commission merchants, manufacturers' sales branches with or without stocks, sales agents, assemblers and country buyers of farm products, and lumber and building-material wholesalers.

The retail-trade subdivision includes all types of establishments engaged in selling merchandise for personal or household consumption, and rendering services incidental to the sale of goods.

⁴ Data for the trade and service divisions, beginning with 1939, are not comparable with data for earlier years because of the shift of the automotive repair service industry from the trade to the service division.

⁵ The finance division includes establishments operating in the fields of finance (banks, security dealers, loan agencies, holding companies, and other finance agencies); insurance (insurance carriers and independent agents and brokers); and real estate (real estate owners, including speculative builders, subdividers, and developers, and agents and brokers).

⁶ The service division includes establishments rendering services to individuals and business firms, such as hotels and other lodging places; personal, business, repair, and amusement services; medical, legal, engineering, and other professions; educational institutions, nonprofit membership organizations, and various other services. Agricultural services, forestry, fishing, and service establishments, not elsewhere classified, are also included. All government-operated establishments (such as hospitals, museums, etc.) and all domestic-service employees are excluded.

⁷ The government division includes Federal, State, and local governmental establishments primarily engaged in activities which are peculiarly governmental in character, as well as all government-operated establishments and institutions (arsenal, navy yards, hospitals, etc.), government corporations, and government force-account construction.

⁸ Not comparable with preceding data; see note 4 for this page.

¹ The estimates of all employees are adjusted for seasonal variation by the *Board of Governors of the Federal Reserve System*. The seasonal adjustment allowances have been computed on an over-all basis for each major industry division with the exception of manufacturing. For manufacturing, separate adjustments have been made for the durable and nondurable groups of industries. The seasonal adjustments have been brought in line with the Bureau of Labor Statistics data for all of the groups beginning 1939.

Monthly data for 1939-46 for the total and for manufacturing, trade, and service are shown on p. 23 of the December 1950 SURVEY; monthly data for 1946 for mining, contract construction, transportation and public utilities, and government are given on p. 22 of the May 1950 SURVEY. Monthly figures for 1945 for all of the aforementioned series are shown in the 1949 STATISTICAL SUPPLEMENT; those for 1939-44 are available upon request.

² Data for the trade and service divisions, beginning with 1939, are not comparable with data for earlier years because of the shift of the automotive repair service industry from the trade to the service division.

³ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. The employment estimates and the employment indexes on p. 58 relate to all full-time and part-time production workers (prior to 1945, wage earners) in private manufacturing industries, who worked during, or received pay for, the pay period ending nearest the 15th of the month. The weekly payroll index on p. 59 relates to the amount of payroll for the identical week. Governmental manufacturing operations such as arsenals and navy yards are excluded. "Production workers" include working foremen, and all nonsupervisory workers (including lead men and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operations. The term was substituted for wage earners in 1945 to conform to the terminology and standard definition of classes of workers in manufacturing industries formulated by the Division of Statistical Standards, U. S. Bureau of the Budget. The change has no appreciable effect on the comparability of the data, since there is very little difference in the definitions.

Effective September 1949, the production-worker employment series was revised as explained in detail in note 1 for p. 53. The descriptions of the industries within the manufacturing division are based on the 1945 Standard Industrial Classification, and generally adhere to the basic definitions. The series shown here include all major industrial groups, and selected principal industries included in the original reports.

In preparing employment estimates, the Bureau of Labor Statistics establishes a bench mark or level of employment, representing a complete count or an estimate with a satisfactory degree of accuracy, which is carried forward on the basis of monthly reports from a sample group of cooperating establishments. When a new bench mark becomes available, estimates prepared since the last bench mark are reviewed and revised if any adjustment in the level is required.

Because the existence of new firms is not readily ascertainable, they are not introduced into the monthly sample until they have been in operation for some time. The lapse of time in taking into account new firms causes a downward bias. This bias is corrected in the periodic adjustments.

The level of the employment estimates beginning with 1939 is determined mainly by data obtained from the Bureau of Employment Security, relating to workers covered by State unemployment compensation programs, and data supplied by the Bureau of Old-Age and Survivors Insurance, Federal Security Agency. Prior to 1939, the estimates for individual industries were based on data from the Census of Manufactures for various years. Employment estimates for the individual industries and the employment and weekly payroll indexes, as well as data for the major groups and the totals, have been adjusted to bench-mark levels indicated by social-insurance-agency data through 1947.

Approximately 125,000 cooperating establishments now furnish monthly employment and payroll schedules, by mail, to the Bureau of Labor Statistics. The current employment statistics program is an integrated Federal-State project which provides industrial employment information on a national, State, and area basis.

Monthly data for 1939-46 for total manufacturing and the durable-goods industries are given on pp. 17 and 24 of the

September 1950 SURVEY (correction: primary metal industries and fabricated metal products combined, monthly average for 1941, 1,688,000); similar data for nondurable-goods industries appear on pp. 23-24 of the October 1950 SURVEY. Monthly averages for 1929-34 are shown on p. 22 of the December 1945 SURVEY for total manufacturing; total durable-goods industries; stone, clay, and glass products; machinery (except electrical); electrical machinery; transportation equipment; and total nondurable-goods industries and component industry groups.

Monthly data beginning 1939 for the selected industries shown here and additional industries, and also earlier data for some of the industries, are available in mimeographed reports of the Bureau of Labor Statistics.

⁴ Data for 1939-46 for lumber and wood products include data for furniture and fixtures.

⁵ Not comparable with preceding data; see note 3 for this page.

¹ See note 2 for p. 55.

² Data for 1939-46 for primary metal industries include data for fabricated metal products.

³ The italicized production-worker figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages on old basis comparable with italicized figures are as follows: Blast furnaces, steel works, and rolling mills, 1947—497,000; machinery, except electric, 1939—529,000; electrical machinery, 1939—259,000; transportation equipment (total), 1939—561,000; aircraft and parts, 1947—163,000; ship and boat building and repairing, 1947—122,000.

⁴ Data for 1939-46 for instruments and related products include data for miscellaneous manufacturing.

¹ See note 2 for page 55.

² Data beginning 1947 are not comparable with earlier figures; 1947 monthly average on old basis is 222,000 for canning and preserving and 235,000 for bakery products, compared with 198,000 and 194,000, respectively, on new basis.

¹ See note 2 for p. 55.

² The italicized production-worker figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages on old basis comparable with italicized figures are as follows: Chemicals and allied products (total), 1939—288,000; products of petroleum and coal (total), 1939—106,000; petroleum refining, 1947—111,000; tires and inner tubes, 1947—107,000; footwear (except rubber), 1947—244,000.

³ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. The production-worker employment index is computed from the production-worker employment estimates using the 1939 average as a base. It is the number of production workers expressed as a percentage of the average employment in 1939. The basic revisions (beginning 1939) made by the Bureau of Labor Statistics in the employment data are reflected in these data; see note 2 for p. 55. The earlier figures were correspondingly revised so as to provide a continuous series in monthly data back to 1919 for the unadjusted series; these are available upon request.

⁴ Compiled by the *Board of Governors of the Federal Reserve System*. The indexes adjusted for seasonal variation are derived from the unadjusted production-worker series compiled by the U. S. Department of Labor (see note 3 above and note 2 for p. 55). Monthly data back to 1919 are available upon request.

¹ Compiled by the *U. S. Department of Commerce, Bureau of Public Roads*. Data represent the number of persons employed on various classes of road work, under the supervision of Federal and State agencies; they include employment on highway construction in Alaska, Hawaii, and Puerto Rico. Prior to 1940 the figures cover only persons (other than supervisory and engineering employees) engaged directly on road work; beginning with January 1940, the total includes also data for State engineering, supervisory, and administrative employment which are not shown separately in the SURVEY. The figures for road construction represent those employed on Federal (national

forest and national park, public lands, flood relief), Federal-aid, State, and State-aid roads. The figures for maintenance are for persons employed on State roads only. Data represent the average number of persons employed during the month on each project. Comparable data for the series shown here are available by months for States, and employment for the various classes of road construction mentioned above also are published by the Bureau of Public Roads by months and States.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1931-34 and monthly data for 1938-40 are shown in the 1942 volume. Data for 1938 for maintenance (State) and the total have been revised as follows: Total—April, 213,902; May, 272,416; August, 318,942; maintenance (State)—April, 132,000; May, 156,563; August, 165,433. Monthly data prior to 1938 are shown in the 1940, 1938, and 1936 SUPPLEMENTS and on p. 19 of the June 1933 SURVEY.

² Compiled by the U. S. Civil Service Commission. Data represent the number of civil employees in the executive branch of the Federal Government, including for pertinent periods, administrative personnel paid from emergency relief appropriations. Figures include both permanent and temporary employees (full-time and part-time basis) and occupants of classified positions (subject to competitive examination under civil-service law) and unclassified positions (excepted from competitive examination by law and Executive Order). Figures do not include project personnel paid from emergency relief appropriations, enrollees of the Civilian Conservation Corps, military (uniformed) personnel, employees of the judicial and legislative branches of the Federal Government, or the employees of the District of Columbia Government. The data for 1935 and 1936 (in italics) represent the number of persons having Federal appointments on the last day of the month regardless of whether or not they received any pay in the month in which they were reported; later data through May 1943 relate to the number of employees who received pay during the last payroll period of the month. Beginning June 1943, the data relate to the number of persons who occupied civilian positions on the last day of the calendar month and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment, and cover employees in continental United States only; earlier data include some off-continent employees. Beginning June 1937, data exclude persons serving without compensation, persons on leave without pay for scheduled periods longer than 30 days, persons in leave status after reduction-in-force, casual workers, and trainees or workers whose pay is in the nature of an allowance. (There is no satisfactory overlap between the figures prior to June 1937 and those beginning that month.) Temporary substitute post office employees hired during the Christmas rush are included prior to 1941 but are excluded beginning that year. Such employees have not been reported since 1943; the number for United States total reported for 1941-43, but excluded here, is as follows (in thousands): 1941, December, 50; 1942, November, 10; December, 80; 1943, December, 220.

In addition to the change in reporting as cited above, the comparability of the data was further affected in June 1943 by the exclusion of employees on terminal leave. The estimated United States total for June 1943 on the old basis is 3,068,000, as compared with 3,002,000 on the new basis. The total beginning November 1943 reflects a further change in reporting resulting in an upward adjustment of 25,000 in that month. Data for June to October 1943 for the Washington, D. C., metropolitan area include persons serving without pay and \$1-a-year employees, estimated at about 3,000 per month; data for such employees have been excluded from the United States totals.

The figures include the number of temporary decennial census employees. In March-June 1950, respectively, the number of such employees was as follows: 145,000; 131,000; 49,000; and 12,000.

The caption "Washington, D. C., metropolitan area" has been substituted in the present SUPPLEMENT for "District of Columbia" formerly used. See note 10 for this page regarding expansion of the metropolitan area.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1925-32, June or July figures for earlier years, and monthly figures for 1938-40 are available in the 1942 Supplement. Data beginning 1933 through May 1937 have been revised to include temporary employees in the Post Office Department and there have been minor revisions in the monthly figures for July-December 1937. Revised monthly figures for 1933-37 and earlier monthly figures are available upon request.

³ Compiled by the Interstate Commerce Commission. Data for number of employees represent the number of persons, excluding executives, officials, and staff assistants, for class I steam railways, including the switching and terminal companies of these railways. Figures are for those on the payroll at the middle of the month. It should be noted that these data differ from the data used in computing the indexes shown on this page and described below.

Monthly figures for the series on number of employees for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1921-34 and monthly data for 1938-40 are shown in the 1942 volume; earlier monthly data beginning July 1921 are available in the 1940, 1938, and 1936 Supplements and on p. 20 of the November 1936 Survey. The monthly averages include in some years comparatively small revisions that cannot be allocated by months. Comparable data are not available prior to July 1921 because executives, officials, etc., were not reported separately and therefore cannot be excluded. Data for total employment (including all classes) for years prior to 1922 are published by the Interstate Commerce Commission.

The indexes of railway employees are based on data for all employees (including executives, officials, and staff assistants) for class I steam railways, excluding switching and terminal companies. The figures are for the number on the payroll at the middle of the month. The base period for the unadjusted series is the average for the 60 months of 1935-39; the adjusted index is computed by relating the data for each month to the average for 1935-39 for the corresponding month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly figures for 1939-40 are available upon request. Monthly indexes on the revised basis have not been computed for years prior to 1939.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, and represent the production-worker average weekly payrolls expressed as a percentage of the average weekly payroll for 1939. Payrolls are the private, weekly payrolls of both full- and part-time production and related workers who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month, before deductions for old-age and unemployment insurance, group insurance, withholding tax, bonds, and union dues. The data include pay for sick leave, holidays, and vacations taken, but exclude cash payments for vacations not taken, retroactive pay not earned during period reported, value of payments in kind, contributions to welfare funds and insurance or pension plans, and bonuses, unless earned and paid regularly each pay period. For a description of production workers see note 3 for p. 55.

Monthly data beginning 1919 are available upon request.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. See note 1 for p. 53 for a description of the basic revisions made in the hours and earnings series.

The current series on gross average hourly and weekly earnings and average hours per worker for the manufacturing and the nonmanufacturing industries are based on monthly reports from approximately 125,000 cooperating establishments (as of end of 1950) covering both full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. The data relate to non-supervisory employees and to production workers only (prior to 1945, wage earners). In general, the substitution of the term "production workers" for "wage earners" beginning January 1945 had no appreciable effect on the comparability of the data, since there is only a slight difference in the definitions. The data for the series are reported on the same schedules as those used to obtain employment and payroll information described in note 3 for p. 55. The reporting establishments are classified into significant groups on the basis of post-war product or activity as determined from annual sales data. In 1949 the sample reporting man-hour data included approximately 116,000 establishments, covering 246 industries and employing 12,000,000 workers. The number of establishments reporting varies from month to month and the averages are therefore not strictly comparable. The sample, however, is believed to be adequate in virtually all instances to indicate the general movement of hours and earnings. Average earnings do not represent full-time earnings since they are based on data for both part-time and full-time employment. They include overtime, premium, sick leave and vacation pay, but exclude special bonuses, cash payments for vacations, and other items. They are reported prior to deductions for old-age and unemployment insurance, withholding tax, bonds, union dues, and special clothing allowances. The number of hours reported represents hours worked or paid for, including hours paid for

holidays, sick leave, and vacations taken; if employees elect to work during a vacation period, only actual hours worked by such employees are included. Where reporting firms use a two-week or longer pay period, reports are edited to reduce the payroll and man-hour aggregates to their proper equivalents for a weekly period.

The average hourly earnings are on a "gross" basis; that is, they reflect not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late shift work, and changes in output of workers paid on an incentive basis. Also, the changing employment of workers as between relatively high-paid and low-paid work affects the general average of hourly earnings. Changes in the importance of individual establishments are also reflected. Averages for major groups and divisions further reflect changes in the relative importance of individual industries. Averages of hourly earnings should not be confused with wage rates, which represent the rates stipulated for a given unit of work or time, while earnings refer to the actual return to the worker for a stated period of time. Owing to the exclusion of irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and of earnings for those employees not covered under the production-worker or nonsupervisory employees definitions, the average earnings series should not be interpreted as representing total labor costs on the part of the employer.

Gross average weekly earnings are computed by multiplying gross average hourly earnings by average weekly hours. In addition to the factors mentioned, which exert varying influences upon gross average hourly earnings, gross average weekly earnings are affected by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism. Weekly earnings, although sometimes incorrectly termed "take-home pay" are not the same as the amount that is actually available to workers for spending, since no deduction has been made for income and social-security taxes, group insurance, occupational supplies, and union dues.

The series shown in the SURVEY include data for all major manufacturing groups, selected manufacturing industries, and nonmanufacturing groups. Mimeographed reports of the U. S. Department of Labor include separate data for additional industries. Continuity of the various series has been maintained as follows: *Hours worked* and *hourly earnings*, beginning 1932 for total manufacturing, durable-goods industries, and nondurable-goods industries; *weekly earnings*, beginning 1919 for total manufacturing and beginning 1923 for durable-goods and nondurable-goods industries. Monthly data prior to 1947 for the above-mentioned series are available in the 1949 STATISTICAL SUPPLEMENT and earlier issues. (Revisions for total manufacturing, September to December 1946 and 1946 monthly average, respectively: Weekly earnings—\$45.54; \$45.97; \$46.07; \$47.32; \$43.82; hourly earnings—\$1.130; \$1.135; \$1.146; \$1.157; \$1.086.)

Data for the industry groups and the individual industries of the manufacturing and nonmanufacturing divisions are available on the old basis through 1948 in the 1949 STATISTICAL SUPPLEMENT and earlier issues. The revisions described in note 1 for p. 53 have resulted in a lack of historical continuity prior to 1947 for many industries. For the following industries, comparable monthly data for 1941-46 for all series appear in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT: Blast furnaces, steel works, and rolling mills; ship and boat building and repairing; machinery, except electrical; electrical machinery; paper and allied products; pulp, paper, and paperboard mills; and tires and tubes.

Comparable monthly data prior to 1947 are available for the following series, by manufacturing industry groups or industries: *Hours worked*—primary smelting and refining; canning and preserving; textile-mill products; apparel and other finished textile products; printing, publishing, and allied industries; products of petroleum and coal; petroleum refining; and rubber products; *hourly earnings*—stone, clay, and glass products; automobiles; canning and preserving; textile-mill products; leather and leather products; and footwear, except rubber.

For nonmanufacturing, comparable monthly data prior to 1947 are available as follows: *Hours worked*—metal mining; anthracite mining; bituminous-coal mining; petroleum and natural-gas production; nonmetallic mining and quarrying; building construction; general-merchandise stores; automotive and accessories dealers; laundries; *hourly earnings*—metal mining; anthracite mining; bituminous-coal mining; general merchandise stores; automotive and accessories dealers; laundries;

weekly earnings—metal mining; anthracite mining; bituminous-coal mining; laundries.

⁶ The italicized weekly hours figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows (hours): Lumber and wood products, except furniture, 42.2; sawmills and planing mills, 41.8; and furniture and fixtures, 41.7.

⁷ The method of reporting employees was changed in June 1937 (see note 2 above); the average shown is for 7 months, June-December. Averages for January-May (in thousands), strictly comparable with earlier data, are as follows: United States total, 856; Washington, D. C., metropolitan area, 115.

⁸ The monthly data included in the averages are not entirely consistent; see notes 2 (2nd paragraph) and 9 for this page.

⁹ The United States totals beginning August 1945 include approximately 53,000 clerks at third-class post offices and substitute rural carriers not reported previously.

¹⁰ In December 1949 the definition of the Washington, D. C., metropolitan area was changed to include all of Prince Georges and Montgomery Counties, Maryland, and Fairfax County, Virginia.

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¹ See note 5 for p. 59.

² The italicized weekly hours figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Stone, clay, and glass products, 40.5; automobiles, 39.9.

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¹ See note 5 for p. 59.

² The italicized weekly hours figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Food, 43.0; bakery products, 42.5; tobacco, 38.6.

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¹ See note 5 for p. 59.

² The italicized weekly hours figures represent data on old basis and are not comparable with succeeding figures on new basis. The overlapping monthly average for 1947 on old basis comparable with italicized figures is 41.2 hours.

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¹ See note 5 for p. 59.

² Data in italics are unweighted averages and are not strictly comparable with figures beginning 1939. Average for 1939 comparable with italicized figures is 40.0 hours.

³ Data are for petroleum and natural-gas production, excluding contract services.

⁴ The italicized figures are not comparable with succeeding data; they relate to all employees except corporation officers, executives, and other employees whose duties are mainly supervisory, whereas succeeding figures (through May 1949) relate to all employees subject to the Fair Labor Standards Act. Moreover, data subsequent to March 1945 are based on revised and improved procedure for reporting (April 1945 figure on new basis is 40.6 hours and on old basis, 42.9 hours).

⁵ Data relate mainly to land-line employees, excluding employees compensated on a commission basis, general and divisional headquarters personnel, trainees in school, and messengers.

⁶ The italicized figures represent data on old basis and are not comparable with succeeding figures on new basis. Monthly average for 1947 on old basis is 41.2 hours.

⁷ Average for 7 months, June-December.

⁸ Average for 9 months, April-December. See also note 4 for this page.

⁹ Average for 11 months, February-December. Data not available prior to February 1946.

¹⁰ Data beginning June 1949 relate to nonsupervisory employees. See also note 4 for this page.

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¹ See note 5 for p. 59.

² The italicized weekly hours figures represent data on old basis and are not comparable with succeeding figures on new

basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows (hours): Hotels, year-round, 44.5; cleaning and dyeing plants, 41.8.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data include all known work stoppages arising out of labor-management disputes involving six or more workers and continuing as long as a full day or shift, whether initiated by the workers or by the employers. The data are based on notices or leads regarding labor disputes appearing in daily papers and labor papers and trade journals, as well as records from Federal and State agencies that deal with employer-employee disputes. Letters are sent to representatives of parties in the disputes asking for detailed and authentic information to substantiate these published reports.

The figures on "man-days idle" and "workers involved" cover all workers made idle in establishments directly involved in a stoppage. They do not measure the indirect or secondary effects on other establishments or industries whose employees are made idle as a result of material or service shortages. The figures for "in effect during the month" include data for stoppages beginning in the specified month and those continuing from the preceding months.

Monthly averages beginning 1916 for stoppages beginning in the month (number and workers involved) and beginning 1927 for man-days idle, and monthly data for 1934-46 for these series and for stoppages in effect during the month are available in the 1949, 1947, 1942, 1940, and 1938 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1927-33 for all series are available upon request.

⁴ Compiled by the U. S. Department of Labor, Bureau of Employment Security, formerly by the Federal Security Agency, Social Security Administration. A placement represents a verified entry of a worker on a job as a direct result of employment service activities. Data prior to 1939 relate to continental United States, Alaska, and Hawaii; for 1939-49, to continental United States only; beginning 1950, to continental United States and, in addition, to placements (of veterans only) in Alaska, Hawaii, and Puerto Rico. The forestry and fishing industry is excluded for 1936-39.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. The data shown in the 1942 SUPPLEMENT include agricultural as well as nonagricultural placements and, therefore, are not comparable with figures in later volumes. Beginning in 1943, agricultural placements were made by the U. S. Employment Service only in cooperation with the U. S. Department of Agriculture Extension Service. Monthly figures for nonagricultural placements for 1935-40 are available upon request.

⁵ Compiled by the U. S. Department of Labor, Bureau of Employment Security (formerly by the Federal Security Agency, Social Security Administration). Data include, except as noted, operations in all States, the District of Columbia, Alaska, and Hawaii, in which benefits were payable. However, any interpretation made of these data must take into consideration variations in the number of States initiating benefit payments at any given time; benefits were payable in Wisconsin only in 1936 and 1937; in 23 States in January 1938; 25 States in April 1938; 29 States in September 1938; 31 States in December 1938; and in January 1939 in all States except Illinois and Montana (benefits first payable in these States in July 1939), and in the District of Columbia, Alaska, and Hawaii. The South Dakota agency suspended operations July 28-September 26, 1939.

Monthly data for all series for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1938-40 for continued claims and benefit payments are shown in the 1942 SUPPLEMENT; monthly figures for 1938-40 for initial claims are available upon request.

An "initial claim" is the first claim in a benefit year filed by a worker after losing his job, or the first claim filed at the beginning of a second or subsequent period of unemployment in the same benefit year. A benefit year is the 12-month period within which a worker may receive benefits, if eligible, following his first initial claim. Initial claims do not result in benefit payments but are just the first step in the process. Transitional claims are included in the data shown here. A transitional claim is a claim filed by a person already in a claimant status, for determination of benefit rights in a new benefit year.

A "continued claim" represents a waiting period claim (claim filed following the 1- or 2-week waiting period required by all States except Maryland and beginning July 1949, Nevada) or a compensable claim (claim filed for each additional week of insured unemployment after a worker has completed his waiting

period). Only compensable claims can result in benefit payments. Data shown exclude the following States for the periods indicated: California, Maine, and Oregon for January 1938; Massachusetts and Virginia for January-March 1938; New York for January 1938-March 1939; Indiana for May-June 1938; Maine reported continued claims for total unemployment only during February and March 1938.

Data for weekly average number of beneficiaries receiving benefit payments are estimated for 1938; for 1939 they relate to the number of claimants receiving benefits during the week ended nearest the middle of the month. Monthly figures represent the average weekly number of beneficiaries, computed from weeks compensated in the calendar month. With the exception of the 1938-39 averages, which are based on estimated data for some months, the annual averages represent the average weekly number based on weeks compensated in the calendar year rather than averages of the monthly figures.

Monthly data and the monthly averages for amount of benefit payments for 1936-37 represent gross amount of benefit payments and contain no adjustment for voided benefit checks; monthly averages beginning 1938 are based on net amounts adjusted to exclude such checks.

⁶ Average for 6 months, July-December.

⁷ Average for 11 months, February-December. Data not available for January.

⁸ January figures included for several States are estimated.

⁹ Includes \$1,177,000 resulting from recalculation of weekly benefit amounts in Ohio, not allocated by months.

¹⁰ Includes \$162,000 resulting from recalculation of weekly benefit amounts and payment of miners' claims resulting from labor dispute in 1939 in Ohio.

¹¹ Includes \$297,000 delayed as a result of labor disputes in Ohio.

¹² Includes \$104,000 resulting from review of 1938-41 seasonal claims in Oregon, not distributed by months.

¹³ Includes \$89,000 resulting from review of seasonal claims for 1938-41 in Oregon and for 1941-42 in Colorado, not distributed by months.

¹⁴ Average is based on rounded annual data rather than monthly figures shown.

¹⁵ Beginning August 1950, the average weekly number of beneficiaries is based on a 5-day work week rather than the calendar week; data, therefore, are not strictly comparable with those for earlier periods.

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¹ Compiled by the Veterans Administration, Readjustment Allowance Service. Data relate to readjustment allowances for unemployment payable from Federal funds under the Servicemen's Readjustment Act of 1944 and operating in all States, the District of Columbia, Alaska, Hawaii, and Puerto Rico. Effective September 9, 1944, readjustment allowances were available to veterans of World War II having been in active service for at least 90 days, or less if discharged or released from active service because of an injury incurred in line of duty, and who were discharged under conditions other than dishonorable. Allowances are payable to veterans who are either unemployed or self-employed. Only data relating to unemployment allowances are shown here. The maximum allowance for any week of total unemployment is \$20, payable for a maximum of 52 weeks or less according to length of service.

Data for "initial claims" relate to the first claim filed by a veteran following his discharge from the Armed Services and additional claims (second or subsequent period of unemployment). No waiting period is required. A "continued claim" certifies to the completion of a week of unemployment for which an allowance is claimed. "Amounts of payments" are gross and are not adjusted for voided checks.

A self-employed veteran is eligible for an allowance if his net earnings during the month are less than \$100. The monthly average number of claims paid to veterans receiving self-employment allowances for 1945-50 and the monthly average amount of payments are as follows: Number of claims—1945, 10,100; 1946, 216,400; 1947, 176,200; 1948, 74,700; 1949, 39,100; 1950, 1,500; amount of payments—1945, \$972,900; 1946, \$21,035,300; 1947, \$16,514,500; 1948, \$6,966,500; 1949, \$3,630,000; 1950, \$138,800.

Monthly data beginning August 1944 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT for all items except continued claims filed during the last week of the month. The latter are available upon request.

² Continued claims filed during the week ending the last Saturday in the month.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, based on monthly reports from a varying number of representative manufacturing establishments. "Labor turnover," as used in this series, refers to the gross movement of workers into and out of employment status with respect to individual firms. Personnel actions of each type are cumulated on an industry basis and expressed as a percentage of employment in the industry. Data are obtained each month from a representative sample of establishments by means of a mail questionnaire.

In the earlier years of the period shown here reports were received from about 5,000 establishments with approximately 2,500,000 employees. The scope of the survey has been gradually broadened and in December 1950 the reporting sample included 6,300 manufacturing establishments which employed approximately 4,200,000 workers. Certain seasonal industries, such as canning and preserving, and since March 1943, printing and publishing, are not covered by the survey. The data represent a general rate for each month for all industries combined, weighted by estimated employment in major industry groups. Data for individual industries are included in the original reports. The rates beginning 1943 relate to all employees, whereas earlier data relate to factory workers, or wage earners, only.

In December 1949 the labor turn-over series were revised to use the Standard Industrial Classification (1945) coding structure which changes the definitions of some industries and provides new industrial groupings. Previously, the industry definitions used were in accordance with the Social Security Board Classification system (1942). Also in December 1949, weighting was introduced in the computation of industry-group rates. The rates for each industry group are obtained by weighting the rate of each component industry in proportion to employment in these industries. The comparability of the data with previous data for manufacturing as a whole (shown here) is not affected.

A brief statement of the method of computation is as follows: For each item of labor turnover the total number of personnel changes reported during a month by establishments in the sample for each industry is divided by the total number of employees who worked during or received pay for any part of the pay period ending nearest the 15th of the month. The result so obtained is multiplied by 100. For example, in an industry sample, the total number of employees who worked during or received pay for the week of January 12-18 was reported as 25,498. During the period January 1-31, in all the reporting firms a total of 284 employees quit. The quit rate for the industry is:

$$\frac{284}{25,498} \times 100 = 1.1$$

Labor turnover rates from month-to-month are based on comparable but not necessarily identical samples. The rates for each industry group are obtained by weighting the rates for each component industry in proportion to employment in these industries. The rate for all manufacturing is weighted by employment in the major industry groups. In compiling the rates, the actual numbers for the several establishments are added and the general rates computed from the grand total. The definitions adopted by the Bureau of Labor Statistics for the various captions used in this table are as follows:

"Accessions" are all additions to the work force during the calendar month, whether of new or rehired employees. Returns to work after lay-offs or after any unauthorized absence of at least 7 calendar days are considered accessions.

"Separations" are all terminations of employment during the calendar month which last at least 7 consecutive calendar days. Separations are further classified according to cause—quits (or voluntary separations); and discharges, lay-offs, and miscellaneous separations (collectively called involuntary separations).

"Discharges" are terminations of employment during the calendar month initiated by the employer for such reasons as incompetence, violation of rules, dishonesty, insubordination, laziness, and habitual absenteeism. Discharges also include terminations because of employees' inability to meet an organization's physical standards.

"Lay-offs" are terminations of employment during the calendar month (lasting or expected to last 7 consecutive calendar days) initiated by the employer, without prejudice to the workers, for such reasons as lack of orders or materials, conversion of plant, release of temporary help, and introduction of labor-saving machinery or processes. A termination of em-

ployment with definite instructions to return to work within 7 days is not regarded as lay-off. Vacations or suspensions of operations during inventory periods are likewise not considered lay-offs.

"Quits" are terminations of employment during the calendar month initiated by employees for such reasons as acceptance of a job elsewhere, dissatisfaction, return to school, marriage, maternity, ill health, or voluntary retirement (except on company pension). Unauthorized absences of 7 consecutive calendar days are considered quits. Quits for the purpose of entering the Armed Forces are reported under miscellaneous separations. Prior to September 1940, miscellaneous separations were included with quits.

"Miscellaneous separations (including military)" are terminations of employment during the calendar month because of permanent disability, death, retirement on pension, or entrance into the Armed Forces. Prior to September 1940, miscellaneous separations are included with quits.

Beginning September 1940, workers leaving to enter the Armed Services of the United States are included. Transfers from one plant to another of the same company are not considered accessions or separations.

Month-to-month changes in total employment in manufacturing industries as indicated by labor turn-over rates are not precisely comparable with those shown by the compiling agency's reports on employment and payrolls, as the former are based on data for the entire month, while the latter, for the most part, refer to a 1-week period ending nearest the middle of the month. The turn-over sample is not so extensive as that of the employment and payroll survey (proportionally fewer small plants are included) and certain industries are not covered, as indicated above. In addition, employment and payroll reports relate to production and related workers (wage earners prior to 1945) for all years.

Annual turnover rates beginning 1929 and monthly data prior to 1947 are shown in the 1949, 1947, 1942, 1938, and 1936 issues of the STATISTICAL SUPPLEMENT, and on p. 20 of the April 1935 SURVEY.

⁴ See note 5 for p. 59.

⁵ The italicized weekly earnings figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Lumber and wood products (except furniture) \$43.35; sawmills and planing mills, \$42.28; furniture and fixtures, \$44.36.

⁶ "Quits" and "miscellaneous" combined prior to January 1940.

⁷ Average for 4 months, September-December.

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¹ See note 5 for p. 59.

² The italicized weekly earnings figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Stone, clay, and glass products, \$48.18; primary smelting and refining of nonferrous metals, \$53.13; automobiles, \$57.44.

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¹ See note 5 for p. 59.

² The italicized weekly earnings figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Food and kindred products, \$48.27; canning and preserving, \$41.20; bakery products, \$45.75; tobacco manufactures, \$36.67; textile-mill products (total), \$40.94; apparel, etc. (total), \$37.29.

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¹ See note 5 for p. 59.

² The italicized weekly earnings figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Printing, publishing, and allied industries, \$59.77; chemicals and allied products (total), \$50.59; products of petroleum and coal (total), \$59.32; petroleum refining, \$62.14; rubber products, \$55.97; leather products, \$40.73; footwear except rubber, \$39.11.

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¹ See note 5 for p. 59.

² Data in italics are unweighted averages and are not strictly comparable with figures beginning 1939. The average for 1939 comparable with italicized figures is \$28.05.

³ Data are for petroleum and natural-gas production, excluding contract services.

⁴ The italicized figures are not comparable with succeeding data; they relate to all employees except corporation officers, executives, and other employees whose duties are mainly supervisory, whereas succeeding figures (through May 1949) relate to all employees subject to the Fair Labor Standards Act. Moreover, data subsequent to March 1945 are based on revised and improved procedure for reporting (April 1945 figure on new basis is \$37.50 and on old basis, \$40.72).

⁵ Data relate mainly to landline employees, excluding employees compensated on a commission basis, general and divisional headquarters personnel, trainees in school, and messengers.

⁶ The italicized figures represent data on old basis and are not comparable with succeeding figures on new basis. Monthly average for 1947 on old basis is \$52.40.

⁷ Average for 7 months, June-December.

⁸ Average for 9 months, April-December. See also note 4 for this page.

⁹ Average for 11 months, February-December. Data not available prior to February 1946.

¹⁰ Data beginning June 1949 relate to nonsupervisory employees. See also note 4 for this page.

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¹ See note 5 for p. 59.

² The italicized earnings figures are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Weekly earnings—general-merchandise stores, \$31.28; automotive and accessories dealers, \$51.06; hotels, year-round, \$29.65; cleaning and dyeing plants, \$36.99; hourly earnings—lumber and wood products, except furniture, \$1.027; sawmills and planing mills, \$1.010; and furniture and fixtures, \$1.063.

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¹ See note 5 for p. 59.

² The italicized hourly earnings figures are not comparable with succeeding figures on new basis. Overlapping monthly average for 1947 on old basis comparable with italicized figures is \$1.276.

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¹ See note 5 for p. 59.

² The italicized hourly earnings figures are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Food and kindred products, \$1.124; bakery products, \$1.079; tobacco manufactures, \$0.951; apparel and other finished textile products, \$1.028.

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¹ See note 5 for p. 59.

² The italicized hourly earnings figures are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Printing, publishing and allied industries, \$1.491; chemical and allied products, \$1.228; products of petroleum and coal, \$1.464; petroleum refining, \$1.545; rubber products, \$1.409.

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¹ See note 5 for p. 59.

² Data in italics are unweighted averages and are not strictly comparable with figures beginning 1939. Average for 1939 comparable with italicized figures is \$0.705.

³ Data are for petroleum and natural-gas production, excluding contract services.

⁴ The italicized figures are not comparable with succeeding data; they relate to all employees, except corporation officers, executives, and other employees whose duties are mainly supervisory, whereas succeeding figures (through May 1949) relate to

all employees subject to the Fair Labor Standards Act. Moreover, data subsequent to March 1945 are based on revised and improved procedure for reporting (April 1945 figure on new basis is \$0.926 and on old basis, \$0.952).

⁵ Data relate mainly to landline employees, excluding employees compensated on a commission basis, general and divisional headquarters personnel, trainees in school, and messengers.

⁶ Average for 7 months, June-December.

⁷ Average for 9 months, April-December. See also note 4 for this page.

⁸ Average for 11 months, February-December. Data not available prior to February 1946.

⁹ Data beginning June 1949 relate to nonsupervisory employees. See also note 4 for this page.

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¹ See note 5 for p. 59.

² The italicized hourly earnings figures represent data on old basis and are not comparable with succeeding figures on new basis. Overlapping monthly averages for 1947 on old basis comparable with italicized figures are as follows: Wholesale trade, \$1.258; general-merchandise stores, \$0.841; hotels, year-round, \$0.661; and cleaning and dyeing plants, \$0.897.

³ Compiled by the *Engineering News Record*. Figures represent the hourly wages of both common and skilled labor in the construction industry as of the 1st of each month. The data are compiled from monthly reports of correspondents in 20 cities as follows: New York, Boston, Philadelphia, Baltimore, Atlanta, Birmingham, Cleveland, Cincinnati, Detroit, Chicago, St. Louis, Kansas City, Dallas, Minneapolis, Denver, Seattle, San Francisco, Los Angeles, Pittsburgh, and New Orleans. Both the skilled and common rates are arithmetic averages of wages actually paid in the 20 cities. Union wages actually paid are used, except where nonunion jobs predominate. In some instances it has been necessary to average the rates for union and nonunion, where both exist. The skilled rates are averages of three principal trades—carpenters, bricklayers, and structural ironworkers—in heavy construction.

Monthly figures for 1938-46 and monthly averages for 1913-34 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. For monthly figures for 1922-37 see the 1940, 1938, and 1936 SUPPLEMENTS and p. 19 of the September 1933 SURVEY. Revisions in the published data are as follows: Common rates—August 1930, \$0.562; February 1932, \$0.452; July 1932, \$0.411; skilled rates—July 1925, \$1.22; September 1929, \$1.37; May 1933, \$1.00; July 1936, \$1.16; August 1946, \$1.82.

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data represent the average farm wage rate per hour without board and room for hired farm labor, and are based on information received by the Bureau's regional offices in mailed questionnaires from 15,000 to 20,000 farmers reporting quarterly. The farmer is asked to report the average wage rates being paid "at this time" in his locality. The "at this time" on the average represents the second or third day before the end of the month. Data are compiled as of the 1st of January, April, July and October. To obtain quarterly rates for the country as a whole, quarterly figures for each region are weighted by estimates of the number of hired farm employees in the region; and to obtain the annual averages, the quarterly rates are weighted by the total number of hired farm employees in each quarter.

Data prior to January 1948 are not available for this series which has been substituted for the series on farm wage rates (without board) per month. Data through 1948 for the latter series appear in the 1949 STATISTICAL SUPPLEMENT and earlier issues.

⁵ Compiled by the Interstate Commerce Commission and represent average hourly earnings of persons employed by the class I steam railways, including the switching and terminal companies of these railways. These data were computed from the number of persons (excluding executives, officials, and staff assistants) on the payroll at the middle of the month. Back pay resulting from retroactive wage agreements is not included in the monthly figures but is included in computing the monthly averages. The figures shown as monthly averages therefore differ substantially in some years (notably in 1943 and 1946) from the average of the monthly figures. Wage increases which became effective in December 1943 and January 1944, retroactive to February 1 or April 1, 1943, are not fully reflected in the monthly figures until March 1944. It should be borne in mind that the average hourly earnings are affected by changes in the proportion of employees in each wage group, as well as by changes in wage rates.

Monthly averages for 1921-34 and monthly figures for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. For monthly figures prior to 1938 see the 1940, 1938, and 1936 SUPPLEMENTS and p. 20 of the November 1936 SURVEY.

⁶ Compiled by the U. S. Department of Commerce, Bureau of Public Roads. Data represent average hourly wage rates for unskilled (common) labor in road building on Federal-aid projects. The wage rates vary considerably in different regions. Changes in United States average shown here are affected by the relative number of men employed in areas with higher or lower wage rates. The annual averages through 1946 are computed by the compiling agency from total hours and wages for the 12 months and are not averages of the monthly figures. Beginning July 1947, data are reported quarterly instead of monthly, and the annual average (after 1947) is computed from the quarterly reports.

Annual averages for 1922-31 and 1934 and monthly data for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; monthly data for 1934-35 are in the 1938 volume. Monthly figures prior to 1934 (with the exception of the 1928-31 figures in the 1932 SUPPLEMENT) and for 1936-37 have been revised since publication in the SURVEY; revisions are available upon request.

⁷ Average based on monthly reports for first half of year and quarterly thereafter.

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¹ Compiled by the Federal Reserve Bank of New York since July 1936; earlier data were compiled by the American Acceptance Council. The figures represent the total acceptance liability outstanding on the last day of the month of banks and bankers in the United States and agencies of foreign banks in this country. Acceptances based on (a) imports, (b) exports, (c) goods stored in or shipped between points in the United States and foreign countries, and (d) dollar exchange are included. Data by classes of acceptances are available from the Federal Reserve Bulletin.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier year-end figures beginning 1920 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT; monthly figures for 1925-37 appear in the 1940, 1938, 1936, and 1932 volumes.

² Compiled by the Federal Reserve Bank of New York and published in the Federal Reserve Bulletin. Data represent the volume of paper outstanding as reported by the principal dealers in the country; some finance-company paper sold in open market is included. Thirteen dealers reported for January 1935-January 1937; 12 for February 1937-November 1941 (except for March 1940 when 15 reported); 11 for December 1941-February 1943; and 10 beginning March 1943 (except for June 1945 when 11 reported).

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier year-end figures beginning 1918 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT. Monthly data for 1923-37 which appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS are correct except for revisions in the figures for May 1931-April 1932, and a few minor revisions for 1923, 1928, and 1929; monthly data for 1918-22 and the revisions mentioned are available upon request.

³ Compiled by the Farm Credit Administration, to provide a comprehensive picture of the farm credit activities under the supervision of this agency. The farm credit Administration supervises in the activities of the Federal land banks, the national farm loan associations, the Federal intermediate credit banks, the production credit corporations, the production credit associations, the banks for cooperatives, and the Agricultural Marketing Act revolving fund. It supervises also the lending activities of the Federal Farm Mortgage Corporation, an emergency institution on whose behalf the Land Bank Commissioner makes loans, and, prior to April 16, 1949 the liquidation of the regional agricultural credit corporations. The assets of the regional agricultural credit corporations were transferred by law to the Farmers Home Administration as of April 16, 1949. The loans represent farm-mortgage loans, short-term production credit, and advances to farmers' cooperative purchasing and marketing associations. District units of the Farm Credit Administration are located in each of the 12 farm credit districts, coinciding geographically with the Federal land bank districts. The offices are located in Springfield (Mass.), Baltimore, Columbia (S. C.), Louisville, New Orleans, St. Louis, St. Paul, Omaha, Wichita, Houston, Berkeley, and Spokane. In each district organization there are four permanent credit in-

stitutions—a Federal land bank, a Federal intermediate credit bank, a production credit corporation, and a bank for cooperatives—in addition to local national farm loan associations and production credit associations.

The Farm Credit Administration also supervised the liquidation of the joint-stock land banks, which were privately capitalized institutions organized under the Federal Farm Loan Act. Liquidation of these banks was completed in July 1949. Data for loans of the joint-stock land banks through June 1945 are available in the 1942 and earlier SUPPLEMENTS and the 1943-45 issues of the monthly SURVEY; figures for 1946-July 1949 are available upon request. The Farm Credit Administration formerly supervised the emergency crop and drought relief loan offices; effective November 1, 1946, jurisdiction over these offices was transferred to the Farmers Home Administration. Data for these loans have been excluded from the figures shown here for all years.

Data on agricultural loans included in the summary table on Government corporations and credit agencies on pp. 83 and 84 include agricultural loans of the Commodity Credit Corporation, Reconstruction Finance Corporation, Farmers Home Administration and predecessor agencies, and the Rural Electrification Administration, as well as loans of agencies under the supervision of the Farm Credit Administration. In addition, data for loans of agencies under the supervision of the Farm Credit Administration included in the summary table differ from data shown here in that the summary table includes Federal intermediate credit bank loans to and discounts for production credit associations, which are not included in the totals shown here, and excludes loans by production credit associations which are here included.

Data in greater detail and descriptions of the lending institutions in the system may be found in the annual reports of the Farm Credit Administration.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; year-end figures prior to 1935 and monthly figures for 1932-40 are shown in the 1942, 1940, 1938, and 1936 SUPPLEMENTS and, except for a few minor revisions in the 1932-33 figures, are correct and comparable with data in subsequent volumes after adjusting the "grand total" and "total short-term credit" to exclude emergency crop loans and drought relief loans. Figures for Federal land banks published in the 1932 SUPPLEMENT are substantially correct.

⁴ Loans to cooperatives include loans (direct) by Federal intermediate credit banks, loans by the district banks for cooperatives and the Central Bank for Cooperatives (excluding advances in connection with CCC programs), and loans from the Agricultural Marketing Act revolving fund.

⁵ Data on short-term credit include Federal intermediate credit bank loans to and discounts for financing institutions (exclusive of loans to other Farm Credit Administration agencies), loans by production credit associations, and (prior to April 1949) regional agricultural credit corporations. Federal intermediate credit bank loans to and discounts for other Farm Credit Administration agencies (regional agricultural credit corporations, production credit associations, and banks for cooperatives) are omitted from the total for short-term credit and total loans for all agencies to avoid duplication. Emergency crop loans and drought-relief loans, which were formerly under the supervision of the Farm Credit Administration and are included in the totals for short-term credit shown in the 1942 and earlier SUPPLEMENTS have been excluded for all years.

⁶ Compiled by the Board of Governors of the Federal Reserve System. The series include debits at reporting member and non-member banks in 141 centers. Beginning 1942 a number of banks which formerly did not report were added; the figures beginning that year are therefore not entirely comparable with earlier data (see note 10). The data represent debits or charges (on the books of reporting banks) to deposit accounts of individuals, corporations, partnerships, the United States Government, and State and local governments. Debits to savings accounts, payments from trust accounts, and certificates of deposit paid are included. Figures do not include debits to the accounts of other banks or in settlement of clearinghouse balances, payments of certified and officers' checks, charges to expense and miscellaneous accounts, corrections, or similar charges. Monthly figures are derived from weekly reports through April 1942, prorating the figures for weeks which do not fall entirely within a single calendar month; thereafter data have been collected for calendar months.

Monthly averages for 1919-34 and monthly data for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; monthly data for 1923-37 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁷ The condition of the twelve Federal Reserve Banks is reported as of the end of each month by the *Board of Governors of the Federal Reserve System*. Detailed statements are presented in the monthly Federal Reserve Bulletin.

Effective June 12, 1945, only gold certificates are eligible as reserves (for year-end figures 1935-44 and monthly data 1941-May 1945 for total reserves, including cash, see the 1947 STATISTICAL SUPPLEMENT, p. 72). The reserve ratio represents the percentage which gold certificate reserves (total reserves prior to June 12, 1945) are of the combined deposit and Federal Reserve note liabilities.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revisions for reserve ratio in 1945—January, 48.5; February, 47.7; March, 47.4; May, 45.1). Year-end figures prior to 1935 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT (the year-end figures for total reserves have been revised as follows, in millions of dollars: 1919, 1,990; 1920, 2,250; 1921, 3,010; 1922, 3,166; 1923, 3,169; 1924, 3,047; 1925, 2,824; 1926, 2,948; 1927, 2,867; 1928, 2,709; 1929, 3,011; 1930, 3,082; 1931, 3,158; 1932, 3,331). Monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS, except for revisions of the 1936 and 1932 volumes as follows (millions of dollars): U. S. Government security holdings, July 1926, 372; member bank reserves, March 1930, 2,367; total reserves, 1932—January, 3,169; February, 3,140; March, 3,235; April, 3,213; May, 2,987; June, 2,777; July, 2,836; August, 2,980; September, 3,091; October, 3,195; November, 3,242; December, 3,331; 1933—January, 3,457; February, 3,126; March, 3,455; April, 3,633.

⁸ Includes direct and guaranteed securities.

⁹ Data for all items except bank debits are as of the end of the year, not monthly averages.

¹⁰ Beginning May 1942, data were collected for additional banks in the reporting centers and are included in the figures shown here; figures for 1942 include January-April estimates for the additional banks. Monthly averages for 1942 on the old basis, comparable with earlier data, are as follows: 141 centers, \$46,116,000,000; New York City, \$17,580,000,000; outside New York City, \$28,536,000,000; monthly figures on the old basis are available on p. S-14 of the March 1943 monthly SURVEY.

¹¹ Beginning July 1, 1948, farm mortgage loans are reported quarterly.

¹² Excludes loans to regional agricultural credit corporations. See first paragraph of note 3 for this page.

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¹ See note 7 for p. 76.

² The data are reported weekly by the *Board of Governors of the Federal Reserve System* and are for reporting member banks in leading cities; the figures given here are for the Wednesday nearest the end of the month or year.

Beginning July 2, 1946, the series for weekly reporting banks was revised to increase and improve the coverage; a number of important cities were added while some cities formerly included were eliminated and the coverage within included cities was broadened (101 cities were covered in the figures shown here prior to 1946). In addition, all branches of reporting banks are now included regardless of the location. The inclusion of all branches of reporting banks removes the possibility of indicating precisely the number of cities covered. The total number of cities, counting only the head-office city of branch systems, included in the new series is 94. The number of banks reporting was increased from 371 to 441. The percentage of total commercial bank deposits represented by the new series was increased from 49 to 57 and the percentage of total member bank deposits represented was increased from 57 to 67.

The reporting banks numbered about 400 in 1935. The total was gradually changed by mergers and other causes and at the end of 1950 reports included about 420 banks. Total loans and investments and total deposits of the weekly reporting banks in 101 cities in 1935 amounted to approximately 70 percent of the totals for all member banks and 60 percent of the totals for all banks in the United States, excluding mutual savings banks. During the war period the proportions declined and at the end of 1946 the reporting banks in 101 cities had about 60 percent of the loans and investments and deposits of all member banks and around 50 percent of these items for all commercial banks. In the middle of 1946, a new and enlarged series for weekly reporting banks was initiated, as indicated above. The data for June-December 1946 shown on pp. 73 and 74 of the 1947 STATISTICAL SUPPLEMENT are the 101-cities series, comparable with earlier data, whereas those for the corresponding period as shown in the 1949 volume are on the new basis. A 7-

months overlap of the old and revised series is, therefore, provided.

Since the weekly reporting banks are chiefly large city banks, which are most affected by short-time money-market factors, they are especially significant in showing current changes in the credit situation. The assets and liabilities of banks in smaller places change more slowly, and weekly figures for these banks would ordinarily be of less significance and, owing to the larger number of such banks, more difficult to collect.

Because of a revision in the classification of "loans" in May 1937 (described in the Federal Reserve Bulletins for May and June 1937) and a regrouping of the items, data for the period prior to that time cannot be shown for the individual classifications except for loans to banks, real-estate loans, and loans to brokers and dealers in securities. The latter item includes, beginning with May 1937, when the revision was made, a small amount of unsecured loans to brokers and dealers (when such loans are made for the purpose of purchasing or carrying securities); earlier data include only loans on securities. In the Federal Reserve presentation of these data, several combinations of the new classifications are shown which provide a fairly comparable continuation of the earlier series.

Beginning February 1939, data for time deposits, demand deposits, and investments in U. S. Government direct obligations were subdivided and new classifications were brought out. A small amount of U. S. Government time deposits (2 million dollars on February 8) was shifted from the U. S. Government demand deposit series and included in the time deposit total. Minor changes were also made in the composition of several items of loans and investments. Certain amounts which had been previously classified as loans or securities, but indirectly representing bank premises or other real estate owned, are classified as "other assets" (not shown in this tabulation). These amounts on February 8, 1939, were \$47,000,000 for loans and \$53,000,000 for securities. A transfer of a small amount of loans theretofore classified as "commercial, industrial, and agricultural" to "other loans" was also made at that time.

Beginning with the 1947 STATISTICAL SUPPLEMENT, the data shown for interbank deposits include demand and time deposits of both domestic and foreign banks; they differ from figures in earlier SUPPLEMENTS which represent only domestic interbank deposits. Monthly figures for 1938-46 and year-end figures beginning 1919, or the earliest year available, for all other items are shown in the 1949, 1947, and 1942 SUPPLEMENTS (loans on open-market paper, shown separately in the 1942 and earlier volumes, are now combined with industrial, commercial, and agricultural loans). Monthly figures prior to 1938 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS as follows: Adjusted demand deposits (prior to September 1934, "net demand deposits"—see note on item in 1940 SUPPLEMENT), total time deposits, total investments, and total loans, 1923-37 (except for minor revisions for June 1923, February 1925, and January 1926); U. S. Government deposits, 1936-37; investments in U. S. Government obligations, 1932-37; investments in guaranteed obligations and in "other securities," loans to brokers and dealers in securities, real estate loans, and loans to banks, 1934-37; other classifications under loans, 1937. Available data for 1919-40 for all items are included in Banking and Monetary Statistics, published by the Board of Governors of the Federal Reserve System.

³ Adjusted demand deposits represent deposits other than interbank and United States Government, less cash items reported as on hand or in process of collection. Data for adjusted demand deposits include certified and officers' checks in addition to other demand deposits shown here.

⁴ Includes U. S. Government and postal-savings deposits not shown separately.

⁵ Data for Federal Reserve Banks are as of the end of the year; data for weekly reporting member banks are for Wednesday nearest the end of the year.

⁶ Revised basis; not comparable with preceding data (see note 2 for this page).

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¹ See note 2 for p. 77.

² For separate data on guaranteed obligations (1935 through June 1946), see the 1947 STATISTICAL SUPPLEMENT, p. 74.

³ Data are for Wednesday nearest the end of the year.

⁴ Guaranteed obligations only.

⁵ Revised basis; not comparable with preceding data (see note 2 for p. 77).

⁶ Beginning June 30, 1948, figures for individual loan items are reported gross (i.e., before deduction of valuation re-

serves) instead of net as previously; therefore, they are not entirely comparable with prior figures and do not add to total loans, which continue to be reported net. Data for July 1947-May 1948 for the various loans items, adjusted to a gross basis, are available upon request.

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¹ Compiled by the *Board of Governors of the Federal Reserve System*. Data represent averages of rates charged on short-term loans (those maturing in 1 year or less) to business in the specified cities.

Figures through 1938, shown in italics and not comparable with succeeding data, are weighted averages of the prevailing rates (i.e., rates for the bulk of loans) for the week ending the 15th of each month that banks reported as charging customers for loans represented by prime commercial paper eligible for rediscount at the Federal Reserve Banks under the provisions of the Federal Reserve Act.

Figures beginning 1939 are a revised series of interest rates adjusted for changes in the size composition of loans and, therefore, more accurately reflect variations over time in the level of interest rates. The new report form (introduced June 1948) calls for the amount of the loans and the interest rate actually charged for each new loan or renewal made in the first half of March, June, September, and December by a selected group of 91 large banks in 19 leading cities. To afford a comparison between rates beginning June 1948 and earlier data, the old interest-rate reports have been reworked back to March 1939 to provide estimates of average rates charged, using a constant system of weights derived from the size-of-loan data reported since June 1948. The reworked data, therefore, eliminate certain erratic fluctuations and long-run trends formerly introduced by shifts in the size composition of loans.

To adjust for size-of-loan differences, averages of rates paid on each size group of loans in each area are computed. This is done by dividing the dollar amount of interest charged, figured at an annual rate, by the dollar amount of loans made in each group of loans. The resulting rate averages for the minor size groups for each area are then combined into four major size groups of loans for the area. The weights used for this computation are based on the importance in each area of the minor size groups in the loan portfolios of reporting banks, as of November 20, 1946.

Major size categories of loans, for which weighted average rates are computed, are as follows:

\$1,000 -	\$9,999
\$10,000 -	\$99,999
\$100,000 -	\$199,999
\$200,000 and over	

For each of the three geographic areas and for all 19 cities taken together an average rate is computed as a summary measure of movements in rates on all sizes of loans. The over-all average, in each case, is obtained by combining the average rates for the four major size groups of loans. The weights used in making each average reflect the relative importance of the loan size groups in the business-loan volume outstanding as of November 20, 1946, at reporting banks in the area concerned.

Further details regarding the current series may be found in the March 1949 Federal Reserve Bulletin, pp. 228 ff.

Earlier monthly averages and monthly figures for 1928-March 1939 (except for the 19 cities), comparable with data shown here through 1938, appear on p. 17 of the March 1940 SURVEY. For a complete description of this series, see Banking and Monetary Statistics (pp. 426 ff.), published by the compiling agency.

² Reported by the *Board of Governors of the Federal Reserve System*. Annual data represent rates in force on December 31 of each year. Monthly data are for rates in force at end of month. Data cover rates to member banks on all advances secured by Government obligations and on discounts of the advances secured by eligible paper under Sections 13 and 13a of the Federal Reserve Act (except that a preferential rate of 0.50 percent on advances secured by Government obligations maturing or callable in 1 year or less was in effect from October 30, 1942 to April 24, 1946, inclusive). Rates also apply to advances secured by obligations of Federal intermediate credit banks maturing within 6 months.

For monthly data beginning 1923 and rates as of December 31 for 1914-22, see the 1949, 1947, 1942, 1940, 1938, 1936, and 1932 issues of the STATISTICAL SUPPLEMENT (November 1929 rate shown in the 1932 SUPPLEMENT should be 4.50 percent). The

rates prior to 1922 shown in these Supplements cover 61- to 90-day commercial, agricultural, and livestock paper.

³ Compiled by the *Farm Credit Administration* and the predecessor agency, the *Federal Farm Loan Board*. The figures represent interest rates charged by the Federal intermediate credit banks for direct loans only. During the 1935-February 1947 period, except in February 1939, the 12 banks had the same rate. When the banks have different rates, as in February 1939 and after February 1947, the loan rates of the 12 banks are averaged. If a change of rate occurs during a month the bank's average rate for that month is obtained by weighting each rate by the number of business days it was in force. No weight is given to the number of loans closed at the various rates.

Monthly averages for 1923-34 and monthly figures beginning 1929 are available in the 1949, 1947, 1942, 1938, 1936 and 1932 issues of the STATISTICAL SUPPLEMENT (revisions: May 1930, 4.82; August 1930, 4.13; June 1933, 3.12). Monthly data for 1923-28 are available upon request.

⁴ Compiled by the *Farm Credit Administration* and the predecessor agency, the *Federal Farm Loan Board*. The figures are averages of the 12 banks' contract rates, or rates charged on new loans closed by the 12 Federal land banks on loans made through national farm loan associations. The law limits the rate to 6 percent. Direct loans are made at a rate 1/2 of 1 percent higher than those made through the associations. When the banks have different loan rates, the rates of the 12 banks are averaged. When a change of rate occurs during a month, the bank's average rate for that month is obtained by weighting each rate in effect during the month by the number of business days it was in force. No weight is given to the number of loans closed at the various rates.

A temporary interest rate of 4 1/2 percent was established by legislation on instalments maturing during the period July 11, 1933, through June 30, 1935, on loans made through the national farm loan associations; on instalments maturing from July 1, 1935, through June 30, 1944, the rate was further temporarily reduced to 3 1/2 percent. On expiration of this reduced rate on June 30, 1944, the banks voluntarily reduced the interest rate to 4 percent on all loans outstanding, some of which bore a contract rate as high as 6 percent. No further changes were made until August 1, 1948, when the Columbia bank raised its rate to 4 1/2 percent on association loans; on January 1, 1949, the Springfield bank raised its rate to 4 1/2 percent.

For monthly data beginning February 1917, see the 1949, 1947, 1942, 1940, and 1938 issues of the STATISTICAL SUPPLEMENT and p. 20 of the April 1935 SURVEY.

⁵ Compiled by the *Board of Governors of the Federal Reserve System* from data collected by the New York Federal Reserve Bank. The monthly figures for bankers' acceptances, commercial paper, and time loans are averages of weekly prevailing rates. Rates for New York Stock Exchange call loans are averages of daily quotations.

Monthly averages for 1918-34 for bankers' acceptances, and 1913-34 for other series, and monthly data for 1938-46 for all series are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT (see note in the 1942 volume regarding commercial-paper rates for years prior to 1919); the 1933 averages for acceptances, commercial paper, and time loans have been revised to 0.63, 1.73, and 1.11, respectively, and there have been a few minor revisions in the earlier averages. Monthly data on call loans for 1926-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS; monthly data prior to 1938 for other series and prior to 1926 for call loans are available upon request.

⁶ Compiled by the *Board of Governors of the Federal Reserve System*. Data through 1946 represent average rates on issues announced within the period; thereafter, on new bills issued within the period. Beginning with data for December 17, 1937, the rates are on 3-month Treasury bills. Prior thereto, they are on bills of the following maturities: Bills maturing about March 16, 1938 (October 22-December 10, 1937); 9 months (March 1, 1935-October 15, 1937); 6 months (through February 23, 1935). The rates are for tax-exempt bills prior to March 1, 1941, and for taxable bills thereafter.

Monthly averages prior to 1935 and monthly data for 1938-46 (based on issues announced) are available in the 1949, 1947, 1942, 1940, and 1938 issues of the STATISTICAL SUPPLEMENT, (the 1934 average, shown in the 1942 volume, should read 0.256 percent).

⁷ Compiled by the *Board of Governors of the Federal Reserve System*. Data are averages of daily figures. They are derived from yields on individual issues as computed by the Treasury Department. Each daily figure is an unweighted av-

erage of the yields of the issues included and is based on averages of closing bid and asked quotations.

Data through September 14, 1945, include taxable Treasury notes only (taxable notes were first issued in December 1940). Each issue with a maturity of more than 3 years was included until its period to maturity reached 3 years. Beginning September 15, 1945, the series includes notes and/or selected bond issues. Substitutions of issues are made from time to time in order to provide, in general, a continuous and representative series. For some periods, the data are based on a single issue.

Monthly data for 1941-46 (for the taxable series as shown here) are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For data through March 1942 on 3- to 5-year tax-exempt Treasury notes, see the 1947 STATISTICAL SUPPLEMENT and earlier volumes.

⁸ Compiled from data furnished by the *Savings Bank Association of the State of New York* on deposits in all savings banks in New York State—numbering 130 since February 1949. For December figures prior to 1947, reports of the New York State Banking Department are used. Since January 1935, the coverage of the monthly reports has been complete and, except for minor differences, data are comparable with the December figures from the State Banking Department.

Year-end data for 1913-34 and monthly data for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENTS. Monthly data for 1924-37 are shown in the 1940, 1938, 1936, and 1932 volumes; the 1924-31 figures shown in the latter issue include small estimates and the December figures differ slightly from the December figures from the State Banking Department shown in the 1942 SUPPLEMENT. Only semiannual data are available prior to 1924.

⁹ Compiled by the U. S. Post Office Department. Data tabulated here are as of the end of the year or month indicated. Data on postal savings are shown in greater detail in the annual reports of the Postmaster General.

Balance to credit of depositors represents outstanding principal as evidenced by certificates of deposit and unclaimed deposits (accounts inactive over 20 years).

Year-end data for 1913-34 and monthly data for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Earlier monthly figures which appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS are correct except for minor revisions in the figures in the latter volume.

¹⁰ Data for bank rates to customers for 1939-46 are annual averages. Data for discount rate, New York Federal Reserve Bank, and for savings deposits are as of the end of the year.

¹¹ Revised series; comparable with succeeding data (see note 1 for this page). Averages of rates for January and February 1939 comparable with series shown through 1938 are as follows: 19 cities, 2.58 percent; New York City, 1.72 percent; 7 other northern and eastern cities, 2.83 percent; 11 southern and western cities, 3.29 percent.

¹² Average for 8 months; February, April-September, and November. Rates were negative for January, March, October, and December.

¹³ Series revised beginning January 1947 to reflect yields on new bills issued within the period rather than issues announced.

¹⁴ Bank rates for 1947 are annual averages; those for 1948-50 are averages of quarterly data shown.

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¹ Compiled by the Board of Governors of the Federal Reserve System beginning September 1942. Original estimates for the period January 1929-August 1942, inclusive, were made by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and were based to some extent on data prepared by the National Bureau of Economic Research in cooperation with the Russell Sage Foundation and the U. S. Department of Commerce. The data represent national estimates based on sample reports and are adjusted periodically to more comprehensive data which are collected at less frequent intervals. The method of estimation and sources of data originally used are set forth in detail in the SURVEY for November 1942, pp. 15 and 23-25. Revisions made in the segments of consumer credit are described in the Federal Reserve Bulletins for October 1942, pp. 992-994; December 1944, pp. 1177-1181; January 1945, pp. 27-28; April 1946, pp. 383, 432-434; July 1947, pp. 830-833; August 1948, pp. 933-934; January 1949, p. 14; May 1949, pp. 504-505; and November 1950, p. 1466.

The instalment sale-credit series include credit arising from the instalment sales of all types of retail stores except

those whose sales are predominantly to farmers, contractors, or others for business purposes. The estimates of instalment receivables, which are shown by type of store, refer to credit arising from instalment sales of each type of retail outlet regardless of whether the receivables are held by the vendor originating the paper or by a financial agency to which the accounts have been sold. The amount of instalment sale credit outstanding includes finance charges. Current estimates are based on month-to-month movements of instalment accounts receivable reported by sample groups of stores in the more important instalment credit-granting retail lines. Sample coverage varies from more than 50 percent of total instalment accounts outstanding for automobile dealers, department stores, and mail-order houses to 20 percent, or less, for furniture, jewelry, and household-appliance stores.

The instalment cash-loan series refer to the amount of credit arising from loans made directly to consumers by cash lending agencies and repayable in instalments. Miscellaneous lenders are lending agencies which closely resemble industrial and small-loan companies, but which lack adequate State regulatory controls. The series for insured repair-and-modernization loans represents estimated amounts outstanding at the end of the month on consumer loans insured under Federal Housing Administration Title I, Class 1 and Class 2. Interest charges are included in estimated amounts outstanding for all types of lenders except small-loan companies and credit unions. Small-loan companies usually make their charge each month on the unpaid balance and do not include the charge as a part of the loan or as a part of the loan balance outstanding. For the most part, credit unions use a similar lending technique and, to that extent, the credit-union series excludes interest charges. Data published in the 1947 STATISTICAL SUPPLEMENT and earlier issues of the Survey have been revised, beginning 1929, to exclude real-estate mortgage loans of State credit unions. The related totals have been correspondingly revised to incorporate this change.

Monthly estimates for the components of the cash-loan series are carried forward on the basis of reports from the several types of lending institutions. Reports from industrial banks and small-loan companies account for about two-thirds or more of total consumer instalment loans made by these agencies. Sample coverage for other types of lenders ranges from around 40 percent for commercial banks to one-third or less for industrial-loan companies and credit unions. All estimates are adjusted periodically to call reports or other official data.

The charge-account series covers consumer credit arising from retail and, to some extent, wholesale charge-account sales to consumers. Generally, interest is not required on charge-account credit; therefore, these estimates exclude such charges. Retail outlets excluded from the charge-account series are the lumber-building group; farm implement-tractor-hardware stores; hay, grain, and feed stores; farm and garden supply stores; and office, store appliance, and equipment dealers. In addition, approximately 5 percent of "other retail store" charge-account receivables are excluded as nonconsumer and 13 percent of automobile-dealer receivables, representing an allowance for trucks. The charge-account receivables of all other types of retail stores are included.

The series on single-payment loans covers only short- and intermediate-term loans with no prepayment schedule specified, arising from consumer-lending activities of commercial banks and pawnbrokers. Interest charges, for the most part, are not included in these estimates. The series has been revised beginning 1929 (with a corresponding revision in the total consumer-credit figures) to exclude all commercial bank single-payment loans of more than \$3,000, since it is considered that these loans are used primarily for nonconsumer purposes. The effect of this revision has been to reduce the level of the single-payment series by approximately two-thirds. Beginning 1946, the revision also incorporates revised estimates of pawnbrokers' pledge loans, reflecting additional published information from pawnbrokers' annual reports.

The series on service credit includes the amount of indebtedness (in length of term similar to charge accounts) arising from services rendered by medical practitioners, hospitals, laundries, cleaning and pressing establishments, funeral parlors, public utilities, and correspondence schools. The principal exclusion is probably consumer credit arising from legal services, for which field no data are available at the present time. Generally, interest is not charged in the extension of service credit and, therefore, these estimates exclude such charges.

Comparable data available in earlier issues of the STATISTICAL SUPPLEMENT are as follows: 1949 issue—monthly data for

1945-46 and monthly averages for 1935-44 for all items, except total consumer credit and single-payment loans (these data have been revised beginning 1929 and are available upon request; see 2d paragraph above); 1947 issue—monthly figures for 1941 for total sale credit and sale credit for furniture stores, household-appliance stores, jewelry stores, and all other retail stores; monthly data, 1941-44, for sale credit for automobile dealers and department stores and mail-order houses, for cash loans for all components (except credit unions and insured repair-and-modernization loans), for charge accounts, for service credit, and for instalment loans made, except those made by credit unions. Monthly data for 1929-40 for charge accounts and service credit outstanding are available on p. 24 of the April 1948 SURVEY. Monthly data prior to 1941 for individual types of sale credit and cash-loan credit outstanding are available on pp. 17 and 18 of the November 1942 SURVEY as follows: All items under sale credit, 1929-40 (corrections for department stores and mail-order houses, millions of dollars—August 1932, 99; September 1932, 98); cash loans for commercial banks, 1929-33, and for industrial banks and industrial-loan companies (combined figures shown as "industrial banking companies"), 1929-37. Monthly data for 1929-37 for loans made by these institutions appear on p. 18 of the September 1940 SURVEY.

The following unpublished revised monthly data are available upon request: Total consumer credit (1929-46); total instalment credit (1929-44); total instalment cash loans outstanding and credit-union cash loans outstanding and loans made (1929-44); insured repair-and-modernization loans (1934-44); total sale credit and sale credit for furniture stores, household-appliance stores, jewelry stores, and all other retail stores (1942-44); credit outstanding and loans made for commercial banks (1934-40), for industrial banks and industrial-loan companies (1938-40), and for small-loan companies (1929-40); credit outstanding for miscellaneous lenders (1929-40); and single-payment loans (1929-46).

² Data are end-of-year figures, not monthly averages.

³ Data for industrial-loan companies for 1935-37 are included with data for industrial banks.

⁴ Small-loan companies in California are included for the first time in the data for December 1939. It is estimated that their loans outstanding amounted to \$24,800,000 in that month.

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¹ See note 1 for p. 80.

² Compiled by the U. S. Treasury Department. Data cover only budgetary operations of the Federal Government, excluding from expenditures the amounts for public-debt retirement which are chargeable to the sinking fund, etc., under special provisions of the law. They are on the basis of the Daily Statement of the Treasury, known as "current cash basis," compiled from daily reports received from Government depositories and Treasury offices holding Government funds. Owing to the distance of some of the offices from the Treasury, their reports may be somewhat delayed. The figures do not include delayed reports for the month concerned and include reports for the preceding month received too late for inclusion in the figures for that month. Effective July 1, 1946, payments made by the Division of Disbursements of the Treasury Department, are classified as expenditures when checks are issued instead of when paid, as formerly. The figures as shown in the Daily Statement of the Treasury are the basis for the Budget estimates submitted to Congress.

Budget accounts include general accounts, which are credited with receipts not designated by Congress for specific purposes and cover most appropriations and expenditures, special accounts, or funds earmarked by Congress for specific purposes, and operations in checking accounts of wholly owned Government corporations and credit agencies, other than transactions of these agencies on account of borrowings or repayments. They exclude trust account receipts and expenditures and related items. Both receipts and expenditures exclude (1) refunds of receipts and (2) interagency transactions involving payments to the Treasury, principally by wholly owned Government corporations, for retirement of capital stock and for disposition of earnings.

Information on the content of various items of expenditures is given in notes 2-4 for p. 82. Items under receipts are explained as follows (see also note 3 below): "Income and profits taxes" include individual income and corporation income and profits taxes, unjust enrichment taxes (through June 1946), and victory taxes (withheld pursuant to the Revenue Act of 1942 and repealed after 1943). "Employment taxes" consist of receipts for old-age insurance, unemployment insurance, and

railroad retirement; except as otherwise noted, the data exclude railroad-unemployment-insurance contributions, which are included in "other receipts." "Miscellaneous internal revenue" includes liquor taxes, tobacco taxes, manufacturers' and retailers' excise taxes, estate and gift taxes, capital-stock taxes, stamp taxes, and other miscellaneous taxes. This item and the preceding two items (income and profits and employment taxes) compose total internal revenue as classified in Treasury reports.

"All other receipts" include proceeds from the sale of surplus property (Act of October 3, 1944) and from Government-owned securities, deposits resulting from renegotiation of war contracts, Panama Canal tolls, seigniorage, and miscellaneous receipts. Deposits resulting from the renegotiation of war contracts represent a large proportion of "other receipts" in certain years. Separate figures for such deposits are not available on the basis of daily Treasury statements; on the basis of covering warrants, such amounts (including so-called voluntary returns) for fiscal years ended June 30 were as follows (in millions of dollars): 1943, 558; 1944, 2,235; 1945, 2,041; 1946, 1,063; 1947, 279; 1948, 162; 1949, 56; 1950, 27.

Comparable data available in earlier issues of the STATISTICAL SUPPLEMENT are as follows: 1949 issue—monthly figures for 1945-1946 for all items of receipts and expenditures; monthly averages for 1940-1944 for total receipts, net receipts, "all other receipts", total expenditures, and "all other expenditures"; monthly averages for 1935-1944 for all other items; 1947 issue—monthly figures for 1941-1944 for customs, income taxes, social-security taxes, miscellaneous internal revenue, interest on the debt, and Veterans Administration; 1942 issue—monthly figures for 1938-1940 for customs, income taxes, social-security taxes, and interest on the debt; 1940 and earlier issues—monthly data for 1927-1937 for customs.

³ "Net receipts" represent gross receipts less appropriations to Federal old-age and survivors insurance trust fund and refunds of receipts (principally refunds for overpayment of taxes).

⁴ Data for consumer credit outstanding are end-of-year figures, not monthly averages.

⁵ Monthly averages computed from yearly totals.

⁶ Data for industrial-loan companies for 1935-37 are included with data for industrial banks.

⁷ Total for 7 months, June-December, is \$206,000; social-security taxes were first collected in June 1936. Railroad-unemployment-insurance contributions are included in data for 1936 (as stated in note 8 below) but the amount is offset by transfers to the Old-Age Reserve Account.

⁸ Prior to July 1, 1939, figures include railroad-unemployment-insurance contributions (paid under Title IX of the Social Security Act) amounting to 2.7, 5.3, and 6.8 million dollars, respectively, for the calendar years 1936, 1937, and 1938, and 2.9 million for January-June 1939. Similar contributions under the "Railroad Unemployment Insurance Act," effective July 1, 1939, are largely deposited directly in the trust-fund account for railroad unemployment insurance; the portion included in receipts is credited to funds for administrative expenses and is not classified as an employment tax under the Internal Revenue Code.

⁹ See footnote 4 for p. 80.

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¹ See note 2 for p. 81. As indicated in the aforementioned note, expenditures exclude refunds of receipts, which are shown as a deduction from receipts, certain payments to the Treasury (principally by wholly owned Government corporations), and amounts for public-debt retirement which are chargeable to the sinking fund, etc., under special provisions of the law. Expenditures include transfers to trust accounts and net expenditures of wholly owned Government Corporations, etc., (except payments to the Treasury mentioned above and, beginning with November 1950, net investments in public-debt securities). All transactions relating to the Foreign Economic Cooperation Trust Fund during 1948 and 1949 have been consolidated with expenditures.

² Includes transfers to the adjusted service certificate fund and the National service life-insurance fund, administered by the Veterans Administration, in addition to expenditures for veterans' pensions and compensations, benefits under the Servicemen's Readjustment Act, public works undertaken by the Veterans Administration, and all other expenditures of the agency.

³ Expenditures for "national defense and related activities" currently include those of the Departments of the Air

Force, the Army, and the Navy; payments under Armed Forces Leave Act; expenditures of the U. S. Maritime Commission (prior to July 1, 1949; thereafter, data are included with "all other expenditures"), UNRRA, surplus property disposal agencies, the Reconstruction Finance Corporation (after July 1, 1947, expenditures of RFC for national defense and related activities were not segregated from other expenditures of the Corporation and its affiliates, which are included under "other" expenditures). Beginning July 1947, expenditures for strategic and critical materials and for the National Advisory Committee for Aeronautics are included and, beginning July 1949, also expenditures for Selective Service System and the Office of the Secretary of Defense. The latter includes retired pay for the military services beginning September 1949.

⁴ "All other expenditures" include the following items: International finance and aid (beginning in the fiscal year 1946); aid to agriculture; expenditures under the social-security program; public-works expenditures; housing and home finance; direct and work relief (not classified separately after June 1945); expenditures of the Atomic Energy Commission (beginning in the fiscal year 1947); and miscellaneous expenditures.

⁵ Compiled by the U. S. Treasury Department. Figures represent gross debt at the end of the year or month specified. Beginning July 1942, data are on the basis of Daily Treasury Statements (see note 2 for p. 81 for an explanation of data on this basis); earlier figures are from Public Debt Statements which take into account delayed reports. Data include matured debt on which interest has ceased and debt bearing no interest, in addition to interest-bearing debt.

"Public issues—interest bearing" consist of bonds, Treasury notes, certificates of indebtedness, and treasury bills, and includes both marketable and nonmarketable issues. "Special issues to Government agencies and trust funds—interest-bearing" consist of notes or certificates issued to the following trust funds or accounts: Retirement funds, unemployment trust fund, Federal old-age and survivors insurance trust fund, adjusted service certificate fund, Postal Savings System, Federal Deposit Insurance Corporation, Federal Savings and Loan Insurance Corporation, Federal home loan banks, housing insurance funds, National service life-insurance fund, mutual mortgage insurance fund, and Government life-insurance fund. "Noninterest-bearing" consists of matured debt on which interest has ceased, United States notes (less gold reserve), national bank and Federal Reserve bank notes assumed by the United States on deposit of lawful money for their retirement, and other debt bearing no interest.

The figures for January and November 1944, and May, October, and November 1945 include prepayments on securities sold during loan drives beginning in the month but issued after the close of the month. The public debt reflects debt incurred to finance expenditures of Government corporations and credit agencies for which obligations of such corporations and agencies are held by the Treasury. Debt so incurred amounted to \$8,470,000,000 on December 31, 1950. The reduction in the debt from the peak in February 1946 was accomplished almost entirely by a reduction in the cash balance in the Treasury during that year. The balance in the Treasury general fund as of December 31 in recent years has been as follows (millions of dollars): 1940, 1,928; 1941, 3,560; 1942, 10,543; 1943, 12,294; 1944, 22,236; 1945, 26,003; 1946, 3,502; 1947, 3,097; 1948, 4,208; 1949, 4,679; 1950, 4,232.

Data as of June 30 of each year beginning 1913 and monthly data for 1936-46 are available in the 1949, 1947, 1942, and 1940 issues of the STATISTICAL SUPPLEMENT; earlier monthly data for total gross debt appear in the 1938, 1936, and 1932 SUPPLEMENTS and for the breakdown on p. 16 of the April 1939 SURVEY. Total interest-bearing debt is not shown in these earlier volumes but can be obtained by adding the two component series.

⁶ Compiled by the U. S. Treasury Department (data through 1941 were compiled by the Board of Governors of the Federal Reserve System from reports of the U. S. Treasury Department). Data are as of end of the year or month specified and represent the principal amount of obligations issued by Government corporations and credit agencies which are guaranteed as to principal and interest. Obligations of the Home Owners' Loan Corporation, issued July 1, 1933, guaranteed as to interest only, which were called for redemption July 1, 1935, are not included. Only public issues are included; excluded throughout are obligations held by the United States Treasury and reflected in the public debt. Data include interest-bearing debt and matured debt on which interest has ceased beginning 1939; earlier data are interest-bearing debt only.

Since October 1941 funds needed by the Government corporations and credit agencies have been provided by the Treasury instead of by sale of guaranteed securities in the open market, except in the case of certain transactions involving the Federal Housing Administration and the Commodity Credit Corporation. As a result of this policy, there has been a large decrease in guaranteed obligations outstanding. Securities of the Government corporations and credit agencies held by the Treasury for debt incurred to finance their expenditures and reflected in the public debt totaled \$8,470,000,000 on December 31, 1950.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier monthly data appear in the 1942, 1940, 1938, and 1936 SUPPLEMENTS; data for all years shown in those volumes represent interest-bearing debt. The 1942 and earlier SUPPLEMENTS and the monthly SURVEY through the July 1944 issue show data by principal issuing agencies; since May 1945 the interest-bearing obligations have consisted entirely of demand obligations of the Commodity Credit Corporation and debentures issued by the Federal Housing Administration in connection with mortgage insurance.

⁷ Compiled by the U. S. Treasury Department. U. S. savings bonds were first offered in March 1935 and were designed to encourage the investment of small savings in United States securities. Data cover all issues of U. S. savings bonds, including bonds of series A-D, which were sold between March 1935 and April 1941, and series E, F, and G which have been on sale since May 1, 1941.

Series A-E bonds are 10-year discount bonds sold at 75 percent of maturity value, and yield 2.90 percent per annum if held to maturity. Series F bonds are 12-year discount bonds sold at 74 percent of maturity value, and yield 2.53 percent per annum if held to maturity. Series G bonds are 12-year current income bonds, sold at par, bearing interest at 2-1/2 percent per annum, and redeemable at par at maturity or at stated prices less than par before maturity. Purchases of series A-D bonds were limited to \$7,500 issue price in any one calendar year. These bonds were available to all subscribers prior to April 1, 1940, and to individuals only after that date. Purchases of series E bonds are limited to \$3,750 issue price in any one calendar year, and may be made only by individuals. The limit for series F and G combined is \$100,000 issue price in any one calendar year (\$50,000 in calendar year 1941). However, special offerings have been made to certain classes of institutional investors in excess of regular limitations; and at specified times in 1950, investors could buy series F and G bonds combined up to a total of \$1,000,000 in excess of the \$100,000 existing limit. Series F and G bonds are available to all subscribers except commercial and industrial banks. Commercial and industrial banks, however, were permitted to purchase these bonds during certain periods and with certain restrictions.

Sales figures are funds received from sales and therefore represent issue price of bonds. Since May 1941, sales figures represent series E, F, and G; comparatively small amounts credited during several later months from sales of series A-D do not affect the figures in millions. Sales of series E included in the combined figures are as follows (monthly averages in millions of dollars): 1941 (average for May-December), 143; 1942, 499; 1943, 862; 1944, 1,031; 1945, 819; 1946, 372; 1947, 340; 1948, 352; 1949, 351; 1950, 306. Redemptions and amounts outstanding are at current redemption values, including accrued discount, except that amounts outstanding of series G are valued at par. The figures for redemptions include bonds redeemed before maturity and matured bonds turned in for redemption. Matured bonds not turned in for redemption are reflected in amounts outstanding. The first series of bonds began to mature in March 1945.

⁸ Data for public debt and guaranteed obligations outstanding are as of the end of the calendar year, not monthly averages.

⁹ Average for 8 months, May-December. Receipts from sales in March and April first appeared in funds received in May.

¹⁰ In July 1948, data for war assets were transferred from "national defense and related activities" to "all other expenditures".

¹¹ Excludes \$1,746,100 representing net investments of wholly owned Government corporations and agencies in public debt securities which were classified during the period July-October 1950 as budget expenditures.

¹² Includes data resulting from special offering of Series F and Series G to certain classes of institutional investors in excess of regular limitations.

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¹ Compiled by the U. S. Treasury Department from reports received from the agencies and published in the Treasury daily statement. The agencies included consist of (1) corporations in which the U. S. Government has a proprietary interest, direct or indirect, except Federal savings and loan associations and those corporations in which the proprietary interest of the United States is evidenced only by preferred stock or capital notes acquired through the Reconstruction Finance Corporation or production credit corporations; and (2) certain activities of the executive departments and independent establishments of the U. S. Government.

Data as shown beginning with the 1947 Statistical Supplement conform to the basis adopted in September 1944, when the form of reporting was completely revised and data were included for some agencies that formerly did not report. Beginning that month all interagency items, which are excluded here, are segregated in the Treasury statement (whereas they were only partially segregated in earlier reports), reporting of some other items is more complete than formerly, and total assets are shown on a net basis (after reserves for losses). The major classifications under assets are shown in the original reports on both a gross and a net basis; only the net figures are shown here. Data as of June 30, 1939-44, have been revised by the U. S. Treasury Department, insofar as possible, to conform to the classifications adopted September 1944. Prior to that month reserves against loans and valuation reserves were reported as "other liabilities" rather than as suspended credits to the respective asset items. No adjustment has been made for this change in reporting. The total amount of reserves deducted from assets for September 30, 1944, is \$772,000,000, including \$432,000,000 reserves against loans, \$184,000,000 for land, structures, and equipment, and \$156,000,000 for "all other assets."

Comparable data for the several classifications under loans have not been compiled for periods prior to September 1944. The content of the classifications is as follows: "Loans to aid agriculture" include farm mortgage loans, loans to agricultural credit corporations and to cooperative associations, crop, livestock, and commodity loans, and miscellaneous loans. They represent largely loans by Farm Credit Administration agencies, the Commodity Credit Corporation (including guaranteed loans held by lending agencies), the Farm Security Administration (loans transferred to Farmers Home Administration November 1946), and the Rural Electrification Administration. Loans of all Federal land banks are included, although by the end of 1946 all but one of these banks had retired the capital stock and paid-in surplus held by the U. S. Government. On June 26, 1947, the proprietary interest of the United States in these banks ceased and data for the banks are excluded thereafter. "Loans to aid home owners" include loans by the Reconstruction Finance Corporation and its affiliates, by the Housing and Home Finance Agency, and loans by the Home Owners' Loan Corporation and the Defense Homes Corporation (prior to July 1948). The latter two agencies are in liquidation. "Loans to railroads" are largely loans by the Reconstruction Finance Corporation. "Loans to aid industry" are largely loans by the Reconstruction Finance Corporation and its affiliates. "Loans to aid banks" include loans by the Reconstruction Finance Corporation and the Federal Deposit Insurance Corporation. "Loans to aid other financial institutions" represent loans to insurance companies and mortgage loan companies by the Reconstruction Finance Corporation and the Federal home loan banks. "Foreign loans" include loans by the Treasury, the Export-Import Bank, and the Reconstruction Finance Corporation.

Because of changes in reporting referred to above and differences in the classification of items, particularly in the classification of loans by purpose, only the data for loans to railroads and privately owned interests are comparable with data shown under assets and liabilities of Government corporations and credit agencies in Supplements prior to the 1947 issue. The revised figures for total assets and United States Government interests for June 30, 1939, do not differ materially from figures for that date in the earlier series. The latter item has been revised to include loans to Federal Reserve banks, amounting to \$28,000,000 on June 30, 1939, which were not reported previously; the further difference of \$20,000,000 between the revised figures for June 30, 1939, and the figure shown previously for this item represents a correction in the original report.

Quarterly data for 1945 and 1946 are shown in the 1949 Statistical Supplement (revisions for June 1946, in millions of

dollars: Commodities, supplies, and materials, 1,550; other securities, 439; land, structures, and equipment, 17,438; other liabilities, 4,939; U. S. Government interest, 22,889); data as of June 30 and September 30, 1944, appear in the 1947 volume.

² Total loans prior to September 1944 and the detail under loans (for all periods) are amounts before reserves (see note 1); reserves against loans are not completely segregated as to type of loans to which they are applicable; however, most of the reserves are held against agricultural loans. Beginning September 1944, loans include those guaranteed by the Commodity Credit Corporation, amounting to \$378,000,000 as of that month.

³ Data beginning 1944 are as of December 31; data prior to 1944 are as of June 30.

⁴ Data for commodities, supplies, and materials are included in figures for land, structures, and equipment.

⁵ Less than \$500,000.

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¹ See note 1 for p. 83.

² Compiled by the Reconstruction Finance Corporation; data cover the lending activities of this agency, which was organized in February 1932 by act of Congress. Beginning May 1947, figures are shown on a revised basis and are not available on a comparable basis prior to that date. The revised classifications reflect the outstanding loans and securities (at cost) reported by RFC according to its current lending activities. Changes in classes have been caused by liquidations, transfers, expansion of business enterprises, and new legislation.

The italicized figures shown for total loans prior to May 1947 (representing those on the old basis as published in the 1947 STATISTICAL SUPPLEMENT include loans made by the Smaller War Plants Corporation before its transfer to RFC for liquidation (formerly classed under "Business enterprises"); loans to and investment in capital stock of the RFC subsidiaries—namely, Federal National Mortgage Association, RFC Mortgage Company, and the U. S. Commercial Company (previously included in "national defense"); and loans to other Government agencies (previously included in "other financial institutions"). In the revised classification all such loans are excluded, since they are not strictly a part of the Corporation's lending activities, and, in lieu thereof, mortgages purchased by the RFC Mortgage Company and the Federal National Mortgage Association are included. These are shown here under the classification "mortgages purchased," together with mortgages partially guaranteed by the Veterans Administration and mortgages insured by FHA.

Securities of railroads and States, territories, and political subdivisions purchased from Public Works Administration are included in the statement under the designated subdivisions; these are not included in the total figures prior to May 1947. In June 1949 the railroad securities formerly purchased from PWA, through reorganization of a railroad, were reclassified under assets.

Loans to the United Kingdom and the Republic of the Philippines are shown by classification in the revised data instead of under "other loans" as previously. The loans to the Defense Homes Corporation (previously included in "national defense") are omitted from the revised figures until July 1948 when the equity in the mortgage loans of this Corporation was transferred to the RFC, and are since included in "other loans."

The total loans figure on the old basis for May 1947 is \$1,250,076,000 as compared with \$988,949,000 on the revised method of reporting. Data on the old basis giving year-end figures for 1935-40 and monthly figures for 1941-46 are shown in the 1947 STATISTICAL SUPPLEMENT with explanatory notes as to the classifications used in reporting the lending activities of the Corporation for this period. Data for each class shown include loans and authorizations for this purpose under all acts of Congress. Year-end figures for 1932-34 and monthly figures for 1938-40 for total loans and loans to railroads are available in the 1942 SUPPLEMENT. Only year-end figures have been compiled for the years prior to 1941 for the other classifications as given in the 1942 volume.

³ Data are as of December 31.

⁴ Data for "other" bonds, notes, and debentures are included with figures for those guaranteed by U. S.

⁵ See note 2 above.

⁶ Less than \$500,000.

⁷ Includes equity in mortgage loans of the Defense Homes Corporation. See fourth paragraph of note 2 above.

⁸ See last sentence of third paragraph of note 2 above.

⁹ Excludes holdings of Federal National Mortgage Association; this agency was transferred to the Housing and Home Finance Agency on September 7, 1950.

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¹ Admitted assets are those used in the determination of a company's statutory surplus.

² Compiled by the *Institute of Life Insurance, Division of Research and Statistics*. These data, representing 100 percent of the assets of all United States legal reserve life-insurance companies, are currently estimated on the basis of monthly reports received from 125 to 140 companies accounting for 92 to 100 percent of the totals on various items.

Assets for the accident and health business of life-insurance companies are included in the total assets of all companies (and of the 49 companies shown in adjacent columns on p. 85) but are only partially included in the data on securities and mortgages; however, in 1950 accident and health assets represented less than 1 percent of total assets of life-insurance companies.

End-of-year figures beginning 1935 and monthly figures for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT. End-of-year figures are available from the *Spectator Year Book* beginning 1890.

³ Compiled by the *Life Insurance Association of America* (formerly *The Association of Life Insurance Presidents*). Data cover reports of 49 legal reserve life-insurance companies which at the end of 1949 held about 89 percent of the assets of all such companies (see data for all companies shown in adjacent columns on p. 85). The data given are as of the end of each month and year and are designed to show the fluctuations in the various kinds of investments held by life-insurance companies. The classification "real estate" includes real estate sold on contract but does not include real estate owned subject to redemption. Foreclosed liens subject to redemption are included in "mortgage loans" and are not transferred to "real estate" until the redemption period is past. "U. S. Government bonds" includes both direct Government obligations and bonds of Federal agencies fully guaranteed by the U. S. Government. Bonds of Federal agencies not guaranteed by the U. S. Government are included in "other bonds and stocks." The classification "other admitted assets" includes collateral loans, bills receivable, interest due and accrued, and deferred and unpaid premiums.

End-of-year data for the 49 companies are available beginning 1906.

⁴ Data are as of the end of the year, not monthly averages.

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¹ Compiled by the *Life Insurance Agency Management Association*. Data represent the estimated total volume of new paid-for life insurance sold in the United States, exclusive of revivals, increases, dividend additions, annuities, and reinsurance from other companies. The data are based on monthly company reports which at the end of 1950 accounted for around 87 percent of the new ordinary insurance (80-85 percent in earlier years), 70 percent of the new industrial insurance, and 93 percent of the new group and wholesale contracts, and have been raised to represent total sales of all companies operating in the United States. For ordinary insurance, the reported data for each State are raised to a 100-percent basis and the State figures summed to obtain United States and regional totals. A ratio of the sales of the reporting companies to annual sales of all companies in each State, based upon 4 years' aggregate experience, was used to raise the reported monthly figures through 1944. From January 1945 through 1949, the ratios for raising the data are based on the average of only 2 years' experience, since it was found that use of a longer period tended to make the figures inaccurate in a State when the contributing companies showed a definite upward or downward trend. Beginning in 1950, a 1-year basis has been used. These ratios are revised each year on the basis of the latest year for which data are available. Details by States are given in the regular monthly reports of the compiling agency.

States comprising the geographic areas shown here are: New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; Middle Atlantic—New York, New Jersey, and Pennsylvania; East North Central—Ohio, Indiana, Illinois, Michigan, and Wisconsin; West North Central—Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; South Atlantic—Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia,

and Florida; East South Central—Kentucky, Tennessee, Alabama, and Mississippi; West South Central—Arkansas, Louisiana, Oklahoma, and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California.

Group (including wholesale) and industrial insurance are estimated for the United States only, using a raising factor based on the percentage of sales of reporting companies to all companies during a 2-year period.

Monthly data for 1941-46 for all series are shown in the 1949 and 1947 issues of the *Statistical Supplement*. (The figure for July 1945 for ordinary insurance, in the Mountain area, should read \$23,888,000.) Monthly averages for 1923-34 and monthly data for 1938-40 for ordinary insurance are available in the 1942 Supplement; for monthly data for 1930-37 see the 1940 volume and pp. 18-19 of the September 1937 Survey. Comparable monthly data for industrial and group insurance have been compiled only beginning 1940; monthly data for this year are available upon request. Data for ordinary and industrial insurance from the Association of Life Insurance Presidents, shown in earlier Supplements, are for reporting companies only and therefore are not comparable with data shown here.

² Includes a year-end upward adjustment not allocated by months or geographic regions. Adjustments are as follows (in thousands of dollars): 1947—total and total ordinary, 210,000; 1948—total, 455,000; group, 42,000; industrial, 50,000; ordinary, 363,000; 1949—total, 481,000; group, 52,000; industrial 52,000; ordinary, 377,000; 1950—total, 304,000; group, 113,000; ordinary, 191,000.

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¹ Compiled by the *Institute of Life Insurance*. The data represent estimated total payments to policyholders and beneficiaries in the United States, including payments by Canadian companies. They do not include payments made outside the United States by American companies. The estimates are based on reports from 125 to 150 companies covering 90 to 97 percent of the total and are adjusted to allow for companies not reporting. Data for death-claim payments include additional accidental death benefits. Surrender values include premium notes and liens voided by lapses.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *Statistical Supplement*.

² Compiled by the *Life Insurance Association of America* from reports of 39 companies which collected 74 percent of the premium income of all United States legal reserve life-insurance companies in 1949. The figures include both new and renewal premiums and considerations for annuities. Data for accident and health premiums were not collected by the compiling agency prior to January 1948.

Monthly averages for 1913-34 and monthly data for 1938-46 are available in the 1949, 1947, and 1942 issues of the *Statistical Supplement*; supplementary contracts involving and not involving life contingencies are included from 1913 to December 1925, inclusive; annuities are shown separately only beginning January 1930 but are included for all years. Data shown in the 1940 and earlier Supplements cover 40 companies but differ only slightly from data shown here for 39 companies. Monthly figures for 1921-37 for the 39-company series are available upon request.

³ Figures beginning January 1948 include accident and health premiums (not previously available) and, therefore, are not comparable with earlier data shown in italics.

⁴ Data reflect the cancellation of a large group contract and the return to the policyholder of the consideration formerly set aside to pay the annuity when due.

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¹ Compiled by the *Board of Governors of the Federal Reserve System* from the "Circulation Statement of United States Money," issued monthly by the Treasury. Figures are the gold stock at the end of the months and years indicated.

Until January 30, 1934, the gold stock of the United States consisted of gold coin in circulation in the United States and gold held by the Treasury and the Federal Reserve Banks, except gold held under earmark for foreign account. On that date, title to all gold owned by Federal Reserve Banks was transferred to the United States Government, while by a series of Executive Orders in 1933 gold coin was retired from circulation. Since January 30, 1934, the regular gold-stock figures for the United States have represented only gold held by the Treasury, exclusive of relatively small amounts held since April 1934 in

the Exchange Stabilization Fund, the figures for which are reported quarterly and on a delayed basis. The Federal Reserve Banks now hold gold certificates, or gold certificate credits on the books of the Treasury, which have been issued against the bulk of the Treasury's gold holdings. The reported gold stock also includes gold against which no certificates or certificate credits have been issued; i.e., the inactive portion of the Exchange Stabilization Fund's holdings (liquidated February 26, 1947), gold held against certain Treasury currency issues, and gold in the Treasury's General Fund, including from December 24, 1936, through April 13, 1938, amounts set aside by the Treasury in a special Inactive Account.

According to the original estimates of gold coin in circulation, based on payments of gold coin into circulation and withdrawals from circulation, reported imports and exports of gold coin, mintings, meltings, and gold coin used in the arts, the circulation figure on January 30, 1934, was \$287,000,000. Beginning January 31, 1934, however, this amount was excluded from the gold stock and from money in circulation. This was done primarily because private holdings had become illegal; but there was also reason to believe that much of the computed amount of gold coin in private hands had in fact been lost or taken out of the country by travelers.

The factors accounting for changes in gold stock are domestic production of gold, net gold imports or exports, and changes in the amount of gold under earmark. For several reasons the combined net movement of these factors in any given period may not correspond exactly to the reported change in gold stock in that period. There are usually various lags in the statistics as a result, for example, of delays in refining or assaying newly mined or imported gold; and net domestic consumption of gold in the arts and industry may affect the figures from month to month. There are also less regular influences which, when they occur, are generally of much greater importance. Of this character was the increase in the gold stock in February 1934 attributable to the devaluation of the dollar, the decrease in the gold stock in February 1947 resulting from the payment of the United States gold subscription to the International Monetary Fund, and—since April 1934—net changes in gold held in the United States by the active portion of the Stabilization Fund.

Year-end data for 1914-34 and monthly data for 1936-46 are available in the 1949, 1947, 1942, and 1940 issues of the STATISTICAL SUPPLEMENT; earlier monthly data are available upon request. The figures shown in these SUPPLEMENTS have been revised back to 1913 to exclude the \$287,000,000 of gold coin which was dropped on January 31, 1934, as explained above, in order to make them comparable with later data. The resulting figures for the earlier years probably understate somewhat the amount of gold coin held by the public but fluctuations in the total are not affected by the revision. The large increase in the figures in 1934 resulted primarily from the revaluation of the gold stock on the basis of the changed gold content of the dollar. The revaluation added \$2,806,000,000 to the gold stock on February 1, 1934.

² Statistics on exports and imports of gold are from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data on changes in the amount of gold held under earmark are from the Board of Governors of the Federal Reserve System. The amount of net release from earmark represents gold released from earmark at Federal Reserve Banks for foreign account, less gold placed under earmark for foreign account (with allowance when necessary for changes in gold earmarked abroad for account of Federal Reserve Banks). Beginning August 1946, figures include gold held for account of international institutions. The minus sign indicates an increase in earmarked gold. An increase in earmarked gold is the equivalent of net export and a decrease the equivalent of net import. Monthly averages beginning 1913 for exports and imports and 1916 for net release from earmark, and monthly data for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; earlier monthly figures beginning 1923 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Previously published figures for net release from earmark should be revised to read as follows (in thousands of dollars): April 1923, 1,000; May 1927, -35,452; June 1927, -36,748; July 1927, -23,116; December 1931, -22,913; June 1939, -104,846; July 1939, -163,961.

³ Compiled by Board of Governors of the Federal Reserve System. Data cover production in countries and areas for which monthly reports are available. Values are calculated at the rate of \$35 per fine ounce.

Figures for total gold production and for Africa, published in the 1947 STATISTICAL SUPPLEMENT, have been revised beginning 1938. Data for Africa now include the Belgian Congo, formerly reported (on unrevised basis) only through 1940. The revision in the total is due to this inclusion and also to the addition of data for Australia, other than Western Australia, not reported previously for 1944-46. The African total includes the Union of South Africa, West Africa (beginning 1944, Gold Coast only), Rhodesia, and the Belgian Congo. The data on production in the United States prior to July 4, 1946 include Philippine Islands production received in the United States; monthly figures are estimates of the American Bureau of Metal Statistics adjusted to accord with the annual estimates published by the United States Mint (in 1949, \$217,251 was subtracted from each monthly figure for the adjustment). The Canadian data are reported by the Dominion Bureau of Statistics; figures for 1950 are subject to official revision. Beginning with 1949, Canadian production includes production in Newfoundland. Other monthly reporting areas included in the figures for "total reported monthly" but not shown separately include, when available, reports from Mexico, Colombia, Chile, Nicaragua, India, and Australia. Of the important producers in the group, Mexico is not available monthly from April 1942 through December 1946; Australia is not available monthly prior to June 1945. Belgian Congo is not available monthly for 1938-46; therefore, monthly data for Africa for 1945 and 1946 have not been revised.

Monthly data for 1941-46 for Canada and the United States are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 for the total and for Africa, Canada, and the United States and monthly figures for Canada and the United States for 1938-40 appear in the 1942 SUPPLEMENT. For earlier monthly data see pp. 11 and 12 of the March 1940 SURVEY and the 1940 SUPPLEMENT. It should be noted that data prior to 1934 shown in these volumes are computed at the rate of \$20.67 per fine ounce.

⁴ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Monthly averages for 1913-34 and monthly figures for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; monthly figures for 1923-37 are shown in the 1940, 1938, 1936, and 1932 volumes (revisions: 1925, imports, in thousands of dollars—January, 7,339; February, 4,929; March, 6,661; April, 4,945; 1930, December, 2,660).

⁵ Silver prices are daily averages for the month as compiled by *Handy and Harmon* and reported in "Metal and Mineral Markets," a weekly news service of the Engineering and Mining Journal. Quotations are per troy ounce 0.999 fine on the basis of market prices for bar silver in amounts of 50,000 ounces or more for nearby delivery, New York. Quotations prior to July 1946 are for foreign silver or silver not eligible for sale to the U. S. Government. Beginning July 1946, they apply also to domestic and Treasury silver if such silver enters into New York market transactions.

On April 24, 1935, the U. S. Government price of newly mined domestic silver was established at \$0.7757 per fine ounce. Subsequent changes in the Government price for such silver were as follows: \$0.6464 from December 31, 1937 to July 1, 1939; \$0.7111 from July 1, 1939 to July 2, 1946; \$0.905 since July 2, 1946.

Monthly averages for 1913-34 and monthly figures for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT; monthly figures for 1923-37 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revisions: January 1923, \$0.657; July 1933, \$0.376).

⁶ Compiled by the Department of Trade and Commerce, Dominion Bureau of Statistics, Chemical Branch. The data cover silver in all forms from Canadian ores, including a small amount of silver in United States ores treated. The accounting is on the basis of either refinery production or silver in base bullion and in blister or converter copper produced, plus silver in ores and concentrates exported. Figures beginning 1949 include production in Newfoundland. Monthly averages beginning 1913 and monthly figures for 1938-46 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Monthly figures prior to 1938 shown in earlier SUPPLEMENTS are from the American Bureau of Metal Statistics and are not in agreement with the monthly averages shown in the 1940 SUPPLEMENT and later issues.

⁷ Compiled by the American Bureau of Metal Statistics. Data for the United States represent production of refined silver in commercial bars, 0.999 fine, or other refined forms,

by United States refineries (from material of domestic origin) plus receipts of crude silver by the United States Mint, the latter representing only a small portion of the total. Refined forms other than bars comprise shot, crystal, etc.; these are relatively unimportant. Production in the Philippine Islands is included in the United States figures through the year 1943 and for 1945. Reports of the compiling agency give also silver production from foreign material; the separation between silver of foreign and domestic origin is only approximate.

Production for Mexico in general is based on refined silver bullion, plus silver content of ores, etc., exported. The 1942-1947 and 1949 monthly averages are based on the Mexican official figures for these years and differ from the averages of the monthly figures, which are in part estimated. Monthly data are not available for 1942-July 1946; the monthly averages are based on annual totals and, for 1943-45, are partly estimated.

Monthly averages beginning 1913 for the United States and 1921 for Mexico and monthly figures for 1938-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. For monthly figures for 1923-37 see the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revisions for United States, in thousands of fine ounces: 1923-July, 5,986; September, 4,901; October, 5,014; November, 5,249; December, 5,140; 1924-December, 5,674).

⁸ Monthly averages for 1942-46 include the following amounts (monthly averages based on annual totals) for which monthly distribution is not available: Mexican production, 1942, \$2,335,000; 1943, \$1,838,000; 1944, \$1,482,000; 1945, \$1,456,000; 1946, \$1,226,000; adjustments in Australian and Nicaraguan production, 1943, \$2,000.

⁹ Includes revisions not distributed in monthly data.

¹⁰ Revised monthly data for 1945 and 1946 on total gold production are not available. Monthly averages shown for 1945 and 1946 are based on revised annual totals.

¹¹ Figures beginning 1949 include production in Newfoundland.

¹² Not presently available.

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¹ Compiled by the U. S. Treasury Department. Data are as of the end of the year or month indicated. They include all coin and paper currency of the United States, except money held by the Treasury, money held by or for the account of the Federal Reserve Banks and agents, and coin estimated to be held outside the continental limits of the United States. Paper currency held outside the continental limits of the United States is included. The figures represent, therefore, not only money held by the public but vault cash held by banks and such United States money as may have been carried abroad, other than silver coin known to have been exported and gold coin. The latter has been excluded for all years, since title to all gold and gold coin was vested in the United States under the Gold Reserve Act of 1934 and private holdings became illegal after January 30, 1934.

Year-end figures for 1914-34 and monthly figures for 1936-46 are shown in the 1949, 1947, 1942 and 1940 issues of the Statistical Supplement; monthly figures 1914-35 are available upon request. Figures originally published for the period through January 1934 have been revised to exclude \$287,000,000 of gold coin for the reason explained in the third paragraph of note 1 for p. 88.

² Compiled by the Board of Governors of the Federal Reserve System. Figures represent deposits at all banks in continental United States and currency outside banks, and provide an indication of the total volume of the means of payment outstanding in the country. Data have been adjusted to show as nearly as possible separate information on the privately held money supply. Foreign bank deposits, net, represent deposits of foreign banks less balances with banks in foreign countries. Figures for U. S. Government balances include Treasury cash and deposits at commercial, savings, and Federal Reserve banks. Demand deposits adjusted include all demand deposits at commercial banks (except interbank and U. S. Government deposits) less cash items in process of collection, commonly called "float". Time deposits include all time deposits at commercial banks (except interbank deposits, postal savings redeposited in banks, and U. S. Government time deposits), at mutual savings banks, and the deposits of the postal savings system (both amounts redeposited at banks and amounts not so redeposited). Data for currency outside banks represent total currency in circulation (i.e., outside the Treasury and Federal Reserve Banks) less vault cash held by commercial banks.

Through 1942 the figures are available only for June or June and December call dates. Beginning 1943, estimates have been made for the other months and are rounded to the nearest 100 million dollars. These monthly estimates are based on end-of-month reports for all member banks beginning December 1945. Prior to that month, estimates were based on averages of daily figures reported semimonthly by member banks, averaging reports for the last half of the month and the first half of the following month. Estimates for nonmember banks were based on such reports for country member banks. The monthly data are adjusted to June and December data for all banks based on reports to the Board of Governors of the Federal Reserve System, the Comptroller of the Currency, and the Federal Deposit Insurance Corporation.

June figures for 1941-42, and monthly figures for 1943-46 for total deposits and currency, demand deposits adjusted, time deposits, and currency outside banks are shown in the 1949 and 1947 issues of the Statistical Supplement. The following data are available upon request: June figures for 1892-1940 and December figures for 1923-34 for the aforementioned series; data for June 1929-46 and December 1929-34 for total deposits and currency, foreign bank deposits (net), and U. S. Government balances.

³ Compiled by the Board of Governors of the Federal Reserve System. The rate of turnover of bank deposits is computed from data for weekly reporting member banks in leading cities, described in note 2 for p. 77, and is based on the relationship between total deposits of individuals, partnerships, corporations, States, and political subdivisions and debits as reported to those identical accounts. Deposits used in the computations are averages of the four or five Wednesday figures falling within the month. Total debits for calendar months are calculated from weekly totals; the figures for a week falling in 2 months are prorated on the basis of the number of business days of the week falling in each month. For a given month, debits are divided by the number of business days in the month and multiplied by the number of business days in the year, with allowance for generally observed holidays—January 1, February 22, May 30, July 4, Labor Day, November 11, Thanksgiving, and Christmas. The annual rate of debits thus derived is divided by the monthly average deposits to obtain the annual rate of turnover for the month.

Beginning in July 1946, data for banks in leading cities were reported on a revised basis (see note 2 for p. 77), and the turnover rates as shown here are revised accordingly. Data for the first 6 months of 1946 are partly estimated. For a complete description of the revision see the Federal Reserve Bulletin for June 1947, pp. 692-693.

Monthly data for 1946 (new basis) are shown in the 1949 STATISTICAL SUPPLEMENT; monthly data for 1941-46 (old basis) are shown in the 1947 volume. Monthly figures for 1935-40 are available upon request. Annual data beginning 1919 for a slightly different series are available in "Banking and Monetary Statistics", published by the compiling agency.

⁴ Compiled by the Board of Governors of the Federal Reserve System. Data are based on reports of 200 manufacturing corporations, each with end-of-1946 total assets of 10 million dollars and over, and which together accounted for roughly one-fourth of the sales and profits of all manufacturing companies in 1946. The coverage for certain industries, however, is limited and data, therefore, cannot be used to estimate the universe of manufacturing corporations.

Profits data are before the deduction of dividends and after the deduction of all charges, including depreciation, interest, special reserves charged as expense, and all taxes. These data are based on published company reports to stockholders, adjusted to reflect current operations. The reported figures, therefore, have been adjusted to exclude (1) tax credits applicable to prior years, (2) transfers to reported profits of reserves previously set aside, (3) nonrecurring profits from the sale of property and other assets, and (4) intercorporate dividends when large. The reported figures have been further adjusted to include as profits such items as (1) funds set aside out of current earnings for surplus reserves (for example contingency, inventory, and special depreciation), (2) funds deducted for payments of prior-year taxes, and (3) other special charges not related to current operations.

Dividend payments include those on both preferred and common stocks. They are computed from published data on the number of shares outstanding and on dividends per share.

The present series on 200 corporations replaces data shown in the 1949 STATISTICAL SUPPLEMENT and earlier volumes, covering profits of 629 industrial corporations and dividends of 152 industrial corporations. Statistics for the present

series are not available prior to 1939; they have been compiled on a quarterly basis since 1946 only (see p. 23 of the June 1950 SURVEY for the 1946 quarterly figures).

⁵ Figures include data for 25 corporations not shown by industry classifications as follows: Building materials (12); transportation equipment other than automobiles (6); and miscellaneous (7).

⁶ Data for money supply are as of December 31; those for profits are quarterly averages.

⁷ Based on revised data; see second paragraph of note 3 for this page.

⁸ Minus sign denotes deficit.

⁹ Preliminary.

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¹ See note 4 for p. 89.

² Figures include data for 26 companies not shown by industry classification as follows: Textile-mill products (10); paper and allied products (15); and miscellaneous (1).

³ Compiled by the Board of Governors of the Federal Reserve System. Figures refer to income after all charges and taxes and before dividends. These data are for Class A and Belectric utilities, including affiliated nonelectric operations. They cover about 95 percent of all electric-power operations. Quarterly data are available only beginning 1940; data for that year are as follows (millions of dollars): First quarter, 148; second quarter, 128; third quarter, 123; fourth quarter, 149. Quarterly figures for 1941-45 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Revised 1946 data (first to fourth quarter, respectively) are as follows, in millions of dollars: 193; 149; 141; 155.

⁴ Compiled by the Commercial and Financial Chronicle. Included in the series are all capital issues which are publicly listed as being for sale, except bank loans and United States Treasury issues. Securities sold at private sale are included when the compilers are aware of such a sale. Securities of any character issued to retire other outstanding securities are classified as refunding. "Domestic issues" include securities sold by all companies incorporated in the United States or its territories, regardless of where the funds may be spent. "Foreign issues" include only that part of an issue of a foreign company which is floated in the United States. The classification "Federal agencies" includes issues for which the United States Treasury acts as fiscal agent, such as those of the Federal intermediate credit banks, the Federal Farm Mortgage Corporation, the Federal land banks, the Home Owners' Loan Corporation, the Federal home loan banks, and the Reconstruction Finance Corporation. In recent years this item has consisted of issues by the Federal intermediate credit banks and the Federal home loan banks, since the U. S. Treasury Department, in October 1941, adopted the policy of providing funds for agencies which had formerly financed their needs through sale in the market of obligations guaranteed by the United States. The item "Municipal, States, etc.," contains financing of all political subdivisions in the United States, but does not include temporary loans or loans obtained directly by States and municipalities from Federal agencies. The compilers state, however, that the latter issues are generally absorbed by one of several Federal agencies, and are reflected in these statistics when they are later sold by the original purchaser in the private investment market. Data on long-term State and municipal issues compiled by The Bond Buyer and shown on p. 93 include loans to States and municipalities by Federal agencies. "Foreign" comprises flotations in American markets of bonds of foreign corporations and bonds of foreign governments and their political subdivisions. Issues of United States territories and possessions are included with foreign issues. However, issues of corporations in these places are included with the domestic corporate issues.

Monthly averages are based on annual totals, reported by the compiling agency, which may not include some revisions of the monthly figures.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revisions—millions of dollars—May 1944: Total securities issued, 413; corporate refunding, 183; 1946: Total securities issued, July, 985; August, 590; September, 445; October, 574; new capital—total, July, 500; August 432; September, 243; October, 367; domestic—total, July, 500; September, 243; October, 367; corporate, October, 271; Federal agencies, July, 7; municipal, State, etc., September, 71; foreign, August, 0; monthly average, 0). Monthly averages for 1919-40 and monthly figures for 1936-40 are shown in the 1942 and 1940 Supplements. Monthly figures for

1919-35 appear on pp. 14-21 of the February 1938 SURVEY and p. 21 of the April 1938 issue.

⁵ Data for profits and dividends are quarterly averages.

⁶ Less than \$500,000.

⁷ Includes \$250,000,000 of issues of the International Bank for Reconstruction and Development, not shown separately.

⁸ Based on data including issues stated in note 7 above.

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¹ See note 4 for page 90.

² Compiled by the Securities and Exchange Commission. Data represent new securities offered for cash by all classes of issuers. The series include flotations irrespective of whether the issues were publicly or privately placed and regardless of whether they were registered under the Securities Act of 1933. The statistics thus embrace certain corporate and noncorporate issuing groups exempt from registration under the Securities Act of 1933, by virtue either of the nature of the transaction or issuer, such as securities of common carriers, issues placed privately, and Federal, State, and local government issues. In general, the data on new offerings cover issues over \$100,000 in amount and, in the case of debt issues, of a maturity of more than one year that are reported as offered for cash in the financial press, in documents filed with the Commission, or in other available sources. Omitted from the statistics are issues which do not appear in the financial press (largely securities sold through continuous offering, such as issues of open-end investment companies), intercorporate transactions; U. S. Government "special issues" and interagency sales, notes issued exclusively to commercial banks, and parts of issues known to have been sold outside of the United States. The figures represent offerings, not actual sales. However, the proportion of the total remaining unsold is believed to be quite minor, and is composed chiefly of nonunderwritten issues of small companies.

Estimated gross proceeds are derived by multiplying the principal amounts of units by offering prices, except for municipal issues for which principal amounts are used. Net proceeds represent estimated gross proceeds less estimated cost of flotation.

Definitions of the various classifications which are not self-explanatory, are as follows: The public-utility group, beginning 1948, comprises electric light and power, gas, and water; prior thereto, telephone and telegraph, pipelines, and street railway companies were also included. The figures for total net proceeds shown for the manufacturing group on p. 92, and for the public-utility, railroad, communication, and real-estate and financial groups on p. 93 include, in addition to amounts for new money and retirement of debt and stocks, amounts to be used for other purposes not shown separately. "United States Government" issues include United States Government direct and guaranteed issues; only issues to the public are included, the United States Government "special issues" (issues to trust funds and government agencies) and other interagency sales being excluded; sales of Treasury bills also are excluded because of their short-term maturity. "State and municipal" issues include all governmental subdivisions and issues of United States territories and possessions and are as compiled by the Commercial and Financial Chronicle.

These data compiled by the Securities and Exchange Commission differ in several respects from the series compiled by the Commercial and Financial Chronicle also included in the SURVEY. As stated above, gross proceeds in the former are based on offering price while the Chronicle data are based on offering price in the case of preferred stock of no par value and all classes of common stock, but represent par amount for bonds, notes, and preferred stock of a stated par value. The Chronicle frequently includes entire issues offered in exchange for outstanding securities where only unexchanged balances are offered for cash sale, while the Commission includes only the balances of such issues actually sold for cash. Among the more important differences in coverage are the following: The Securities and Exchange Commission's data include United States Treasury issues excluded from the Chronicle series; the corporate group in the Commission's series includes foreign corporate issues offered in the United States while the Chronicle's series covers only domestic corporate issues. The classification of issues by purpose also differs in the two series. The Chronicle allocates proceeds either as being for refunding purposes or nonrefundng purposes (new capital), including in the latter category all uses except retirement of funded debt and preferred stock.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1934-40 are available upon request (figures for corresponding period as shown in the 1942 Supplement have since been revised).

³ Less than \$500,000.

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¹ See note 2 for p. 91.

² Less than \$500,000.

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¹ See note 2 for p. 91.

² Compiled by *The Daily Bond Buyer*. Data represent sales of securities, including long-term refunding issues, by States and municipalities in the United States and bonds of United States territories and insular possessions and municipalities therein. Included in long-term loans are Public Works Administration loans and Reconstruction Finance Corporation loans to States and municipalities as follows (thousands of dollars): Public Works Administration loans—1935, 20,869; 1936, 18,125; 1937, 50,923; 1938, 48,783; 1939, 19,134; 1940, 2,320; 1941, 1,300; 1942, 1,000; Reconstruction Finance Corporation loans—1935, 58,162; 1936, 37,648; 1937, 57,625; 1938, 105,443; 1939, 38,653; 1940, 12,017; 1941, 159,109; 1942, 12,867; 1943, 1,000; 1944, 500; 1945, 800; 1946, 13,500; 1947, 18,420; 1948, 13,777; 1949, 48,733; 1950, 1,624. Also included are U. S. Housing Authority note and bond issues as follows (thousands of dollars): Long-term, bonds—1940, 21,569; 1941, 22,388; 1942, 88,978; 1943, 60,558; 1944, 12,799; 1945, 2,956; 1946, 18,950; 1947, 4,366; 1948, 65,770; 1949, 143,300; 1950, 59,210; short-term, notes—1939, 50,671; 1940, 495,858; 1941, 392,135; 1942, 426,298; 1943, 287,180; 1944, 228,447; 1945, 249,790; 1946, 339,039; 1947, 412,927; 1948, 495,540; 1949, 769,831; 1950, 886,662.

A comparison of these figures with those for municipal, State, etc., issues compiled by the Commercial and Financial Chronicle and shown on pp. 90 and 91 of this Supplement indicates that the differences between the two series are to a large extent due to the exclusion from the Chronicle data of short-term loans and the Federal-agency loans previously mentioned.

Monthly averages for 1913-34 and monthly figures for 1938-46 are shown in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1923-37, except April 1927 and 1934-35 figures for short-term issues, are available in the 1938, 1936, and 1932 Supplements (the October and November 1930 figures for long-term issues in the latter volume are reversed and April 1927 figure for short-term issues should be 67,252). Revised monthly figures for 1934-35 for short-term issues are available upon request.

³ Less than \$500,000.

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¹ Compiled by the U. S. Department of Agriculture, *Commodity Exchange Authority* (formerly the Grain Futures Administration or Commodity Exchange Administration). Data represent volume of trading in wheat and corn futures for all contract markets combined, compiled from required daily reports from exchange clearing members. Figures are for the following markets whenever trading occurred: Wheat—Chicago Board of Trade, Chicago Open Board of Trade, and the Minneapolis, Kansas City, Duluth, St. Louis, Milwaukee, Seattle, Portland, and Hutchinson exchanges; corn—Chicago Board of Trade, Chicago Open Board of Trade, and the Minneapolis, Kansas City, St. Louis, and Milwaukee exchanges. There has been no trading on some of these markets in recent years.

Monthly averages for 1921-34 and monthly figures for 1934-46 are available in the 1949, 1947, 1942, 1940, and 1938 issues of the STATISTICAL SUPPLEMENT (see notes in the latter three volumes for source of data prior to 1924). Monthly data for the period 1921-35 shown on p. 20 of the March 1936 issue of the SURVEY are correct except for the following revisions (bushels): Corn—July 1932, 98,283,000; wheat—June 1930, 1,377,342,000 and May 1934, 1,045,805,000.

² Compiled by the Board of Governors of the Federal Reserve System. The data are as of the end of the month or year specified and are based on the reports of member firms of the New York Stock Exchange carrying margin accounts for customers. It is estimated that these firms supply at least 90 percent of the credit that is extended to customers by all brokers and dealers in securities in the United States. The principal items published in the Federal Reserve Bulletin are reproduced

here. "Customers' debit balances" represent credit extended by the reporting brokers to their customers. Data exclude credit extended to other member firms of the New York Stock Exchange, to member firms of other national securities exchanges, and to the firms' own partners. Figures given are "net," i.e., after deduction of offsetting credit balances in individual accounts. "Cash on hand and in banks" represents the cash resources of reporting brokers, including cash segregated for the benefit of customers. "Money borrowed" includes all borrowings on all types of collateral by member firms of the New York Stock Exchange carrying margin accounts for customers, except borrowings between firms. A series on loans to brokers by weekly reporting member banks in leading cities appears on p. 78. "Customers' free credit balances" represent cash balances due from brokers to customers who are in no way obligated to such brokers.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly figures beginning 1934, or the earliest month available, appear in the 1942, 1940, and 1938 volumes. Year-end figures for 1918-34 for an earlier series on brokers' borrowings are also shown in the 1942 SUPPLEMENT (see note in that volume) and corresponding monthly figures are in the 1936 and 1932 issues.

The monthly Federal Reserve Bulletin gives further details including customers' "net" credit balances, debit and credit balances in partners' and firm investment and trading accounts, and ledger credit balances in capital accounts. A detailed description of the data and monthly figures beginning 1931 for some items appear in "Banking and Monetary Statistics" published by the compiling agency.

³ Computed by the *New York Stock Exchange*. Data represent the average price of all bonds listed on the exchange as of the end of each month, computed from the data on market value and par value of all listed bonds shown herein on p. 95. Beginning July 1947, averages for total listed bonds include data for bonds of the International Bank for Reconstruction and Development not shown separately. Annual figures are averages of the 12 monthly figures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly data for the period December 1924-40 appear in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Compiled by *Standard and Poor's Corporation*. Prices are a composite of data for high-grade corporate bonds (including industrial, utility, and railroad) and are a conversion of yield indexes, based on the yield to maturity of each bond and assuming a 4-percent coupon with 20 years to maturity. Data are available beginning 1900. From April 1937 to date, prices are averages of weekly data for 17 A1+ bonds; from January 1929 to March 1937, data are based on a varying group of A1+ bonds, one price monthly (first of month) being used; from January 1900 to December 1928, data are based on the mean of the monthly high-low price of 45 high-grade corporate bonds.

⁵ Compiled by *Standard and Poor's Corporation*. Data are based on Wednesday closing prices. An arithmetic average of yields to maturity for the 15 high-grade municipal bonds is first computed (see p. 96 for the yield series). The resulting series is then converted to a price basis using bond yield tables. A 4-percent coupon with 20 years to maturity is assumed.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly figures for 1913-40 are available upon request.

⁶ Compiled by the Board of Governors of the Federal Reserve System. Monthly data are averages of daily figures. Beginning November 1941 the price index includes all taxable bonds due or callable in 15 years or more and is a straight average of the market prices of the bonds. There was only one issue of taxable bonds within the maturity range prior to October 20, 1941 (taxable bonds were first issued in March 1941). The index through October 1941 relates to long-term partially tax-exempt bonds; it is calculated to show the approximate trend of prices of a representative bond of unchanging coupon rate and maturity, rather than an average of actual market quotations which varied widely because of differences in coupon rates and maturities of the issues included. The price index for this earlier period is derived from the average yield series of long-term partially tax-exempt bonds due or callable in 15 years and over shown on p. 92 of the 1947 STATISTICAL SUPPLEMENT, by calculating the price at which the "representative bond" would sell to return the average yield; the calculation (for January 1931-October 1941) is on the basis of a 2-3/4 percent 16-year bond.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1931-34 appear in the 1942 SUPPLEMENT and monthly figures for January 1931-November 1935 are available on p. 17 of the December 1940 SURVEY. All figures shown in the December 1940 SURVEY and the 1942 SUPPLEMENT are based on average yields of bonds due or callable in 12 years or more, while the series shown in the present and the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT are based on yields of bonds due or callable in 15 years or more; the two series, however, were identical for the January-November 1935 period. Monthly data for December 1935-December 1940 for the current series, and monthly data for 1919-30 calculated on the basis of a 4 percent 16-year bond and derived from a yield series for bonds due or callable after 8 years (1919-25) and after 12 years (1926-30), are available upon request. The January 1931 figure on the basis of a 4 percent 16-year bond is 110.0; on the basis of a 2-3/4 percent 16-year bond it is 94.4.

⁷ Average for 6 months, January-June.

⁸ Average for 4 months, September-December.

⁹ Data beginning July 1947 include bonds of the International Bank for Reconstruction and Development not shown separately.

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¹ Compiled by the *Securities and Exchange Commission* on the basis of trades cleared during the calendar month. Clearances are usually effected 2 days after the actual trading date. The reports are from all registered exchanges, but most of the sales are made on the New York Stock Exchange (for which figures are given separately) and on the New York Curb Exchange. Data include sales of mortgage certificates and certificates of deposit.

These figures cover all sales on registered exchanges, except that they exclude for January to March 1935 stopped sales on the New York Stock Exchange and New York Curb Exchange and since March 1944, United States Government issues. Figures for the New York Stock Exchange excluding stopped sales throughout are shown in the series described under note 2 for this page.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; earlier monthly data beginning October 1935 are shown in the 1942, 1940, and 1938 SUPPLEMENTS and are correct except as follows (thousands of dollars): Market value, all exchanges, 1935—March, 349,657; April, 319,926; August, 323,441; and September, 271,505; and face value, March 1937—all exchanges, 494,975; New York Stock Exchange, 442,012.

² Compiled by the *New York Stock Exchange*. Data represent volume (par value) of bond sales on the New York Stock Exchange, as reported on the ticker, computed as of the trading date. Stopped sales and other sales not reported on the ticker are excluded. Beginning July 1947, total sales and the total sales other than U. S. Government include bonds of the International Bank for Reconstruction and Development not shown separately.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the Statistical Supplement; monthly averages beginning 1913, or the earliest year available, and monthly figures for 1936-40 are shown in the 1942 and 1940 SUPPLEMENTS; monthly data for 1913-35, where available, are given on pp. 18-19 of the December 1937 SURVEY.

³ Compiled by the *New York Stock Exchange* to show the price movements of bonds on the exchange and the growth in the securities listed. The market values are based on bid prices as of the close of the last market session of the month or, if bid prices are not available, on asked quotations or last sale prices. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly data beginning December 1924 are available in the 1942, 1940, 1938, 1936, and 1932 volumes.

⁴ Data beginning July 1947 include bonds of the International Bank for Reconstruction and Development not shown separately.

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¹ Compiled by *Moody's Investors Service*. These averages were set up in 1928 to include 10 bonds of each rating (Aaa, Aa, A, and Baa) for each group (railroad, public utility, and industrial), making 120 bonds in all. Since January 1, 1935, however, there has not been a full set of 10 bonds in some rating classifications because of the limited number of suitable issues. At that time the Aaa industrials contained only

7 bonds and the Aa industrials only 6 bonds, compared with 10 bonds in each of the other rating classifications; the total number of bonds was therefore 113. On December 1, 1950, there were 101 bonds used, distributed in each group as follows: Railroad—5 Aaa, 5 Aa, 10 A, and 10 Baa bonds; public utility—10 Aaa, 10 Aa, 10 A, and 10 Baa bonds; and industrial—5 Aaa, 6 Aa, 10 A, and 10 Baa bonds.

Occasional substitutions in the bond list have been made when ratings have been changed, when a bond has been called, when a bond sold too far above its call price, or because of approaching maturity. Suitable adjustments (usually small), which are gradually amortized, are introduced to prevent such substitutions from impairing the comparability of the series. No convertible or other unusual issues are included. The average maturity on December 1, 1950, was 25.37 years.

Averages are computed as follows: A daily yield based on the closing price for each individual bond is first computed and then unweighted arithmetic averages of these yields are compiled for the different rating classifications. The corporate averages by ratings (Aaa, Aa, A, and Baa) and the group averages (railroad, public utility, and industrial) are compiled by averaging these rating-classification yields. Thus each rating group enters into the over-all averages on the same basis whether it contains 10 bonds or less. The over-all corporate yield average is the average of the four rating classifications (Aaa, Aa, A, and Baa) and is also the average of the three groups (railroad, public utility, and industrial). The monthly series are averages of daily figures and the annual series are averages of 12 monthly figures. Comparable weekly data are shown regularly in the Weekly Supplement to the SURVEY.

In addition to the series shown here, averages by ratings are available for the railroad, public-utility, and industrial groups.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1919-34 and monthly figures for 1938-40 are available in the 1942 volume; for earlier monthly figures beginning 1919, see the 1940 and 1938 SUPPLEMENTS and pp. 19-20 of the November 1937 SURVEY. It should be noted that 60 bonds were used in the averages prior to 1928.

² Compiled by *The Bond Buyer*. Data for the most part relate to bonds of 20 large cities and represent the yield of a representative bond, having a maturity of about 20 years and selling at a price close to par. Originally the series included bonds of the 20 largest cities (excluding Washington, D. C.). Substitutions in the list of cities have been made from time to time, as some cities paid off the bulk of their debts or for many years had no debt outstanding with a sufficiently long maturity. In January 1940, bonds of one State and of the Port of New York Authority and the Metropolitan Water District (long) were substituted for three city bonds. Two State bonds are included for 1941-45, three beginning 1946, and four beginning in 1948. Data were compiled as of the first of each month through December 1, 1946, and are shown as of the end of the preceding month. Subsequently, data have been compiled as of Thursday of each week and the figures shown here are for the Thursday nearest the end of the month (either the last Thursday of the given month or first Thursday of the following month).

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT (see note in that volume with regard to the averages for 1913-16); monthly figures for 1923-37 are given in the 1940, 1938, 1936, and 1932 Supplements.

³ Compiled by *Standard and Poor's Corporation* (formerly by *Standard Statistics Co., Inc.*). The series is an arithmetic average of yields to maturity of 15 high-grade municipal bonds. The yields are based on Wednesday closing prices and are averages of the four or five weekly figures for the month. The yield series is used to compute the price data for municipal bonds shown on p. 94.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly figures for 1938-40 are shown in the 1942 volume. Monthly figures for 1923-37 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revisions: 1930—January, 4.22; 1931—July, 3.85; August, 3.83; September, 3.91; October, 4.35; November, 4.42; December, 4.64).

⁴ Compiled by the *U. S. Treasury Department*. The data are averages of daily figures computed on the basis of the mean of closing bid and asked quotations on the over-the-counter market. The series consists of Treasury bonds neither due nor

callable for 15 years or more, and are those the interest on which is subject to both normal and surtax rate of the Federal income tax. Monthly figures for October 1941-December 1946 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Data (through December 1945) on partially tax-exempt bonds are shown in the 1947 Supplement and earlier volumes.

⁵ Compiled by the U. S. Department of Commerce, Office of Business Economics. Data represent cash dividends paid by all companies for which reports are included in Moody's *Dividend Record*. The amount paid by each company is computed by multiplying the dividend rate per share as reported in the *Dividend Record* by the number of shares outstanding as reported in Moody's *Manual of Investments*. Cash dividends paid on both preferred and common stock are included.

Stock dividends are excluded from the series. In cases in which the shareholder is offered a dividend payment in either stock or cash, it is assumed that the corporations make the offering of stock sufficiently attractive to induce most of the shareholders to accept the stock. Consequently, such dividends are omitted. Liquidating dividends are also excluded, since they represent a repayment of capital investment rather than a disbursement of earnings. Dividend payments by companies incorporated outside the United States and its possessions are eliminated.

Data are on a gross basis; that is, intercorporate dividend payments have not been excluded.

The corporations have been classified by industrial groups in accordance with the 1942 edition of the Standard Industrial Classification Code, developed by the Division of Statistical Standards, Bureau of the Budget; the classification is based on the major peacetime activity of the corporations. The miscellaneous group includes agriculture, contract construction, transportation other than railroads, public utilities other than heat, light, and power, and motion pictures and other services.

The number of corporations included has increased from nearly 4,500 in 1941 to over 5,500 in 1950. Publicly reported dividend payments in 1947, for example, amounted to about 64 percent of cash dividend payments as reported for that year in *Statistics of Income*, based on corporation tax returns, issued by the Bureau of Internal Revenue. The relationship of the publicly reported series to the *Statistics of Income* totals varies considerably from industry to industry. It should be made clear that no attempt is made to maintain a conventional sample, either in the sense of identical firms from year to year, or in the sense of representing a constant proportion of a changing universe. Although the increase in the number of companies included over time is probably due in part to a genuine increase in the number of corporations in the universe, it is likely that improvement in availability of dividend reports to Moody is an even more important factor.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

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¹ See note 5 for p. 96.

² Computed by Moody's *Investors Service*. The 200 stocks used in deriving the averages represent, for the most part, an identical list, except in the public-utility group. Because of the elimination of many utility holding companies and the consequent wider distribution of operating-company shares, a new list of 24 operating electric utilities was included beginning in 1946 and was chained to the average of the old list (revised to reflect the operating companies only, over the years 1942-45). The result is a continuous series, representing combined holding and operating companies prior to 1942 and operating electric companies thereafter.

Dividends are at annual rates and are determined at the end of each month on the basis of each company's most recent declaration. These dividends are multiplied by the number of each company's common shares outstanding and the products are added to obtain aggregate values (for the 200 companies and for companies in each industry), which are then divided by the total number of shares outstanding to obtain the per-share figures. The number of shares by which each group was divided to get the per-share figures as of December 31, 1946, was the actual number of shares outstanding at that time. For prior years the number of shares outstanding as per companies' balance sheets was used, adjusted for stock splits, etc., so as to be comparable with the number outstanding December 31, 1946; for subsequent periods the number of shares outstanding is also adjusted for comparability with data at the end of 1946.

Individual stock prices at the end of each month are used as the basis for deriving per-share prices. Earnings are net after taxes and contingencies less preferred dividend requirements (whether actually paid or not). Data (except for utilities) represent quarterly earnings (partly estimated for industrials) at annual rates; for utilities, they are for 12 months ended each quarter. The method of computing per-share data on stock prices and earnings is similar to that used for dividends.

Yields are obtained by dividing per-share dividends by per-share prices.

Monthly data for 1945-46 (except for public utility) are shown in the 1949 STATISTICAL SUPPLEMENT; monthly figures for 1924-44 for the total, industrial, railroad, bank, and insurance stocks and through 1946 for the public-utility stocks are available upon request. Figures for public-utility stocks have been revised since publication in the 1949 STATISTICAL SUPPLEMENT to exclude American Telephone and Telegraph Company Stock; this stock, however, is included in the total.

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¹ See note 2 for p. 97.

² Compiled by *Standard and Poor's Corporation*. Yields are computed for each of 11 high-grade noncallable issues (14 in August and September 1948 and 15 prior thereto), including public utility as well as industrial preferred stocks. The group yield is determined from the average of the nine median yields. The indexes are based on one price weekly with the monthly index computed from the average of the four or five weekly indexes of the month. Throughout the series the issues are converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging.

Monthly averages for 1913-34 and monthly figures for 1928-46 are available in the 1949, 1947, and 1942 issues of the STATISTICAL SUPPLEMENT and on p. 22 of the January 1942 SURVEY. The data prior to February 1928 were computed from the average price of 20 stocks (see note in the 1942 Supplement); monthly figures beginning 1923 for this series appear in the 1932 SUPPLEMENT. (Revisions: April 1938, 4.55; November 1941, 4.41; and April 1944, 4.02.)

³ Compiled by *Dow-Jones & Co., Inc.*, from the daily closing quotations furnished by the Wall Street Journal. The figures shown here are averages of the daily figures. The industrial averages include 30 stocks and the railroad averages 20 stocks over the entire period; the public-utility averages are for 20 stocks until June 1938 when the number was reduced to 15. Changes have been made in the stocks used for the averages at various times. Over the period covered a number of split-ups have occurred, and many large stock dividends have been paid. Adjustment has been made for these changes and the historical continuity of the series has been preserved. A complete description of the methods used in constructing the index, together with daily and hourly indexes, is given in "The Dow-Jones Averages," published by Barron's Publishing Co., Inc., 388 Newbury Street, Boston 15, Mass.

Monthly averages prior to 1935 and monthly figures for 1934-46 are available in the 1949, 1947, 1942, 1940, and 1938 issues of the STATISTICAL SUPPLEMENT; earlier monthly figures for industrial, railroad, and utility stocks appear in the 1936 and 1932 SUPPLEMENTS (revisions—September 1938, utilities, 19.09, railroads, 22.00; September 1932, railroad, 35.27; November 1929, utility, 78.98). For monthly figures for 1929-33 for 65 stocks, see p. 19 of the September 1938 SURVEY.

⁴ Deficit.

⁵ Data from February 1928 through July 1948 are based on 15 stocks.

⁶ Data for August and September are based on 14 stocks; thereafter, on 11 stocks.

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¹ Compiled by *Standard and Poor's Corporation*. The formula used in computing these indexes is a "base-weighted aggregate" where the weighting factor is the number of shares of each stock outstanding in the base period. Certain modifications of this method have been found necessary to make allowance for the sale of new stock through the issuance of rights, consolidations, and for the addition of new securities necessary to maintain group representations as new corporations are formed in an industry. The index of 416 common stocks includes the industrial, public-utility, and railroad stocks, but not the bank and fire and marine insurance stocks. The indexes

are based upon Wednesday's closing prices or the last preceding sale price. The number of stocks represents number currently used; the change in number does not affect the continuity of the series.

For a complete description of the indexes refer to "Long-term Security Price Index Record" published by Standard and Poor's Corporation. This publication and "Current Statistics" published monthly by that agency provide weekly figures beginning 1918 or the earliest year available.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages prior to 1935 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT; for monthly figures for 1918-40 see pp. 20-21 of the January 1942 SURVEY. Revisions are as follows: Industrials, consumers' goods (December 1942), 75.6; other issues, fire and marine insurance (1944) — May, 113.4; June, 112.5; July, 117.3; August, 117.1; September, 116.1; October, 118.1; November, 118.4; December, 118.3.

² Compiled by the Securities and Exchange Commission on the basis of trades cleared during the month. Clearances occur, for the most part, on the third day after the transaction date. Sales of voting trust certificates, American depositary receipts, certificates of deposit, rights, and warrants are included. Data represent the total value and volume of stocks sold on all registered exchanges, except that for the period January-March 1935 they exclude odd lot and stopped sales on the New York Stock Exchange and New York Curb Exchange.

These data are available only beginning October 1934; monthly figures prior to 1947, except October 1934-March 1935 figures for shares sold, are shown in the 1949, 1947, 1942, 1940, and 1938 issues of the STATISTICAL SUPPLEMENT. There have been a few minor revisions in the 1935 market-value data.

³ Data on volume of sales excluding odd lot and stopped sales are compiled by the *New York Times*. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly figures for 1938-40 are shown in the 1942 and 1940 SUPPLEMENTS and monthly figures for 1923-37 appear in the 1938, 1936, and 1932 SUPPLEMENTS under the title "Stock Sales, New York Stock Exchange."

⁴ Compiled by the *New York Stock Exchange* to show price movements of all stocks on the exchange and the trend in the securities listed. Market values are based on bid prices as of the close of the last market session of the month or, if bid quotations are not available, on asked quotations or last sale prices. The figures have been compiled on a monthly basis (as of the end of the month) as far back as December 1924. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly figures prior to 1941 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

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¹ Compiled by the United States Department of Commerce, Office of Business Economics. Exports and imports of goods are based chiefly on the official foreign-trade statistics of the United States as compiled and published by the Bureau of the Census with certain adjustments, principally for merchandise transactions in which the goods do not actually cross the boundary of the United States. Income on investments includes all international payments of interest, dividends, and profits. Estimates of receipts are based largely on information furnished by American companies with foreign branches and subsidiaries and by fiscal agents for foreign dollar bonds. Payments to foreigners are derived largely from income-tax records. Other services consist principally of international payments for shipping and travel and miscellaneous Government expenditures. The shipping estimates are derived from questionnaires sent to domestic and foreign shipping companies and from statistics of international tonnage movements by flag of carrier and area of origin or destination. The international movement of persons is recorded by the Immigration and Naturalization Service, United States Department of Justice. The number of travelers is multiplied by average expenditures secured from a questionnaire distributed to a sample of the travel population. Data for other miscellaneous service transactions, such as Government expenditures, motion-picture royalties, insurance, communications, etc., are obtained mainly from the agencies or companies participating in such transactions.

Unilateral transfers consist of all gifts, and other transfers without any immediate "quid pro quo," to (-) or from (+) foreign countries by either private citizens or the Govern-

ment. Private gifts include personal and institutional remittances. The former are based largely on money-order data and information received from banks and include parcel-post gift packages; the latter are based on data furnished by the institutions making the remittances. Government unilateral transfers consist of the various aid programs of the United States Government, such as Lend-Lease, UNRRA, Interim Aid, European Recovery Program, and other transfers such as pensions and payments of war-damage claims.

United States private capital movements include the outward (-) or inward (+) flow of capital such as movements of direct investments of American enterprises in foreign branches and subsidiaries, purchases and sales of foreign securities, loans and advances less repayments, and changes in deposits in foreign banks.

United States Government capital movements include loans (less repayments) by the Export-Import Bank, credits on surplus property and surplus ship sales, credits on postwar lend-lease transfers, the loans to the United Kingdom, and various commodity advances.

Foreign long- and short-term capital includes net investments by foreign enterprises in American branches and subsidiaries, foreign purchases and sales of American securities, credits and advances (less repayments) by foreigners to American business, and changes in foreign deposits in U.S. banks. The major part of the movements of foreign capital in the United States is due to changes in foreign dollar reserves, consisting primarily of deposits in U. S. banks and holdings of U. S. Government securities.

The increase (-) or decrease (+) in U. S. Gold stock results from gold transactions by the Government with foreign countries as well as from purchases of gold mined in the United States and from sales of gold for industrial use. Net purchases (-) from domestic sources or net sales (+) for domestic use are offset by an equal entry with the opposite sign in the merchandise account.

Errors and omissions represent the residual element in the statement and would be zero if all the preceding items had been correctly estimated.

More complete information on these series is contained in the publication entitled "International Transactions of the United States During the War, 1940-45," Economic Series No. 65, and in "The Balance of International Payments of the United States, 1946-48." The latter publication provides annual data beginning 1919 (see pp. 272 ff.). Data have been compiled on a quarterly basis since 1945 only. Quarterly figures for 1945-46 are available upon request.

² Less than \$500,000.

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¹ Compiled by the U. S. Department of Commerce, Office of International Trade, based on foreign-trade statistics compiled by the Bureau of Foreign and Domestic Commerce through April 1941 and the Bureau of the Census thereafter (see note 1 for p. 102). The import indexes are based on imports for consumption. All leading commodities for which quantities are available and which show a reasonable degree of homogeneity are included in the calculation for the entire period covered by the indexes. Quantity figures for many articles, particularly finished manufactures, are not available, and for other items the reported data lack homogeneity. Owing to changes in the classification of articles and the inclusion of new items which increased in relative importance, or for which quantity data became available in later years, the number of items and the proportion they bear to the total vary somewhat over the period. The selected commodities are, however, closely comparable from year to year and sufficiently varied to be fairly representative of each economic class of exports and imports. The commodities used in the computations represented 55-60 percent of the total value of United States merchandise exports for 1935-39, 40-47 percent for 1940-41 and 1945, 30-35 percent for 1942-44, and about 50 percent for 1946-50. The decline in the percentage during the war period reflects the large increase in the proportion of total exports represented by finished manufactures, which are less adequately represented in the index than are other economic groups. The import commodities represent about 70 percent of the total value of imports into the United States for all years except 1941-42 and 1947-50 and about 76 percent for those years.

The index numbers have been constructed by the so-called "ideal formula." The quantities of the several articles for each year and the year immediately preceding are used as weighting factors of their unit values. In effect, the percentage

changes in the unit values of the selected articles from each year to the next are combined into an average weighted by the mean of the values for each pair of years compared.

It is assumed that the price movement for export and import commodities not included in the calculation is the same as for those selected. The value of the articles not covered in each economic class (crude materials, crude foodstuffs, manufactured foodstuffs and beverages, semimanufactures, and finished manufactures) is, therefore, adjusted by the computed price index for that class and included in the aggregate totals from which the quantity indexes for each pair of years are calculated. Quantity and unit-value indexes for total exports and imports are based on the combined adjusted totals for the economic classes. The index numbers for each pair of years are made into a series by the chain method. The annual indexes are computed directly from the total annual data.

Data published in previous issues of the STATISTICAL SUPPLEMENT have been recomputed on the 1936-38 base as shown in the present volume. Recomputed indexes for earlier periods are shown on pp. 27 and 28 of the July 1951 SURVEY OF CURRENT BUSINESS as follows: Annual indexes, 1913 and 1919-34; quarterly, 1929-2d quarter 1933; monthly, July 1933-46.

² Compiled by the U. S. Department of Agriculture, Office of Foreign Agricultural Relations, from basic data of the U. S. Department of Commerce. The index numbers are computed by weighting quantities traded in a given period by average unit values during the 6-year base period. The monthly index numbers are adjusted for seasonal variation by a variant of the simple-averages method.

The export index is based on exports of 74 commodity classifications which, during the 1924-29 base period, amounted to 96 percent of the total value of agricultural exports. The cotton classification covers cotton fibers and linters. Separate indexes not shown in the SURVEY OF CURRENT BUSINESS are available for cotton, tobacco, fruits, wheat including flour, grains and grain products other than wheat, cured pork, and lard. Export indexes for 1947 and subsequent years take into account shipments under the Army Civilian Supply Program; such shipments for earlier years are not available.

The import index is based on data for imports of 122 commodity classifications which, during the 1924-29 base period, amounted to 97 percent of the total value of agricultural imports. Separate indexes are prepared for supplementary and complementary imports (complementary imports consist of products that are neither commercially produced in the United States nor to any significant extent used interchangeably with agricultural commodities commercially produced in the United States; supplementary consist of the remaining items). Individual import indexes are computed for sugar and molasses, dairy products, hides and skins, grains, tobacco, vegetable oils, and oilseeds, and dutiable wool and are shown in the Department of Agriculture releases.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual indexes for 1915-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT; monthly data prior to 1938 are available upon request. A complete description and historical data for all series are shown in a special release of the Department of Agriculture issued April 1941, entitled, "New Quantity Indexes of the Foreign Trade of the United States in Agricultural Products."

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. The shipping weight represents the gross weight of the shipments including the weight of containers, wrappings, crates, etc. The data cover only water-borne trade, including traffic through Atlantic, Gulf, Pacific, and Great Lakes ports. They include shipments on all types of watercraft engaged in the foreign trade which are required to make formal clearance and to file manifests of cargoes laden aboard under U. S. Customs Regulations, and also, beginning January 1946, shipments by vessels not required to make formal customs clearances, which include ferryboats and passenger vessels making three or more trips a week between a United States port and a foreign port. Shipments on such passenger vessels and by ferry accounted for 1 to 2 percent of the totals in 1946. Shipments under the Army Civilian Supply Program, included in various export series beginning 1947, are not included in the shipping-weight data shown here. Import figures are general imports. See also note 1 for p. 102 for a general description of foreign trade statistics.

Monthly data on shipping weight of both exports and imports, covering trade by all methods of transportation, were compiled by the Bureau of the Census beginning January 1943 through June 1947; thereafter data were compiled for water-borne trade

only. Data for water-borne trade are not available separately by months prior to January 1946 and the only earlier data available at present are 1943-45 totals for export trade. The 1946 monthly figures are shown in the 1949 STATISTICAL SUPPLEMENT; see note 4 below regarding revision for exports.

⁴ Based on adjusted annual total which includes revisions not distributed by months.

⁵ Beginning July 1950, shipments of "special category" commodities are excluded.

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¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Complete monthly details may be found in the "Monthly Summary of Foreign Commerce of the United States," published by the Bureau of the Census. A complete discussion of the coverage and compilation procedures is published in the foreword to Foreign Commerce and Navigation of the United States, an annual volume of foreign-trade statistics published by the Bureau of the Census. Data are compiled from copies of Export Declarations and Import Entries filed with the United States customs officials. The statistics show trade (except gold and silver in the form of ore, bullion, and coin) between the United States customs area (continental United States, Alaska, Hawaii, Puerto Rico, and for January 1, 1935 through December 31, 1939, the Virgin Islands) and foreign countries but do not include trade between continental United States and the noncontiguous territories named above. The Philippine Islands (Republic of the Philippines since July 4, 1946) and the Panama Canal Zone are considered for these statistical purposes as foreign countries for all years.

Total exports include exports of United States merchandise plus reexports of foreign merchandise. Export figures cover all merchandise (other than merchandise in-transit through the United States) shipped from the United States customs area, with the exception of goods destined to the United States Armed Forces abroad for their own use and with the further exception of a few types of shipments, usually minor in value, which are considered non-statistical (i.e., shipments by mail valued at less than \$25, return of temporary imports, small-value gifts, etc.). Beginning January 1947, goods supplied to civilians in occupied areas through the United States Armed Forces are included in the export figures. These shipments totaled \$908,343,000 in 1947 and \$901,552,000 in 1948. The export figures also include lend-lease shipments and shipments made under the United Nations Relief and Rehabilitation Program and other foreign-aid and relief programs for periods when such programs are effective, as well as relief shipments made through private relief channels. In other words, two general types of exports are represented—cash-purchase, or commercial, and foreign aid and relief. Further details on the Government programs are given in the following three paragraphs.

Amounts on lend-lease shipments included are as follows (in thousands of dollars): 1941 (total for 10 months, March-December), 740,903; 1942, 4,932,739; 1943, 10,357,533; 1944, 11,297,514; 1945, 5,559,810; 1946, 652,901; 1947, 23,532. Lend-lease shipments were negligible during the first half of 1948 and separate data are not available after June of that year. Lend-lease exports represent merchandise shipped under provision of the Lend-Lease Act of March 1941 which authorized the President to furnish, without compensation, supplies to the government of any country whose defense he deemed vital to the defense of the United States. Shipments of supplies in lend-lease channels at the close of the war and supplies procured thereafter through lend-lease procurement facilities are classified as lend-lease exports, although after the program officially ceased to operate, the recipient nations (with few exceptions) arranged to finance them prior to the exportation of the merchandise. Statistics of lend-lease exports are not a measure of the total aid extended to foreign countries under the lend-lease program, but only a measure of that portion of the aid extended in the form of commodities exported from the United States.

Shipments made under the United Nations Relief and Rehabilitation Administration Program are included beginning September 1944; separate data are as follows (in thousands of dollars): 1944, 609 (total for 3 months, September, November, and December); 1945, 357,047; 1946, 1,013,383; 1947, 387,711; amounts for January-June 1948 are negligible and separate data are not available after June 1948. These UNRRA shipments were made in accordance with the provision of the Act of Congress of March

28, 1944, authorizing United States participation in the work of the United Nations Relief and Rehabilitation Administration.

Other aid and relief shipments, initiated and included during 1947, are the Greek-Turkish aid, International Relief Organization shipments, and exports under the U. S. Foreign- and Interim-Aid programs. Beginning April 1948, exports include shipments initiated under the authority of the Economic Cooperation Act of April 3, 1948; this act provides for financial assistance to the 16 nations that met in 1947 to plan the European Recovery Program. Beginning July 1950, shipments authorized by the Mutual Defense Assistance Program (an outgrowth of the North Atlantic Treaty signed April 4, 1949) are included in the export figures.

Imports include private commercial trade, foreign merchandise purchased by United States Government agencies, merchandise owned by foreign governments and entering this country for their official use or for storage, and merchandise transferred to the United States under the reciprocal-aid program (reverse lend-lease). General imports include merchandise entering consumption channels immediately upon arrival plus entries into bonded warehouses. Imports for consumption represent merchandise entering consumption channels immediately upon arrival plus withdrawals from bonded warehouses.

Export values are those declared by the shipper at the time of exportation. Values of containers and coverings are included. If the merchandise is produced at an interior place, freight charges to the point of export are included, but freight and other charges from the place of departure in the United States to the destination in the foreign country are not included. The import value, as defined in Section 402 of the Tariff Act of 1930, is usually the "market value or the price at the time of exportation of such merchandise to the United States, at which such or similar merchandise is freely offered for sale to all purchasers in the principal markets of the country from which exported, in the usual wholesale quantities and in the ordinary course of trade, including the cost of all containers and coverings of whatever nature, and all other costs, charges, and expenses incident to placing the merchandise in condition, packed ready for shipment to the United States." Essentially the same definition was carried in previous tariff acts. Since the import values usually reflect the foreign market value of the merchandise, they exclude insurance, transportation, and other charges incident to arrival of the goods in the United States. The foreign values of imported merchandise are converted into United States currency at the rate of exchange prevailing on the day the merchandise is shipped to the United States, in accordance with Section 522 of the Tariff Act of 1930.

Foreign-trade figures as shown in the SUPPLEMENT for 1947 and for 1948-50 (in particular) are subject to revision upon receipt of final data from the compiling source.

² Export statistics generally show country of ultimate destination; if this is not known, country of consignment. Goods consigned to the Armed Forces or other representatives of the Allies stationed in a foreign country are included as a part of exports to the country to which the goods are physically sent. Imports are shown by country of origin. Pre-war boundaries are still designated to serve for statistical purposes in foreign trade schedules but in practice, since the close of the war, de facto boundaries have generally served. However, import commodities that are required to be stamped with the country of origin are credited to the country shown in the foreign-trade schedules rather than to the de facto country.

Monthly averages are based on 12 months in all cases, although during the war period there was no trade with the enemy and blockaded countries in most months.

Monthly data for all series for 1941-45 (except for revisions mentioned below) are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; most of the 1946 monthly figures shown in those volumes have since been revised (the revisions are available upon request). There have also been revisions beginning 1942 of certain previously published monthly figures for imports, to adjust for the revaluation of tin-ore imports; these monthly revisions are available for total general imports and imports for consumption (total and by economic classes), and for the pertinent items specifically noted.

Monthly averages beginning 1913 and monthly figures for 1938-40, except for Colombia and Venezuela, are available in the 1942 SUPPLEMENT. Monthly figures for 1923-37 for total exports, including reexports, total general imports, and exports and imports for geographic regions, and for Argentina, Brazil, Chile, Mexico, Canada, United Kingdom, France, Germany, Italy, and Japan are shown in the 1940, 1938, 1936, and 1932 volumes. The published figures are correct except for minor revisions in the

figures in the 1932 volume and two major changes as follows: Total exports, including reexports, August 1929, \$380,565,000; Europe, total, April 1931, \$94,634,000.

³ Data for Union of Soviet Socialist Republics in Asia are included in total for Europe.

⁴ Burma included prior to January 1, 1938.

⁵ Includes minor revisions not distributed by months.

⁶ Date for 1947 for the pertinent series are adjusted to include shipments under the Army Civilian Supply Program (see 2d paragraph of note 1 for this page). Beginning 1948, such shipments are included by the compiling agency.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics.

² See note 2 for p. 102.

³ Japanese Mandated Islands included with Japan prior to January 1, 1942. Exports to Japan in 1942, 1943, and 1945 represent relief shipments, including shipments to prisoners of war in Japan for 1943 and 1945. Figures for 1947 and subsequent years include goods supplied to occupied areas through the United States Armed Forces (these data were not included in earlier years); shipments to Japan under the Civilian Supply Program amounted to \$354,380,000 in 1947 and \$246,337,628 in 1948. Separate figures on shipments under this program have not been published for years subsequent to 1948.

⁴ For statistical purposes, trade with Germany was defined to include (as far as ascertainable) trade with German-occupied areas from the following dates until the close of the war: Austria, May 6, 1938; Sudeten area of Czecho-Slovakia, November 10, 1938; other Czecho-Slovak provinces (Protectorate of Bohemia-Moravia and part of Slovakia), March 18, 1939; and Danzig and the German-occupied parts of Poland, November 16, 1939. Trade with Germany includes also trade with Memel territory of Lithuania from March 25, 1939 until January 1, 1948. An explanation of the statistical coverage for Germany and other countries after the close of the war is included in note 2 for p. 102 referred to above.

Exports to Germany in the years 1942 through 1948 represent mainly relief shipments; data for 1947 and subsequent years include goods supplied to occupied areas through the United States Armed Forces, amounting to \$456,574,000 in 1947 and \$586,521,000 in 1948. Separate figures on shipments under this program have not been published for years subsequent to 1948.

⁵ Figures for 1947 include goods supplied to occupied areas through the United States Armed Forces, amounting to \$9,108,000 for that year. No goods were supplied to Italy through this channel in 1948.

⁶ Includes Union of Soviet Socialist Republics in Asia and Europe.

⁷ Includes twenty Latin-American Republics and for 1935-37, Canal Zone.

⁸ Less than \$500.

⁹ Includes minor revisions not distributed by months.

¹⁰ Data for 1947 for the pertinent series are adjusted to include shipments under the Army Civilian Supply Program (see note 1 for p. 102). Beginning 1948, such shipments are included by the compiling agency.

¹¹ Data for Newfoundland and Labrador, which technically became a province of Canada on April 1, 1949, are included in figures shown here beginning January 1950 only. Exports to Newfoundland and Labrador for January-December 1949 totaled \$18,515,000; the corresponding figure for 1948 is \$32,260,000.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics, including information regarding the inclusion beginning 1947 of shipments under the Army Civilian Supply Program.

² See note 2 for p. 102.

³ Monthly data for all series for 1941-46 (except figures for tractors, parts, and accessories) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. There have been minor revisions in the 1946 data which are available upon request. Monthly averages beginning 1913, or the earliest year available, and monthly data for 1938-40 for all series except textiles and manufactures appear in the 1942 SUPPLEMENT. Monthly data for 1923-37 for total exports of United States merchandise and exports by economic classes and for cotton unmanufactured (except 1936 figures which have been revised), packing-house products, automobiles, parts and accessories, and total machin-

ery are shown in the 1940, 1938, 1936, and 1932 volumes. The data are correct except for minor revisions in the figures in the 1932 SUPPLEMENT and revisions in the 1935-37 figures for "total machinery." Figures beginning 1935 for machinery, as shown in the 1940 and earlier SUPPLEMENTS, have been revised to include Diesel and semi-Diesel marine engines. Packing-house products are shown as "meats and fats" in SUPPLEMENTS prior to 1942. Monthly data for series and years other than those indicated have not been published in the SURVEY but, except for total agricultural and total non-agricultural products, are available in the "Monthly Summary of Foreign Commerce of the United States." Monthly averages for total agricultural and total nonagricultural products shown in the 1942 SUPPLEMENT for years prior to 1919 are for fiscal years ended June 30; calendar-year figures for 1914-18 are available upon request.

⁴ Effective with the statistics for July 1950, all semi-manufactures reported under special category type 1 commodity classifications have been included under finished manufactures.

⁵ Agricultural products are exclusive of liquors and other spirits and of forest products.

⁶ Includes linters.

⁷ Beginning January 1948, figures have been adjusted (in accordance with the 1949 commodity classifications) to include fruit juices. Exports of fruit juices in 1948 amounted to \$13,783,000.

⁸ Packing-house products include total meat products, animal oils and fats, edible, and animal oils and greases, inedible, except fish oils. Beginning January 1948, figures have been adjusted (in accordance with the 1949 commodity classifications) to exclude oleomargarine. Exports of oleomargarine in 1948 amounted to \$1,107,000.

⁹ Includes minor revisions not distributed by months.

¹⁰ Data for 1947 for the pertinent series are adjusted to include shipments under the Army Civilian Supply Program (see note 1 for p. 102). Beginning 1948, such shipments are included by the compiling agency.

¹¹ Adjusted for comparability with succeeding data (see note 7 above for fruits, etc., and note 8 above for packing-house products).

¹² See note 4 for this page.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics, also for information regarding the inclusion beginning 1947 of shipments under the Army Civilian Supply Program.

² See note 3 for p. 104 for reference to earlier data.

³ Excludes automobile service appliances and parts, and trailers. Beginning January 1948, data have been adjusted (in accordance with the 1949 commodity classifications) to exclude exports of industrial trucks and to include those of electric busses and trackless trolleys.

⁴ Represents the total "chemicals and related products" group as shown in the original foreign trade reports; includes chemicals (coal-tar, industrial, medicinal), pigments, paints, and varnishes, fertilizers and materials, explosives, soap, and toilet preparations. Beginning January 1948 data have been adjusted (in accordance with the 1949 commodity classifications) to include exports of vulcanized fiber sheets and printing ink.

⁵ Figures beginning January 1948 reflect the transfer of insulated copper wire and cable from the "copper and manufactures" group to the "electrical machinery" group. This transfer was made to adjust to groupings outlined in the 1949 commodity classifications.

⁶ Includes office appliances and printing machinery in addition to the classes of machinery shown separately. See note 5 above regarding the inclusion of data for copper wire and cable.

⁷ Prior to 1948, exports of tractors, etc., are included with those of agricultural machinery.

⁸ See note 5 above regarding the inclusion of data for copper wire and cable.

⁹ Beginning January 1948, data have been adjusted to include exports of scales and balances; gasoline, motor, station, warehouse and factory trucks; push carts and hand trucks; and internal combustion marine engines.

¹⁰ Includes all finished textile products and yarn and other semimanufactures.

¹¹ Data for aircraft, parts, and accessories were combined with other military exports in the monthly figures for 1942 and separate monthly data have not been compiled; the monthly average is computed from the total for the year. The monthly averages for 1943 and 1944 are based on revised annual totals

which include \$4,232,000 and \$14,141,000, respectively, not distributed by months.

¹² Includes minor revisions not distributed by months.

¹³ Data for 1947 for the pertinent series are adjusted to include shipments under the Army Civilian Supply Program (see note 1 for p. 102). Beginning 1948, such shipments are included by the compiling agency.

¹⁴ Adjusted for comparability with succeeding data (see notes 3, 4, 5, 6, 8, and 9 above on the various items).

¹⁵ Data, beginning with the month indicated, exclude "special category" exports not shown separately for security reasons; therefore, they are not comparable with italicized figures for earlier periods.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics.

² See note 2 for p. 102 for reference to earlier data. See also note 4 below regarding revisions resulting from the revaluation of imports of tin ore.

³ Data for Union of Soviet Socialist Republics in Asia are included in total for Europe.

⁴ Average based on revised annual total which includes adjustments for revaluation of tin imports. Revised monthly figures for 1942-46 for the United States total are available upon request. Revisions by months are not available for geographic regions and countries. Adjustments made in annual totals for regions and countries are as follows: Africa - 1942, +\$17,700; 1943, +\$411,000; 1944, +\$1,123,000; 1945, +\$881,000; Asia and Oceania - 1942, +\$2,117,000; Southern North America - 1943, +\$14,000; 1944, +\$13,500; 1945, +\$2,700; South America - 1942, +\$8,897,000; 1943, -\$275,700; 1944, +\$8,459,000; 1945, +\$11,201,000.

⁵ Includes minor revisions not distributed by months.

⁶ Less than \$500.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics.

² See note 2 for p. 102 for reference to earlier data and minor revisions for total Latin-American Republics.

³ Japanese Mandated Islands included with Japan prior to January 1, 1942.

⁴ See note 4 for p. 103.

⁵ Union of Soviet Socialist Republics in Asia and Europe.

⁶ Includes twenty Latin-American Republics and for 1935-37, Canal Zone.

⁷ Average based on revised annual total which includes adjustments for revaluation of tin imports. This revision is not available by months. Adjustments made in annual totals are as follows: Indonesia (Netherlands Indies) - 1942, +\$2,117,000; Latin-American Republics - 1942, +\$8,897,000; 1943, -\$261,600; 1944, +\$8,472,000; 1945, +\$11,204,000; Argentina - 1944, +\$13,000.

⁸ Less than \$500.

⁹ Includes minor revisions not distributed by months.

¹⁰ Data for Newfoundland and Labrador, which technically became a province of Canada on April 1, 1949, are included in figures shown here beginning January 1950 only. Imports from Newfoundland and Labrador for January-December 1949 totaled \$38,683,000; the corresponding figure for 1948 is \$39,707,000.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics.

² See note 2 for p. 102.

³ Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (except 1942-46 monthly data for total imports for consumption and for crude materials, which have been revised to reflect the revaluation of tin ore; these revisions are available upon request). Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume and monthly figures for 1923-37 for total imports for consumption and imports by economic classes are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. The published figures are correct except for minor revisions in the 1932 SUPPLEMENT. The data by economic classes prior to 1934 are general imports.

⁴ Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the

1942 SUPPLEMENT (the figures prior to 1934 are general imports instead of imports for consumption). Monthly figures for years prior to 1938 have not been published in the SURVEY but, except for total agricultural and total nonagricultural imports, are available in the "Monthly Summary of Foreign Commerce of the United States." The monthly averages for total agricultural and total nonagricultural imports shown in the 1942 SUPPLEMENT for years prior to 1935 are for fiscal years ended June 30; calendar-year figures for 1914-34 are available upon request.

⁵ See note 5 for p. 104.

⁶ Averages based on revised annual totals which have been adjusted to include \$14,100 for 1943 and \$13,500 for 1944 for revaluation of tin ore imports; these revisions are not available by months.

⁷ Includes minor revisions not distributed by months.

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¹ See note 1 for p. 102 for a general description of foreign-trade statistics.

² See note 2 for p. 102.

³ Data for 1942-46 represent revised figures which include adjustments for the revaluation of tin ore imports. Revised monthly data (except for total nonferrous metals for 1943) are available upon request.

⁴ Includes all nonferrous ores, metals, alloys, and manufactures, except precious metals, jewelry, and plated ware.

⁵ Includes revisions not distributed by months.

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¹ Compiled by the *Civil Aeronautics Board* beginning January 1945 and (with the exception of data for air mail ton-miles) by the U. S. Department of Commerce, *Civil Aeronautics Administration* and predecessor agencies, prior to 1945. Data cover scheduled operations of all domestic trunk airlines operating in continental United States, according to the latest classification of such lines by the Civil Aeronautics Board. Data for feeder (scheduled air carrier conducting local service) and territorial operations are not included. Figures for Colonial Airlines, operating from New York to Montreal, are included beginning January 1945, since most of the mileage of this line is in the United States. Earlier data have not been revised to include this company; however, it accounted for only 1.5 percent of the passengers carried in 1945, less than 1 percent of miles flown and passenger-miles, and a negligible percentage of other items. Operations of one line now classified as a feeder line are included prior to 1945, but figures for this line are comparatively small and do not materially affect the comparability of the data.

All data cover revenue traffic only, whereas data relating to passenger traffic shown in SUPPLEMENTS prior to the 1947 issue cover revenue and nonrevenue passengers. There is duplication in the figures for number of passengers where the same passengers are carried by more than one air carrier and also, in the figures prior to 1945, where some passengers are carried on more than one route of an air carrier. Monthly averages for 1942-44 (based on annual totals) excluding the duplication existing where passengers are carried on more than one route of the same carrier are as follows: 1942, 251,000; 1943, 238,000; 1944, 322,000. Data excluding this duplication are not available prior to 1942 or by months for 1942-44. Similarly, there is some duplication in the figures for tons of express and freight carried. There is no duplication in the figures for ton-miles and passenger-miles which take into account the distance carried. A "ton-mile" is equivalent to one ton carried one mile and a "passenger-mile" is equivalent to one passenger carried one mile.

Monthly data are available beginning 1946 for feeder, international and overseas, and domestic territorial lines in addition to data for trunk lines shown here.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1932-40 and earlier monthly averages for revenue miles flown and express and freight carried are available in the 1942, 1940, 1938, and 1936 SUPPLEMENTS; monthly figures for July-December 1931 are on p. 19 of the January 1935 SURVEY. Express and freight carried is shown as "express" and is in pounds instead of in short tons as shown beginning in the 1947 and subsequent volumes. Monthly figures for 1931-40 for air mail ton-miles are also available in the SUPPLEMENTS referred to above (the 1931 figures are given in the note for the item in the 1938 issue); the data are shown under the heading "postal business" in the

Domestic Trade section and are in pound-miles; they should therefore be converted to ton-miles by dividing by 2,000 for comparison with figures shown here. Monthly figures for 1935-40 for express and freight ton-miles and revenue passengers carried, and for 1936-40 for revenue passenger-miles are available upon request.

² Data prior to 1945 are from the U. S. Post Office Department and are approximately comparable with later data from the *Civil Aeronautics Board*. Data for airlines to Hawaii and the Caribbean Islands, which are excluded from the figures beginning 1945, are included in the earlier figures, while data for Colonial Airlines, which are included beginning 1945, are excluded for earlier years. The 1945 monthly average entirely comparable with earlier figures is 5,405,000 ton-miles.

³ Compiled from reports to the *Interstate Commerce Commission*. Data cover total operations of the Railway Express Agency (formerly the American Railway Express Co.) and also, through June 1938, operations of the Southeastern Express Co. which was absorbed by the Railway Express Agency in July 1938. The data represent practically complete coverage of the express business on railroads, plus the operations of the express companies servicing motor carriers, electric lines, steamboats, stage lines, and airplanes. Operating income represents net operating revenues (equal to the difference between total operating revenues and operating expenses), less uncollectible revenue from transportation and express taxes.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1918-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT; for earlier monthly figures beginning 1923 see the 1940, 1938, 1936, and 1932 volumes. Revisions of figures in the 1932 volume are as follows: Operating revenue, 1930—November, \$10,474,000; December, \$10,826,000; operating income—1923, December, deficit of \$85,000; 1925, January, \$83,000; 1925, April, \$76,000; 1925, December, deficit of \$5,000.

⁴ Compiled by the *American Transit Association*. Data on average cash fares are based on fares paid in more than 400 cities, each having a population of 25,000 or more, according to the 1940 Census. The average fare is unweighted; i.e., each city, regardless of size, counts as a unit in the average. Averages are computed as of the last day of the month. No adjustments have been made for token fares or passes. Fares paid to motor-bus and trolley-bus operators have been substituted where such services have replaced street railways.

Monthly data for 1945-46 for average cash fares are shown in the 1949 STATISTICAL SUPPLEMENT. Revised data are as follows (cents): 1945—August, 7.6667; September through December, 7.6740; monthly average, 7.6689; 1946, January-December—7.7226; 7.7226; 7.7251; 7.7275; 7.7494; 7.7494; 7.7908; 7.8297; 7.8370; 7.8394; 7.8491; 7.8686; 1946 monthly average, 7.7843. Note that the series on cash fares as shown in the present SUPPLEMENT and in the 1949 volume differs from the series in earlier issues which covered 357 cities with populations of 25,000 or more according to the 1930 Census. Annual and monthly figures for 1933-44 for the current series are available upon request.

Data for revenue passengers carried and operating revenues are estimated totals for all local transit lines, including electric railways and all common carrier motor bus lines, with the exception of long distance interstate motor carriers. The estimates are based on monthly reports from member and nonmember companies whose operations (in terms of revenue or traffic) represent approximately 80 percent of the total transit industry, and on annual reports which include additional companies and which account for about 90 percent of the industry. The current series on revenue passengers and operating revenues differ from similar series published in the 1942 and earlier SUPPLEMENTS, in that the latter include only those bus lines that were affiliated with or were successors to electric railways and exclude so-called independent bus lines which had no historical connection with the old electric railway industry; in addition, data for passengers carried, published in these issues, are reported data and do not include estimates for non-reporting companies. The monthly averages for 1935 for revenue passengers and for 1935-40 for operating revenues are computed from annual totals.

Monthly data for 1941-46 for passengers and operating revenues appear in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier annual totals for both series and monthly figures for 1936-40 for passengers are available upon request.

⁵ Compiled by the *Association of American Railroads*, *Car Service Division*, and represent cars of revenue freight loaded for all reporting class I roads and their subsidiaries. Most class I roads are included. The data include all cars of rev-

enue freight originated for initial road haul on reporting roads. In general, figures are placed on a monthly basis in accordance with the number of weeks ending within each month of the year 1950, and this number governs the number of weeks in each month of the years prior to 1950. However, adjustments in the number of weeks are made, when necessary, in order to include 13 weeks in each quarter. The months consist of exactly 4 weeks, with the exception of March, June, September, and December, which cover 5 weeks.

Monthly averages for 1918-34 are shown in the 1942 SUPPLEMENT. The monthly figures for 1945-48 shown in the 1949 STATISTICAL SUPPLEMENT, and for 1941-44 (available in the 1947 issue) cover the weekly data which were combined on the basis of weeks ending in each month of the years 1948 and 1946, respectively. Weekly figures for 1931-50 are given in the report of the Association of American Railroads relating to cars of revenue freight loaded, issued January 8, 1951.

^a Deficit.

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¹ See note 5 for p. 110.

² Computed by the Board of Governors of the Federal Reserve System from weekly data compiled by the Association of American Railroads. In computing the index, monthly loadings are derived from the weekly data by prorating the figures for weeks not included entirely within a single month according to the number of working days falling in each month. Daily averages for each class of freight are computed and related to the 1935-39 daily average. Allowance is made for Sundays, New Year's Day, Washington's Birthday (1/2 day) through February 1942, Memorial Day (1/2 day), Independence Day, Labor Day, Thanksgiving Day, and Christmas.

In computing seasonal adjustment factors for all groups except ore loadings, the ratio-to-freehand-curve method is used. For the seasonal factors for ore loadings, the usual procedure has been modified for April and May and, except in 1949, for October and November. The distortion resulting from the very erratic movement of loadings of iron ore in these months is lessened by treating April and May as a single period for seasonal adjustment purposes and treating October and November similarly. A single index for each of these periods has been computed and assigned to each of the 2 months in the period. In maintaining the index currently, preliminary indexes are computed for April and October and these are revised when the succeeding month's figures become available. Similarly for the livestock index, June and July have been treated as a single period for seasonal adjustment beginning 1939, except in 1946. Changes have been made in the seasonal adjustment factors from time to time to reflect changes in the seasonal pattern. The seasonal factor for coal was fixed at 100 beginning May 1941.

Weights derived from 1935-39 revenues by commodities, published by the Interstate Commerce Commission, have been used in combining the indexes for eight classes of freight into the total index. The weights are as follows: Coal, 21.3; coke, 0.7; forest products, 5.8; grain and grain products, 5.6; livestock, 1.8; merchandise, 1.c.l., 7.6; ore, 2.4; miscellaneous, 54.8.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual indexes beginning 1919, or the earliest year available, and monthly indexes for 1938-40 are available in the 1942 SUPPLEMENT and are correct except for revisions in the 1939-40 adjusted indexes for grain, livestock (June and July only), ore, miscellaneous, and the total, and a few additional one-point revisions; the weights used in combining the group indexes prior to 1931 differed from those used in later years as indicated in the note in that volume. Monthly indexes for 1931-37 are available on pp. 21 and 22 of the August 1941 SURVEY. For earlier monthly indexes, together with a detailed description of the methods used in computing the index, see the Federal Reserve Bulletins for June 1937, pp. 522 and 523, and for June 1941, pp. 529-533.

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¹ See note 2 for p. 111.

² Compiled by the Association of American Railroads, Car Service Division. Beginning June 1941, data represent the daily average freight-car surplus and shortage for 4- and 5-week periods based on data for weeks ending Saturday within the month; earlier 1941 figures are averages of data reported for four periods of each calendar month. From September 1939 through December 1940, the averages are based on data for the period from the 23d through the last day of each month and prior

to September 1939, for the period from the 15th through the last day of each month. Data include only cars on class I railroads of the United States. Privately owned cars, except railroad-owned private refrigerator cars, are excluded. The car shortages cannot ordinarily be filled from idle cars because of the unequal geographical distribution of the latter. The totals include flat, stock, refrigerator, and miscellaneous cars and covered hoppers, not shown separately, in addition to box cars and gondolas and open hoppers. The item designated as "coal" cars in the 1949 and earlier SUPPLEMENTS has been changed to "gondolas and open hoppers", since these types of cars are used for many commodities other than coal. Reports of the Association give additional detail by types of cars.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For car surpluses, monthly averages beginning 1917 and monthly figures for 1938-40 are shown in the 1942 volume; monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revisions of figures in the latter volume are as follows (thousands of cars): December 1928—total, 411; box, 199; coal (gondolas and hoppers), 159; August 1930—total, 432; box, 233; coal, 142. Data for 1917-30 for shortages are available in the 1931 SUPPLEMENT; there were no shortages reported for the 1931-42 period, except for a few months in 1936, 1937, and 1939, and the series for shortages were therefore not included in later volumes. The periods covered by the monthly data prior to 1935 are indicated in the note on the series in the 1942 SUPPLEMENT.

³ Beginning July 1947, data exclude covered hoppers which previously had not been reported separately from other hoppers; however, the number of these cars included in total gondolas and hoppers was insignificant.

⁴ Compiled by the Interstate Commerce Commission. Data cover class I railroads only (those having annual operating revenues in excess of \$1,000,000) and exclude switching and terminal companies. During the 1935-50 period, the operating revenues of class I roads, exclusive of switching and terminal companies, have represented about 99 percent of the total operating revenues of all roads.

The number of class I railroads varies slightly from year to year. Data given in the Commission's monthly reports for the latest month and for the corresponding month a year, earlier are based on the roads reporting in the most recent month. Any revisions made in the figures for the earlier year are included in the SURVEY presentation; hence data for the maximum number of railroads are not always included. For this reason, the data shown here may differ slightly from those appearing in annual reports of the Commission entitled "Statistics of Railways in the United States." In addition, several carriers make their monthly reports on a system basis which does not obtain in the annual reports. This difference in reporting, however, has not appreciably affected the comparability of the data.

Net railway operating income represents operating revenues remaining after deducting operating expenses, railway tax accruals, and equipment and joint facility rents. Net income is the remainder after deducting from total income (net railway operating income plus other income) the fixed and contingent charges and certain miscellaneous items. It therefore represents income after all charges and taxes and before dividends. The monthly averages for financial operations, which are based on annual summaries issued in the monthly series, include some revisions not distributed to the monthly figures.

Data for freight carried 1 mile include both revenue and nonrevenue freight. Revenue passengers carried 1 mile relate to all revenue passengers, including commutation.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1934-40 (except 1934-37 figures for taxes and joint facility and equipment rents) are shown in the 1942, 1940, and 1938 volumes. Earlier monthly data are available as follows: Operating revenues and expenses and net railway operating income, 1922-33—p. 20 of the April 1934 SURVEY; net income, 1932-33—1936 SUPPLEMENT (monthly data for 1931 are available upon request); operating results, 1923-33 (except for minor revisions in 1923-31 figures)—1936 and 1932 SUPPLEMENTS. Monthly data for 1922-37 for taxes and joint facility and equipment rents may be obtained by deducting operating expenses and net railway operating income from operating revenues. This series added to operating expenses provides figures for total expenses corresponding approximately to the adjusted figures for railway expenses on p. 113.

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¹ See note 4 for p. 112.

² Computed by the Board of Governors of the Federal Reserve System. The basic data used are statistics compiled by the Interstate Commerce Commission shown in part on this page and on p. 112. (For a description of the data see note 4 for p. 112.) In computing the seasonally adjusted data, the basic figures are first placed on a uniform-month basis by dividing the totals by the number of working days in the month and multiplying the result by 1/12 of the total number of working days in the year. The seasonal adjustments are obtained directly for passenger and freight revenues, but for total operating revenues, total railway expenses (operating expenses plus railway tax accruals and equipment and joint facility rents), net railway operating income (total operating revenues less total railway expenses), and net income, the adjustments are made in the major classifications of revenue and expense, and the seasonally adjusted figures so derived are combined to obtain the series shown here. The seasonal adjustment factors were computed by the modified ratio-to-12-month-moving-average method generally used by the Board.

Seasonally adjusted data for net income are obtained by adding to the seasonally adjusted net railway operating income already compiled, a 12-month moving average of "other income" and then subtracting "other fixed charges" and a moving average of interest charges. The use of 12-month moving averages rather than the usual method of seasonal adjustment for "other income" and interest charges was decided upon because the short-term movements of these series are very irregular and because the monthly figures are based to a considerable extent on annual estimates made by the roads. For "other fixed charges" a seasonal adjustment did not appear necessary. In recent years there have been some revisions in the seasonal adjustment factors due to a redistribution of tax accruals. The seasonal factors are tentative and subject to revision.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1923-36 are available on p. 16 of the September 1940 SURVEY. See note describing the data in that issue with regard to adjustments for net income prior to 1931. Data beginning 1937 as shown in the September 1940 SURVEY and in the 1942 SUPPLEMENT have been revised; the revised figures for 1937-40 are available upon request.

³ For September-December 1945 a number of carriers included in their charges to operating expenses for amortization of defense projects, amounts in excess of normal accruals and credits to railway tax accruals because of the shortened period of amortization of these projects; the total amounts of such charges to operating expenses and credits to railway tax accruals for 1945 were \$593,885,000 and \$433,867,000, respectively. In 1946 a number of carriers included, in their Federal income tax accruals, credits covering refunds of 1944 and 1945 taxes on account of carry-backs in the 1946 unused excess profits credit and net operating loss; these credits totaled \$170,491,000 for the year 1946.

⁴ Deficit.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1942 and Bureau of Foreign and Domestic Commerce prior to July 1936, and by the U. S. Treasury Department, Bureau of the Customs, for the intervening period. Data represent the carrying capacity (including ships in ballast) of ships clearing ports of the United States, Virgin Islands, Hawaii, Alaska, and Puerto Rico; they do not relate to the actual weight of cargo carried. Army and Navy vessels clearing without commercial cargo are not included. A net ton represents 100 cubic feet carrying capacity after prescribed allowance for space occupied by crew, engines, and other machinery, etc.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (October 1945 figure for foreign vessels should read 2,776,000 tons). Monthly averages for 1913-34 and monthly figures for 1932-40 appear in the 1942, 1940, 1938, and 1936 SUPPLEMENTS; monthly figures for earlier periods (revised since publication) are available upon request.

² Compiled by the office of the Governor of the Panama Canal. Data represent cargo carried by ocean-going commercial vessels, which include only tolls-paying vessels of 300 net tons or over, Panama Canal measurement. The smaller tolls-paying craft and certain vessels which are exempt from paying tolls (noncommercial traffic) are not included here.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revisions for U. S. vessels: 1943—November, 352,000; December, 149,000 tons). Monthly av-

erages for 1914-34 and monthly figures for 1934-40 are available in the 1942, 1940, and 1938 SUPPLEMENTS (correct 1922 monthly average for U. S. vessels, 555,000 tons). For earlier monthly data on total tonnage beginning August 1914, see p. 19 of the September 1935 SURVEY and for monthly figures for 1923-33 for cargo carried on United States vessels, see the 1936 and 1932 volumes; monthly figures for 1914-22 for the latter series are available upon request.

³ Compiled by Horwath & Horwath. Data represent a compilation from reports of a large number of hotels, transient and residential, throughout the country. During 1935-41 reports were received from between 300 and 400 hotels in about 140 cities (both large and small) located in 30 States. The number of contributing hotels and the number of cities declined during the war years. For the 1942-46 period, data are based on reports from between 250 and 350 hotels in about 110 cities. In 1947-50 more than 300 hotels, located in 190 cities, are represented. Practically all of the hotels included operate throughout the year.

Figures for average sale per occupied room cover room revenue only. An indication of the trend of room sales can be obtained by multiplying average sales per occupied room by the percent of total rooms occupied. The resulting series would represent the average sale per available room. The restaurant sales indexes for each month are related to the corresponding month of the base year 1929. As the sample varies from month to month, it is necessary to compute the index from percentage changes (the given month as compared with the corresponding month in the preceding year) based on the reports received. These indexes include both food and beverage sales. Most large hotels now permit the sale of alcoholic beverages and these sales are included in the figures. Data for the principal cities are included in the Horwath & Horwath reports.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1926 or 1928 and monthly figures for 1932-40 are available in the 1942, 1940, 1938, and 1936 volumes; earlier monthly figures on average sales per occupied room and rooms occupied are shown in the 1932 SUPPLEMENT.

⁴ Compiled by the U. S. Department of Justice, Immigration and Naturalization Service (under U. S. Department of Labor prior to June 14, 1940). Data cover continental United States, Alaska, Hawaii, and Puerto Rico, but do not include travelers between continental United States and outlying possessions. The Philippine Islands are treated as a foreign country for all periods (except in figures prior to May 1934, shown in the 1942 and earlier SUPPLEMENTS, which include no data relating to the Islands); hence, citizens of the Islands admitted to the United States for permanent residence are included as immigrant aliens. Emigrants represent alien residents of the United States for 1 year or more who have departed for intended permanent residence in a foreign country. Immigrants represent aliens or newcomers admitted for permanent residence in the United States.

Data regarding arrivals and departures of United States citizens cover all travel between United States seaports and foreign countries (since July 1932 passengers making cruises or round-trips without change of vessel have been excluded), and, except as otherwise noted, permanent arrivals and departures via international land boundaries. Persons habitually crossing and recrossing international land boundaries are excluded.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume (revisions: Departures—October 1939, 10,093; December 1940, 7,626; emigrants—1915 monthly average, 13,387; October 1939, 1,994). Monthly figures for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS, except for the following revisions: U. S. citizens, arrivals—1923, June and September, 19,603 and 51,894; 1926, September and November, 71,268 and 21,844; 1937, December, 21,377; U. S. citizens, departures—1923, September, 16,025; 1925, May and December, 33,583 and 19,274; emigrants—1927, June, 8,133; immigrants—1930, March, 19,759.

⁵ Compiled by the U. S. Department of State, Passport Division. Data represent total passports issued, including renewals, and passports issued to American seamen which were required by the State Department from February 1942 to August 1945.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume; earlier monthly figures beginning 1923 as shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS are correct except

for the following revisions: 1929—September, 9,132; 1930—August, 10,473; September, 8,770; October, 7,826; November, 7,490.

⁶ Compiled by the U. S. Department of the Interior, National Park Service, from reports for all national parks in the United States. The parks covered are Acadia, Big Bend (opened 1944), Bryce Canyon, Carlsbad, Crater Lake, Everglades (opened December 1947), Glacier, Grand Canyon, Grand Teton, Great Smoky Mountains, Hot Springs, Isle Royale (opened 1940), Kings Canyon (formerly General Grant but expanded and renamed in 1940), Lassen Volcanic, Mammoth Cave (opened in 1936), Mesa Verde, Mt. Rainier, Olympic, Platt, Rocky Mountain, Sequoia, Shenandoah, Wind Cave, Yellowstone, Yosemite, and Zion. Monthly figures are available for all parks only beginning October 1940. Monthly averages prior to 1941 are for the travel year, October 1 to September 30.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. This series replaces data in the 1942 and earlier volumes which are for 11 parks only. Monthly figures beginning 1932 and earlier monthly averages for the travel years for the selected parks are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁷ Compiled by the Pullman Co., and reported to the Interstate Commerce Commission. Data are for passenger-miles of paying passengers, exclusive of passenger-miles of chartered car passengers, and for the revenues (berth and seat) derived therefrom. Data for all United States, Canadian, and Mexican railroads on which the Pullman Company has cars are included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1936-40 are available in the 1942 and 1940 volumes (revision for passenger revenues, May 1940, \$3,749,000); for earlier monthly figures on revenue passenger-miles beginning 1915, and passenger revenues beginning 1913, see p. 18 of the January 1939 SURVEY.

⁸ Average for the travel year ending September 30 of the indicated year. Comparable average for the 1941 travel year is 672,000.

⁹ Includes annual revisions not available by months as follows: 1942—total, +59,000; foreign, +22,000; United States, +37,000; 1945—total, -87,000; foreign, -25,000; U. S., -63,000; 1946—total, -37,000; foreign, -60,000; U. S., +23,000 net tons.

¹⁰ Monthly figures for December 1941-May 1942 are not available for Acadia. The total for these months, 6,144, is included in the 1942 average.

¹¹ Data for July-December 1950 exclude departures via international land borders; land-border departures during the 12 months ended June 1950 amounted to less than 1 percent of total departures.

¹² Average for 6 months, January-June; data for July-December will be available later.

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¹ Compiled by the Federal Communications Commission. Data beginning 1948 cover the 55 large domestic telephone carriers reporting monthly to the Commission. These carriers account for more than 90 percent of the annual operating revenues of the telephone industry in the United States. The figures for 1935-47 represent data for 100-114 companies; however, the comparability of the series, based on annual operating revenues, is affected by less than 3 percent. Figures for all series, except total operating revenues and operating expenses prior to 1942, are shown after elimination of major intercompany duplications for the Bell System; the 1935-41 data excluding these duplications for total revenues and expenses are not available at present.

Monthly data for 1941-46 for all series (total operating revenues and expenses on the old basis) are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Revisions, in thousands of dollars, are as follows: Operating revenues, 1941—January, 114,707; February, 111,232; message tolls, 1941—January, 31,021; February, 29,177; operating expenses, 1941—January, 74,115; February, 70,828; net operating income, 1941—January, 20,187; February, 20,366; net operating income, 1942—April, 19,574; September, 20,066. Monthly averages and monthly figures for 1934-40 are shown in the 1942, 1940, and 1938 SUPPLEMENTS (see note in the 1942 volume regarding the coverage for years prior to 1932).

² Compiled by the Federal Communications Commission. Data through December 1947 are compiled from the reports of telegraph carriers (wire, ocean-cable, and radiotelegraph) having annual operating revenues of \$50,000 or more; these carriers

account for practically the entire telegraph industry in the United States. Data beginning January 1948, are compiled from reports of carriers having annual operating revenues of \$250,000 or more; however, the one radiotelegraph carrier, excluded on the new reporting basis, accounted for only 0.3 percent of the total operating revenues of radiotelegraph carriers in 1947 and 1948. The landline and cable operations of the Western Union Telegraph Company have been segregated and statistics for the separate categories are shown here under data for wire-telegraph and cable carriers, respectively. Figures for wire-telegraph and radiotelegraph carriers include comparatively small amounts for telephone operations. "Net operating revenues" equals operating revenues less operating expenses and depreciation, operating taxes, and miscellaneous operating revenue deductions. The item includes no deduction for income taxes.

Insofar as possible, certain items of revenue and expenses for years prior to 1943 for wire and ocean-cable telegraph carriers and prior to 1940 for radiotelegraph carriers have been restated in accordance with changes in the accounting systems in those years and to place the data on a basis comparable with current reports. Monthly figures are not available on the restated basis prior to changes in the accounting system; annual statistics have been restated only beginning 1935.

Monthly data for 1941-46 for radiotelegraph carriers and for 1943-46 for wire-telegraph and cable carriers are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Combined figures for wire and ocean-cable systems shown in the 1942 SUPPLEMENT are not comparable with combined totals of the separate figures shown in subsequent volumes because of the revisions referred to above. For radiotelegraph carriers, only operating revenues are shown in earlier SUPPLEMENTS; the 1940 figures for this item in the 1942 volume are approximately comparable with those shown in later issues.

³ Annual data are as of December 31.

⁴ Based on annual total including revisions not allocable by months.

⁵ Beginning 1942, total operating revenues and expenses are shown after elimination of major intercompany duplications for the Bell System and are not strictly comparable with figures for prior years; data for 1935-41 on the new basis are not available at present.

⁶ Includes annual adjustments not available by months as follows: 1947, -\$245,000; 1948, -\$12,000.

⁷ Based on reported annual deficit which includes revisions not available by months. The reported annual figures are less than the deficit derived from the sum of the monthly data in the following amounts: 1947, \$280,000; 1948, \$42,000.

⁸ Beginning January 1948, data cover 55 carriers; see note 1 for this page.

⁹ Beginning January 1948, data represent carriers having annual operating revenues of \$250,000 or more; see note 2 for this page.

^a Deficit.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census (data for sodium sulfate and sulfuric acid are collected in cooperation with the U. S. Department of Interior), except for the wholesale price of sulfuric acid which is compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The production data cover all known commercial manufacturers of the selected chemicals (except as indicated in note 7 for sodium silicate) and represent the primary manufacture of new material, including quantities produced for further processing in the same plant, for intra-company transfer, and for sale. In some cases, data are included for material produced "in process" as an intermediate to the end product. The figures are believed to be complete except for quantities produced by plants either owned or operated by the Federal Government or operated solely for its account.

It was necessary to estimate the operations of some plants in order to provide complete statistics. In most cases, the estimates were made on the assumption that month-to-month changes in the operations of nonreporting establishments were similar to those for reporting companies. The estimates in practically all cases are small and are indicated in footnotes.

The number of plants reporting for each chemical in December 1949 is as follows (exact data for 1950 not available): Ammonia, synthetic anhydrous, 16; calcium arsenate, 8; calcium carbide, 12; carbon dioxide, 67; chlorine, 50; hydrochloric acid, 56; lead arsenate, 12; nitric acid, 24; oxygen, 198; phosphoric acid, 23; soda ash, 9; sodium bichromate and chromate, 6; sodium hydroxide, 49; sodium silicate, 29; sodium sulphate,

39; sulfuric acid, 187. The number of plants producing for any period during the years covered here may differ from the number reporting at the end of 1949. Plants known to have ceased operations are excluded from this count but production data for such plants are included for the period during which they were in operation.

Monthly data have been collected only beginning 1941 and data were not collected for 1940. Data for additional chemicals are given in the original reports.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

² Data for anhydrous ammonia, calcium carbide, nitric acid, and phosphoric acid include, in each case, data for one plant operated by the Tennessee Valley Authority. Output of other Government-owned plants, which was large through 1946 for both anhydrous ammonia and nitric acid and for the most part for military use, is not included (see note 15 regarding plants formerly Government-owned which are included beginning in June or August 1946). Data for a small amount of aqua ammonia are included in the figures for anhydrous ammonia reported by one company beginning January 1943.

³ Monthly data for 1941-43 include estimates for a few companies based on reported annual totals. The estimates do not exceed 5 percent in any one month.

⁴ Represents total production of gas, including quantities later liquefied for use, shipment, or storage. Data for Government-owned plants are not included.

⁵ Soda ash (commercial sodium carbonate) production includes quantities processed to finished light and finished dense soda ash and quantities diverted to the manufacture of caustic soda and sodium bicarbonate. The production of electrolytic soda ash and of natural soda ash is excluded from these statistics.

⁶ Data for sodium hydroxide (caustic soda) includes total production of liquid material by the electrolytic and lime-soda processes, including quantities of liquid caustic which are later solidified. Production of sodium hydroxide by Government plants, which was only a small part of the total production, is not included.

⁷ Data represent total production of soluble silicate glass, liquid and solid, and material which is further processed to ortho, meta, and sesqui forms. Excluded, however, are data for two plants which manufacture sodium metasilicate directly without going through the soluble glass stage. Therefore, the production is slightly understated.

⁸ Production figures are based on annual data from the 1939 Census of Manufactures, or earlier censuses. For the most part the figures shown in the census reports cover only production for sale. Therefore, 1939 and earlier figures are shown here only when they are known to be complete or where it was possible to estimate quantities made and consumed in the same plant. The estimates in no case exceed 5 percent. Data for sulfuric acid shown in reports of the Census of Manufactures are on a 50° Baumé basis and are here converted to 100 percent H_2SO_4 .

⁹ Monthly averages published in the 1947 and 1949 issues of the STATISTICAL SUPPLEMENT are not shown here, since they are not considered comparable with succeeding figures.

¹⁰ Based on annual total which includes data for four companies whose production was not included in the monthly reports of the Bureau of the Census.

¹¹ Includes estimates amounting to 1 percent of the totals for April-June 1941, 6 percent for September-December 1941, and 1 percent for April-June 1942.

¹² Proportion of estimate for January-June 1942, 3 percent.

¹³ Proportion of estimate for January-February 1942, 20 percent.

¹⁴ December figure not available for publication; the monthly average is for 11 months.

¹⁵ Data for nitric acid and synthetic anhydrous ammonia include operations of two large plants beginning June 1946 and, for the latter, one additional plant beginning August 1946, which did not report previously; production at these plants was classified as military prior to the months indicated and was not included.

¹⁶ Data not available for publication.

¹⁷ Average of 12-months total.

¹⁸ Beginning January 1948, figures are not strictly comparable with earlier data because of the inclusion of additional plants; however, these plants account for less than 3.5 percent of the total production of the specified chemical.

¹⁹ Average for 10 months, March-December.

²⁰ Average for 10 months, January-June and September-December.

²¹ Average for 8 months, January-June and November-December.

¹ See note 1 for p. 116.

² Data for sulfuric acid are combined totals for sulfuric acid produced by the contact and chamber processes, including spent acid fortified in the contact plants with the simultaneous production of new acid. The contact-process figures include data for sulfuric acid of oleum grade (above 100 percent H_2SO_4) as well as lower strength acid, and a small amount of acid which is also included in the chamber-process statistics (2 plants fortify chamber acid by dripping it into contact units in the process of producing new contact acid). Production of Government-owned plants, which was large during the war period, is not included; for the most part, this production was available only for military use. Beginning in January 1946, the figures include monthly estimates based on annual totals of byproduct operations of a few smelters reporting to the Bureau of Mines; the estimated data included vary from 4 percent in 1946 to 2 percent in 1950.

The series shown beginning in the 1947 STATISTICAL SUPPLEMENT differs from data shown in the 1942 and earlier issues which relate only to sulfuric acid produced by fertilizer manufacturers.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent the average of the Friday (prior to 1940, Saturday) market price (low) of sulfuric acid, 66°, commercial, tanks, large lots, f.o.b. eastern works.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT. Monthly data for 1923-37 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Compiled by the U. S. Tariff Commission, with the exception of data for natural acetic acid which are compiled by the U. S. Department of Commerce, Bureau of the Census. Data cover all known commercial manufacturers of the selected chemicals and include production for sale and consumption, if any, in the reporting plants. Production of acetic acid and acetic anhydride by Government plants is not included. Data for acetic acid include synthetic acetic acid and natural acetic acid produced by direct process from wood. Statistics for recovered acetic acid are not included. Acetic anhydride is produced from ketene, acetylene, ethylene, and from acetic acid by the vapor phase process.

Monthly data for 1943-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual data for 1933-34 for acetic anhydride, and for 1919-34 for acetyl salicylic acid are available upon request.

⁵ Compiled by the U. S. Treasury Department, Bureau of Internal Revenue. Data represent complete coverage of the industry, including operations in Hawaii and Puerto Rico. Production figures are net (excluding products used in redistillation). Except during part of the war period, production includes comparatively small amounts produced for beverage purposes; production for beverage purposes was reported separately only for the fiscal year 1944-45 and totaled 16,253,000 proof gallons for that year. The amounts withdrawn tax-paid, representing withdrawals from industrial alcohol bonded warehouses upon payment of tax, are largely for use in the rectifying of beverage spirits.

Data for withdrawals for denaturation for July 1941-June 1947 represent all products used for denaturation (domestic ethyl alcohol, imported ethyl alcohol, and spirits) which were regarded, upon receipt at denaturing plants, as alcohol, whether originally produced as alcohol by industrial alcohol plants or as spirits or unfinished spirits by registered distilleries. During this period, denaturing plants were permitted to store ethyl alcohol for purposes other than denaturation; therefore, alcohol used for denaturation was reported in lieu of withdrawals for denaturing.

In addition to the tax-paid withdrawals and withdrawals for denaturation, quantities are withdrawn tax-free for hospital, scientific, and educational use; for use of United States and subdivisions; for export; for transfer to vinegar plants; and in Puerto Rico for medicinal, beverage, and other purposes. These transactions, of course, affect the stock figures which represent the amount remaining in warehouses at the end of each month. Stocks are also affected by losses. Stocks at denaturing plants were comparatively small prior to 1942 and were not reported.

A standard proof gallon is a wine gallon (231 cubic inches) containing 50 percent of ethyl alcohol by volume. In a wine

gallon containing more or less than 50 percent by volume, the number of proof gallons is proportionately greater or smaller than 1 proof gallon. The proof of spirits is twice the percent of the content, by volume, of ethyl alcohol. Accordingly, the standard proof gallon is 100 proof.

During the war period, spirits produced at registered distilleries and stocks of unfinished spirits at industrial alcohol bonded warehouses were primarily for industrial purposes. For such data by months for 1942-45 (as well as combined data on ethyl alcohol and spirits), see p. 111 of the 1947 STATISTICAL SUPPLEMENT; see also notes 3 and 5 for that page regarding further details on these items.

More complete annual figures for ethyl alcohol, including details by States, are contained in the annual reports of the Commissioner of Internal Revenue.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1934-40 are available in the 1942, 1940, and 1938 SUPPLEMENTS. Earlier monthly figures beginning 1932 for tax-paid withdrawals and 1923 for other series are shown in the 1936 and 1932 SUPPLEMENTS and tax-paid withdrawals for 1925-31 are available on p. 20 of the April 1935 SURVEY; some revisions in the data are given in note 2 for p. 102 in the 1942 Supplement, which also explains certain limitations in the data prior to July 1933.

⁶ Compiled by the U. S. Treasury Department, Bureau of Internal Revenue. The data cover operations of all denaturing plants, including plants in Puerto Rico and Hawaii; they include completely denatured and specially denatured alcohol produced from domestic alcohol and spirits and, beginning in July 1942, also from imported alcohol. Prior to July 1942, the data include small quantities produced from rum. Denatured rum was reported for years ending June 30, as follows (thousands of wine gallons): Production, monthly average—1943, 104; 1944, 97; 1945, 98; 1946, 86; 1947, 86; 1948, 89; 1949, 96; 1950, 90; consumption, monthly average—1943, 104; 1944, 98; 1945, 96; 1946, 88; 1947, 85; 1948, 88; 1949, 96; 1950, 89; stocks, June 30—1943, 43; 1944, 28; 1945, 42; 1946, 21; 1947, 39; 1948, 42; 1949, 42; 1950, 46. The consumption figures represent removals from plants and include amounts shipped to bonded dealers. A wine gallon is a standard United States gallon of 231 cubic inches.

Data by States, withdrawals classified according to formulas, amounts used in manufacturing, etc., are contained in annual reports of the Commissioner of Internal Revenue.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1927-34 and monthly figures for 1934-40 are available in the 1942, 1940, and 1938 SUPPLEMENTS. The monthly data through 1933 shown in earlier SUPPLEMENTS are substantially correct except for scattered revisions in the consumption figures which are given in note 1 for p. 102 in the 1942 SUPPLEMENT; further information regarding the data for 1927-33 is included in that note.

⁷ See note 8 for p. 116.

⁸ Data not available for publication.

⁹ Includes annual revisions which are not available by months.

¹⁰ See note 18 for p. 116.

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¹ Data for creosote oil include production by coke-oven operators and production by tar distillers from purchased coal tar only or from oil-gas or water-gas tar produced or purchased by tar distillers. Statistics for creosote oil produced by tar distillers, ethyl acetate, and phthalic anhydride are compiled by the U. S. Tariff Commission and the data for creosote oil produced by coke-oven operators are compiled by the U. S. Department of Interior, Bureau of Mines. Data cover all known commercial manufacturers of the selected chemicals and include production for sale and for consumption, if any, in the reporting plants.

Monthly data for 1943-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual totals for 1928-34 for creosote oil and for 1921-34 for ethyl acetate are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census. Data for production are industry totals and include amounts produced for sale and for consumption in the producing plants. Stock figures include quantities held by and in transit to producers and consumers and in public storage. Monthly data were not collected prior to July 1942; the

annual figures for production and consumption are monthly averages for all years.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; quarterly or monthly data for 1941-44 are published in the 1947 issue. Quarterly figures for 1919-40 are available upon request.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census, with the exception of data beginning October 1945 for synthetic methanol which are from the U. S. Tariff Commission. Data are for all known manufacturers beginning 1941 and cover production for sale and for consumption in own plant. Data prior to 1941 for natural methanol are approximately complete and comparable with later data. Reports for natural methanol prior to June 1945 were for crude methanol 80-82 percent strength; all figures have been converted to equivalent 100 percent CH₃OH.

Comparison with data reported in the 1939 Census of Manufactures indicates that figures for synthetic methanol prior to 1941 cover production for sale only; monthly average production for 1939 for consumption and sale, based on annual figures reported for 1939, is as follows (thousands of gallons): Total, 3,877; for sale, 2,846; for consumption, 1,031.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1930 and monthly figures for 1932-40 are available in the 1942, 1940, 1938, and 1936 SUPPLEMENTS and monthly figures for 1930-31 are on p. 20 of the April 1933 SURVEY; the 1930-33 data for natural methanol are believed to cover only about 80 percent of the industry. Figures on natural methanol shown in these volumes are for crude methanol, 82 percent strength, and should be multiplied by 0.82 to obtain the refined equivalent, 100 percent, as shown in the present volume.

⁴ Averages are based on end-of-quarter stock figures.

⁵ Includes annual revisions not available by months.

⁶ Beginning June 1949, data for chemically pure glycerin include synthetic glycerin.

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¹ Compiled by the National Fertilizer Association from tax tag sales and shipments reported to the commissioners of agriculture in 11 southern States (Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Arkansas, Louisiana, Oklahoma, and Texas) and in 3 midwest States (Indiana, Kentucky, and Missouri).

Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer in any particular month. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States. Beginning July 1950, tonnage figures for a few States represent the shipments of fertilizer for sale or use in these States as reported to State agencies. For some States the reports include cottonseed meal used as fertilizer. Direct distribution of fertilizer by Government agencies (Dept. of Agriculture and TVA) is not included in these data. Such consumption is a relatively small proportion of the total (less than 1 percent in 1950 for the States included here). The sales for the 14 States included in this series amounted to about 60 percent of total United States sales in recent years on the basis of annual estimates for all States compiled by the Association.

Data for 1935-48 as shown in the 1949 STATISTICAL SUPPLEMENT, have been revised to include Louisiana and exclude Kansas (which discontinued tax tag sales beginning July 1949). Figures for 1935-46 published in the 1947 SUPPLEMENT include Illinois and Louisiana. Data for consumption in the southern States as shown in the 1942 and earlier volumes exclude Oklahoma, which compiled tag sales beginning 1927, and include Mississippi which discontinued monthly reports March 1946. Annual data for 1910-34 and monthly figures for 1933-46, comparable with figures shown in the present volume, are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that month. Import figures are imports for consumption. The totals for both imports and exports include prepared and miscellaneous fertilizers and fertilizer materials which are not shown separately.

Some imported fertilizer materials are reexported but quantities reexported are in general relatively small, except for sodium nitrate and potash materials in some years. Reexports

of sodium nitrate and potash materials are shown in the following table (annual totals in short tons):

Year	Sodium nitrate	Potash materials	Year	Sodium nitrate	Potash materials
1935.....	1,548	3,118	1943.....	32,090	5,233
1936.....	3,304	2,955	1944.....	7,833	3,193
1937.....	2,610	1,481	1945.....	6,085	5,362
1938.....	5,869	1,540	1946.....	4,815	4,166
1939.....	22,142	8,449	1947.....	3,766	0
1940.....	18,282	4,851	1948.....	1,075	0
1941.....	43,700	623	1949.....	685	0
1942.....	130,015	0	1950.....	1,163	558

Monthly data for 1941-44 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. (Revision for total imports, April 1941, 125,451 short tons. Revisions for 1946, in short tons: Exports—total, January, 96,947; April, 108,649; June, 96,076; August, 113,721; October, 107,290; November, 91,328; phosphate materials, January, 72,826; April, 81,705; June, 76,385; August, 90,130; October, 97,204; November, 76,444; imports—total, April, 153,692; July, 81,207; nitrogenous materials, April, 138,344; July, 66,859; nitrate of soda, April, 89,092.) Monthly averages prior to 1935 and monthly figures for 1934-40, except for the series on exports of potash materials, are shown in the 1942, 1940, and 1938 SUPPLEMENTS; the 1937-40 figures for total imports of nitrogenous materials, as published in those volumes, have been revised to exclude tankage not fertilizer which was erroneously included; these revisions and monthly figures prior to 1941 for exports of potash materials are available upon request. Monthly data prior to 1934 for most items are available in the 1936 and 1932 volumes as indicated in note 4 for p. 103 in the 1942 SUPPLEMENT; this note explains certain limitations of the earlier data. It should be noted that figures in the 1942 and earlier SUPPLEMENTS are in long tons instead of in short tons as shown here.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data are averages of Friday market prices (low) of sodium nitrate, crude, imported, in 100-pound bags, c.i.f. Atlantic, Gulf, and Pacific port warehouses. The annual figures are averages of the weekly quotations rather than averages of the monthly figures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1935-40 are available upon request. This series, compiled only beginning 1935, is obtained by the Department of Labor from a different source than a similar series, designated "c.i.f. Atlantic ports," shown in the 1942 and earlier SUPPLEMENTS, which provide figures for 1913-41, and quotations are now shown per short ton instead of per 100 pounds as in the earlier series; however, prices for August 1937-July 1941, expressed per short ton, are the same in the two series.

⁴ Compiled by the American Potash Institute representing deliveries within the continental United States and to Canada, Cuba, Puerto Rico, and Hawaii. Data represent deliveries of material of domestic origin only as reported by the major domestic producers beginning 1940. They cover four producers for 1940-42 (one of which began operations in 1940) and five producers beginning 1943. The company added in 1943 began operations in the latter part of 1938. Prior to 1940, salts of foreign and domestic origin were included as reported by one large importer and three domestic producers. In 1940 the importer, who previously reported monthly, delivered 92,060 tons of potash. The total volume of deliveries of these primary suppliers is estimated to be between 95 and 98 percent of the total industry prior to 1943 and practically the entire industry beginning that year. Fertilizer manufacturers have absorbed in recent years about 90 percent of the total potash produced, while the remaining 10 percent is consumed by chemical manufacturers.

The total bulk potassium salts have been reduced to their K₂O content because of the variance in the equivalent K₂O in the salts mined in different parts of the world.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1928-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT; slight differences between the averages for 1938-39 shown here and in those volumes represent small revisions in the annual totals not allocated by months. Monthly figures for 1936-37 are published in the 1940 volume; annual totals for 1928-35 are shown incorrectly as monthly averages.

⁵ Includes small annual revisions not available by months.

¹ Compiled by the U. S. Department of Commerce, Bureau of the Census, beginning September 1942. Data cover all known manufacturers of superphosphate, including the Tennessee Valley Authority, except for one company that was producing in 1945 but was not included until 1946. However, the exclusion of this company prior to 1946 does not appreciably affect the comparability of the data. The series includes all grades of superphosphate, normal, concentrated, and wet-base goods converted to a basis of 18 percent available phosphoric acid. The figures pertain only to superphosphate as such, and include no data for superphosphate in dry-base or dry-mixed goods.

Comparable monthly data are not available prior to September 1942. The monthly averages for 1935-42 are computed from annual totals compiled by the U. S. Department of Agriculture, Bureau of Plant Industry, Soils, and Agricultural Engineering. The 1940 and 1941 figures are based on a survey of production of ordinary superphosphate and wet-mixed base by all plants, made by the National Fertilizer Association with the cooperation of the Department of Agriculture; data on production of concentrated superphosphate were collected by the latter agency in complete surveys of such production for the years 1929-42. Annual figures for years prior to 1940 and for 1942 are based on the surveys of production of concentrated superphosphate and on monthly statistics, collected by the Bureau of the Census, covering production of bulk superphosphate (the series shown in the 1942 SUPPLEMENT to the SURVEY) and wet-mixed goods by 52 manufacturers through August 1942 and total production of all grades of superphosphates by all plants for later months of 1942. The monthly series through August 1942 did not cover all manufacturers and also did not include production by the Tennessee Valley Authority. Comparison of monthly figures for 1940 and 1941 with data collected in the surveys of all plants for these years indicated that the Census series through August 1942 represented, approximately, the production of ordinary superphosphate and wet-mixed base; these data were, therefore, combined with figures for concentrated superphosphate to obtain totals for all superphosphates.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1929-34, based on annual totals from the U. S. Department of Agriculture, are as follows (short tons): 1929, 345,183; 1930, 367,825; 1931, 221,200; 1932, 142,033; 1933, 214,442; 1934, 235,558.

The coverage of the Census series on production of bulk superphosphate by 52 manufacturers, as shown in the 1942 SUPPLEMENT, is overstated in the note in that volume, on the basis of information referred to above, and does not take into account production by the Tennessee Valley Authority. Moreover, the coverage of the series declined by 1942, owing to increased production of plants not included in the series. The series in the 1942 SUPPLEMENT is shown on a 16-percent basis.

² Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics (by the Bureau of Agricultural and Industrial Chemistry prior to April 1947). Data represent total production of gum and wood products and stocks held by producers, wholesale distributors, and industrial plants producing turpentine and rosin. Stocks of wood rosin do not include so-called "B wood resin," a byproduct produced in refining FF wood rosin to paler grades. Data are expressed in commercial units—for turpentine, barrels of 50 gage gallons, and for rosin, drums of approximately 520 pounds net weight.

These series have been substituted for the data shown in the 1942 and earlier SUPPLEMENTS for three ports, which have declined in importance. Quarterly figures for the current series from the latter part of 1942 through 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, beginning November 1948, and by the Oil, Paint, and Drug Reporter prior to that month. Data are averages of Tuesday quotations of "WG" (window glass) grade and replace the series for "H" grade shown in previous SUPPLEMENTS. Prices are quoted per 100 pounds, bulk, beginning July 1940. Earlier data are based on average prices in barrels of 280 pounds, gross weight, converted to the bulk basis (conversion factor, 2.324).

Monthly data for 1935-46 are available on p. 24 of the September 1950 SURVEY.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data are averages of Tuesday quotations. Prices are quoted per gallon, bulk basis, beginning July 1940; prior to that month, they were quoted on a barrel basis. The

price of the turpentine barrel (50 gallons) was established at \$3.00 in July 1940, equivalent to 6 cents per gallon, and this amount has been deducted from the original figures for January-June 1940 to obtain prices on a bulk basis for this period. Earlier data in italics are shown as quoted, on a barrel basis; the average for 1940 comparable with earlier data is \$0.312. Annual data are averages of the Tuesday quotations rather than averages of the monthly figures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1926-34 and monthly figures for 1938-40 for the italicized series are shown in the 1942 SUPPLEMENT; earlier monthly figures beginning 1926 are on p. 18 of the September 1938 SURVEY. Data for 1913-25 for price of gum turpentine in New York are also included in the 1942 SUPPLEMENT (see note in that volume).

⁵ Compiled by the *Institute of Makers of Explosives* from reports of member and nonmember companies for use in the annual reports of the U. S. Department of the Interior, Bureau of Mines. Data cover black blasting powder and high explosives (including permissibles) produced and sold in the United States, virtually all of which is for industrial purposes. Ammunition and fireworks, and nitroglycerin used as such, are not included. The explosives are used primarily in mining and quarrying and in railway and other construction work. Differences between the annual total derived from the monthly reports and the Bureau of Mines' annual total represent data for companies which do not report monthly.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Data shown in the 1942 and earlier volumes are combined totals for black blasting powder and high explosives; annual data beginning 1913 and monthly figures for 1926-40 for the separate items are available upon request.

⁶ Compiled by the U. S. Department of the Interior, Bureau of Mines. Data cover total production of crude native sulfur and producers' stocks (at mines, in transit, and in warehouses) at end of month. These monthly data replace the quarterly series for Louisiana and Texas (which account for virtually the entire production) shown in the monthly SURVEY through the July 1944 issue and in the 1942 and earlier SUPPLEMENTS. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual production figures for 1920-34 for the current series are available upon request; monthly figures for August-December 1940 are shown on p. 24 of the May 1946 SURVEY.

As indicated above, the quarterly series for production in Louisiana and Texas, available beginning 1923 in the 1942 and earlier SUPPLEMENTS, differs only slightly from data shown here.

⁷ Quarterly averages based on totals for the crop year ending March 31 of the following year.

⁸ Stocks are as of the end of the crop year, or March 31 following the indicated year.

⁹ See note 4 for this page.

¹⁰ Average for 5 months, August-December.

¹¹ Average for 4 months, September-December.

¹² Quarterly average.

¹³ Includes small annual revisions not distributed by months.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. The statistics relate to consumption and stocks of raw materials used in producing vegetable oils, and to factory production, factory consumption, and factory and warehouse stocks of animal and vegetable fats and oils. Factories canvassed in order to obtain information on factory production, consumption, and stocks are as follows: (1) factories producing animal and vegetable fats and oils, including expressers, extractors, renderers, and reclaimers; (2) factories consuming fats and oils in the production of other fats and oils products or products of which fats or oils are a constituent part (such as shortening and oleomargarine), including refineries, mixing and compounding establishments, and other similar establishments; (3) factories consuming fats and oils in the production of soap, paint, varnish, linoleum, oilcloth, lubricants, and other products which contain considerable quantities of the fats and oils; and (4) factories consuming fats and oils as agents in the production of tin plate, textiles, leather, and other products.

As considerable equipment is required in producing most oils, the factory production reported, to which these statistics are limited, is intended to represent the total output in the United States of such oils as cottonseed, peanut, coconut,

corn, soybean, olive, palm kernel, babassu, tung, perilla, castor, sesame, fish, and marine mammal. However, in the case of some animal fats, factory production does not represent total production, as considerable quantities of lard, tallow, and grease are produced on farms and by a large number of local butcheries and small renderers not included in the establishments canvassed.

The statistics on factory consumption include only the consumption in factories and do not, therefore, represent total consumption in all instances. Considerable quantities of some fats and oils are consumed outside of factories, such as in homes, hotels, restaurants, and bakeries; by painters, building contractors, and machine shops; and for lubricating purposes.

Raw materials reported as stocks represent the quantities held in crushing mills and mill warehouses. Fats and oils reported as stocks include the quantities held by and in transit to producers, factory consumers, and public storages, regardless of ownership, including quantities held for the Government. In some instances, stocks may include some imports not yet withdrawn from bonded warehouses. Inventories in the possession of household consumers and stocks held in private storages by retailers, wholesalers, and jobbers are not included.

Data represent fats and oils in the crude state except as indicated below. Data for animal fats include lard (rendered lard, including neutral lard, and rendered pork fat), tallow, and neat's-foot oil; butter is not included. Lard stocks include quantities held in refrigerated and dry storage. Prior to 1949, stocks for lard and tallow may have included a certain quantity of the refined product. Figures for greases include wool grease and greases other than wool. Beginning 1949, wool-grease stocks represent wool scourers' stocks and exclude consumer and storage holdings. Fish-oil data include cod and cod-liver oil, other liver oil, menhaden, sardine and pilchard, whale, sperm, and other fish and other marine mammal oil; data represent production of fish-oil producers and fish cannery. Prior to 1949, consumption and stock figures for menhaden, sardine, and herring may have included some refined oils. Linseed oil stocks, also, may have included some refined oil. The data for flaxseed and soybeans are shown in tons in the original reports and have been converted to bushels. Data for shortenings and compounds include extractions from both vegetable and animal sources. In recent years production has been largely from vegetable oils.

Beginning July 1950, data exclude approximately 1,000 producers and consumers of relatively small quantities of fats and oils. Based on reports covering the period July-December 1949, the elimination of these companies, in most cases, did not affect the comparability of the data by more than one percent; where the differences were significant, the monthly and annual figures were adjusted accordingly.

Figures given in the SURVEY represent only summary totals and selected individual products. Separate data for additional products are included in current reports of the Bureau of the Census and more detailed statistics appear in the quarterly and annual reports of the Bureau. Data were collected quarterly through June 1942 and monthly thereafter. Annual figures shown in this volume and in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT are monthly averages, unless otherwise indicated in notes on the figures; annual figures in earlier volumes are quarterly averages.

Monthly or quarterly figures for 1941-46 are shown in the 1949 and 1947 SUPPLEMENTS. Revisions for production of crude vegetable oils (thousands of pounds): 1944—November, 411,631; December, 369,097; monthly average, 330,944; 1945 (January-December, respectively)—409,538; 371,645; 352,182; 302,321; 311,373; 251,472; 230,323; 254,527; 288,219; 371,583; 427,471; 367,033; 1945 monthly average, 328,141; 1946 (January-December, respectively)—403,113; 322,882; 311,867; 283,051; 259,161; 233,301; 261,433; 252,002; 280,025; 387,933; 408,841; 404,296; 1946 monthly average, 317,325. Quarterly averages prior to 1935 and quarterly figures for 1938-40 are available in the 1942 SUPPLEMENT and quarterly figures for 1932-37, except for soybeans and soybean oil, appear in the 1940, 1938, and 1936 SUPPLEMENTS. The figures for copra, as shown in the 1942 and earlier volumes, have been revised to include comparatively small amounts for coconuts and skins, which have been included in the data reported for copra in recent years but formerly were shown separately. There have been minor revisions also in the 1932-33 consumption figures for total vegetable oils and cottonseed oil; the third-quarter production of fish oils in 1937 should be 129,394,000 pounds. The indicated revisions and quarterly data prior to 1938 for soybeans and soybean oil are available upon request.

² Data have been collected monthly beginning July 1942 but, since final revisions are available only on a quarterly basis prior to January 1946, the figures noted are quarterly averages.

³ Averages are based on end-of-quarter stocks.

⁴ For certain periods during 1946-48, the data included for "other fish oil" indicate an excess of consumption over supply. This may be accounted for, in part, by duplication in consumption; oil reported consumed by hydrogenators and pressers was reported again when further processed by fat splitters and other users. Also, for certain periods prior to November 1948, consumer-owned stocks held at establishments producing fish oil were not reported.

⁵ Beginning January 1949, data for animal fats include 45 plants, and for greases, 23 plants not previously reporting; operations at these plants in January (thousands of pounds): Animal fats—production, 3,290; stocks, 3,804; greases—production, 953; stocks, 1,949.

⁶ Data for crude palm, coconut, castor, and sperm oil are excluded from the pertinent items for June-August; beginning September 1950, these oils have been restored on a commercial stock basis.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time.

The series on vegetable-oil exports includes cottonseed, linseed, corn, coconut, peanut, and soybean oil, cocoa butter, vegetable soap stock, cooking fats other than lard, and all edible and inedible vegetable oils and fats. The data include a quantity of cooking fats containing some animal cooking fats which are not reported separately. Beginning January 1948, data include oleomargarine of animal or vegetable origin; exports of oleomargarine for that month amounted to 847,000 lbs. The series includes, except as noted, all vegetable oils, fats, and compounds thereof, which have substantially related or competitive uses, though not all the items included are strictly oils. Beginning 1947, data include shipments under the Army Civilian Supply Program which were not reported previously (see note 1 for p. 102). For 1947 these shipments amounted to 187,000 pounds.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1922-34 and monthly figures for 1934-40 are available in the 1942, 1940, and 1938 SUPPLEMENTS and earlier monthly figures beginning 1922 are on p. 18 of the June 1938 SURVEY; there have been a few minor revisions in the figures for 1938 and the September 1933 figure should read 4,995.

² Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data are imports for consumption.

Paint-oil imports include tung oil, linseed oil, perilla oil and beginning 1936, oiticica oil. Separate data on oiticica oil for earlier years are not available, but the quantities imported in those years are believed to have been too small to affect materially the comparability of the series. The classification of "paint oils" is segregated because from 80 to over 90 percent of the domestic factory consumption of these oils is in the paint, varnish, linoleum, and oil-cloth industries. Although other vegetable oils, notably soybean oil and castor oil, are used in paint manufacture, their other uses are more important.

It is not possible to make any further classification of vegetable-oil imports by type of use, since most of the vegetable oils imported can be, and are, used interchangeably in the manufacture of vegetable shortenings, oleomargarine, soap, and other edible and inedible compounds, the type of use for any one oil shifting substantially from year to year. "All other vegetable oils" cover all types of edible and inedible expressed vegetable oils, except the paint oils, but exclude vegetable tallow and wax, and essential or distilled oils; the major oils covered include coconut, corn, cottonseed, peanut, olive, palm, palm kernel, soybean, sunflower seed, and rapeseed oil. In recent years, however, imports of some of these oils—notably corn, palm kernel, sunflower, peanut, and sesame—have been small.

Some imported oils are reexported. The quantities for paint oil and other oils are given in the table below (annual totals in thousands of pounds). The figures shown in this table cover only free oils (with the possible exception of a small amount of dutiable oil that may have been reported in a group of miscellaneous oils and therefore included in the figures for

"other oils"), since dutiable oils imported for reexport would not be included in the figures of imports for consumption. The figures for paint oils represent tung oil and beginning 1943, oiticica oil (rapeseed is included with oiticica beginning 1944); these are the only free paint oils reexported.

Year	Paint oils	Other oils	Year	Paint oils	Other oils
1935	4,924	16,558	1943	853	43,804
1936	5,961	12,311	1944	913	34,578
1937	7,053	12,745	1945	999	21,687
1938	4,628	8,511	1946	1,212	14,044
1939	5,911	25,867	1947	5,708	15,592
1940	4,481	41,386	1948	8,636	8,875
1941	3,102	51,480	1949	8,593	8,890
1942	83	8,008	1950	12,514	1,829

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1936-40 are shown in the 1942 and 1940 SUPPLEMENTS and are correct except for small revisions in the 1937-38 figures for "all other vegetable oils" and the total, because of an error in converting one of the oils from gallons to pounds, and a correction in the August 1938 figure for paint oils; the revised figures are available upon request. Oiticica oil, included in paint oils in the monthly average for 1936, is included in "all other vegetable oils" in the monthly figures for that year since it was included in a miscellaneous group in the monthly reports. Monthly figures for 1921-35 for paint oils and 1923-35 for "all other vegetable oils" are shown on p. 18 of the June 1938 SURVEY.

³ See note 1 for p. 121.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning April 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Import figures cover imports for consumption. Substantial quantities of copra and coconut oil are reexported in some years. Monthly average amounts reexported for 1935-50 are as follows: Copra (short tons)—1935, 503; 1936, 505; 1937, 2,058; 1938, 2,449; 1939, 500; 1940, 1,514; 1941, 2,686; 1942, 315; 1947, 1,437; 1948, 78; 1949, 279; coconut oil (thousands of pounds)—1935, 190; 1936, 272; 1937, 84; 1938, 157; 1939, 792; 1940, 1,044; 1941, 440; 1942, 144; 1943, 197; 1944, 387; 1946, 112; 1947, 223; 1948, 32; 1949, 1. There were no reexports of copra in 1943-46 and of coconut oil in 1945; reexports of both items were negligible in 1950. Flaxseed was not reexported.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT (revisions—copra, 1917 average, 15,279 short tons); monthly data for 1923-37 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS; there have been some minor revisions in figures shown in the latter volume and a few larger revisions as follows: Copra (short tons)—January 1931, 17,028; February 1931, 16,567; November 1931, 22,465; coconut oil, August 1930, 28,320 thousand pounds.

⁵ Averages are based on end-of-quarter stocks.

⁶ Less than 500 pounds.

⁷ Beginning January 1948, oleomargarine is included; see note 1 for this page.

⁸ Data for stocks of crude coconut oil are not available for publication for June-August; beginning September 1950, data have been restored on a commercial stock basis.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data are collected under an Act of Congress which provides that the Bureau of the Census shall collect from all oil mills monthly reports concerning cottonseed received, crushed, and on hand, and cottonseed products manufactured, shipped out, and on hand; also that information be obtained from the refineries and consuming establishments and from brokers and warehousemen concerning crude and refined cottonseed oil. Complete coverage is maintained for cottonseed-oil mills and refineries. Stocks of refined cottonseed oil exclude quantities held by a number of small occasional consumers; however, the total quantity held by these establishments accounts for only a small part of total stocks and has no significant effect on the statistics.

There were 346 mills in the United States which crushed cottonseed during the years ended July 31, 1947-49, compared with 360 in 1946, 382 in 1945, 394 in 1944, 410 in 1943,

426 in 1942, 446 in 1941 and 1940, and 462-478 in 1935-39. In addition, there were 29 mills with the necessary equipment which did not crush any cottonseed in 1948, 42 mills in 1947, and 48 mills during the 1940-46 season.

Receipts of cottonseed at mills represent net receipts, excluding seed reshipped; they include some seed later destroyed. Stocks of crude oil include holdings of crude mills and of refining and manufacturing establishments, and oil in transit to refiners and consumers. Refined stocks include (in addition to stocks held at refineries and consuming establishments) oil held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and stocks in transit to refiners and manufacturers.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT and monthly figures for 1932-37 appear in the 1940, 1938, and 1936 volumes (revisions for cottonseed consumption, 1934, in short tons—February, 437,274; July, 100,699; monthly average, 326,157). Monthly data for 1923-30 are available in the 1932 SUPPLEMENT and 1931 figures (revised) are on p. 20 of the February 1933 SURVEY.

² See note 1 for p. 121.

³ See note 3 for p. 125.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent the price of prime, summer, yellow, bleachable, tank-car deliveries, per pound, New York.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS; the July 1926 figure in the latter volume should be \$0.151.

⁵ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. The figure given for each year is the estimated total United States crop for the year. Figures for 1935-49 are final estimates. Estimates for 1913-33 are available in the 1942 SUPPLEMENT; revised estimate for 1934, 5,719,000 bushels.

⁶ Averages are based on end-of-quarter stock figures.

⁷ No quotation for August and September; 1946 average is for 10 months.

⁸ Beginning July 1950, data are compiled by the Bureau of the Census; see note 3 for p. 125.

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¹ See note 4 for p. 122.

² Wholesale price data for flaxseed are from the U. S. Department of Agriculture, Bureau of Agricultural Economics, and for linseed oil from the U. S. Department of Labor, Bureau of Labor Statistics. The flaxseed price is an average of daily prices, weighted by carlot sales, obtained originally from the Minneapolis Daily Market Record. The linseed-oil price is the average of the market price (low) for Saturday for raw, carlots, drums, f.o.b. New York.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT (revisions, flaxseed, 1939—March, \$1.96; August, \$1.53). Monthly figures for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revision, linseed oil, November 1933, \$0.096). Prices of linseed oil were quoted per gallon prior to October 1925 and were reduced to a per-pound basis at 7-1/2 pounds to the gallon.

³ See note 1 for p. 121.

⁴ See note 5 for p. 123.

⁵ Averages are based on end-of-quarter stock figures.

⁶ No quotation.

⁷ Average for 11 months, January and March-December.

⁸ No sales.

⁹ Average for 10 months, January-April and July-December.

¹⁰ Less than 500 bushels.

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¹ See note 1 for p. 121.

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The series for soybean oil is for refined, edible, returnable drums, l.c.l., f.o.b. New York, beginning 1940. Earlier data, shown in italics, are for domestic, refined, tank carlots, f.o.b. New York; the comparable average for 1940 is \$0.066. Monthly figures for January-December 1940 for the current series for edible oil are as follows (dollars per pound): 0.078; 0.078; 0.081; 0.078; 0.076; 0.071; 0.072;

0.068; 0.065; 0.064; 0.067; 0.068. Monthly averages for 1930-34 and monthly figures for 1938-41 for the italicized series are shown in the 1942 SUPPLEMENT; monthly figures for 1930-37 for this series are available upon request.

The oleomargarine price is for vegetable fat in 1-pound cartons, in cases of 12 and 24, delivered eastern United States, manufacturer to jobber. Monthly figures for 1926-40 are available upon request.

Monthly data for 1941-46 for the new soybean-oil series and for oleomargarine are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

³ Data for production of oleomargarine and consumption of refined cottonseed oil in the production of oleomargarine (p. 123) are compiled by the U. S. Department of Commerce, Bureau of the Census, beginning July 1950. For the earlier period, data are compiled by the U. S. Treasury Department, Bureau of Internal Revenue, from returns made for tax purposes. Data from both sources are believed to represent the entire industry. Stock data are from the Bureau of the Census and are not available prior to 1949.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual data beginning 1913 for production, and beginning 1922 for consumption of cottonseed oil and monthly figures for 1923-40 for both series are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS; revisions of figures in the latter volume (thousands of pounds): Production—January 1923, 20,877; March 1923, 21,054; February 1928, 27,624; July 1931, 11,380; August 1931, 15,999; cottonseed oil, consumption in oleomargarine—September 1925, 1,872; July 1931, 885.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports of about 680 establishments beginning 1936. Of this number, 580 reported classified sales and 100 reported only total sales. Sales reported by these establishments are equivalent to approximately 85 percent of the total value of shipments and interplant transfers as reported in the 1947 Census of Manufactures. According to available information, the coverage was somewhat higher in earlier years. The 1935 average and averages for earlier years shown in the 1942 SUPPLEMENT are based on reports of 579 establishments, raised to the level of data for 680 establishments on the basis of the relationship between the annual totals for 680 and 579 companies for 1936-41. The ratio between the two series was fairly consistent and was approximately 1.04.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1928-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT and monthly figures for 1936-37 are available on p. 26 of the July 1942 SURVEY.

⁵ Averages are based on end-of-quarter stock figures.

⁶ Data beginning July 1950 are compiled by the Bureau of the Census; see note 3 for this page.

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¹ Compiled by the U. S. Tariff Commission beginning July 1948 and by the U. S. Department of Commerce, Bureau of the Census prior to that month. Data for all plastics and resin materials, except for vinyl resins, are on a dry basis (includes the weight of resin, plasticizers, extenders, fillers, coloring agents, and stabilizers, but excludes solvents, water, and other liquids). Vinyl resins, with the exception of sheeting and film, are reported on a resin-content basis (excludes fillers, plasticizers, extenders, solvents, and liquids).

Beginning January 1949, data represent production and are essentially comparable with the earlier figures for shipments and consumption in producing plants, except for inventory changes (which tend to balance out over a short period) and the inclusion of a few companies not previously covered. Data for the entire period available (beginning August 1933 for cellulose acetate and nitrocellulose sheets, rods, and tubes) represent virtually complete coverage of the industry. Reports of the compiling agency give separate figures beginning June 1945 for most of the individual products included in the combined totals shown here for the several kinds of resins. In a few instances, however, figures are not shown for the entire period, either because of incomplete information or to avoid disclosing the operations of individual companies. For this reason, comparable data are not available prior to January 1946 for other cellulose plastics, total phenolic and other tar acid resins, and total urea and melamine resins; prior to September 1945 for polystyrene; prior to June 1946 for vinyl resins; and prior to August 1946 for miscellaneous resins.

Data prior to June 1945 for nitrocellulose and cellulose acetate in sheets, rods, and tubes are complete, or practically complete, and are comparable with later data. There have been some changes in the reporting companies but it is believed that the changes have not appreciably affected the comparability of the data. Beginning February 1941, data for cellulose acetate (sheets, rods, and tubes) do not include shipments of cellulose acetate safety-glass sheets. However, the comparability of the series is not materially affected, since cellulose acetate has been supplanted by other plastics in the production of this type of product. Data for cellulose acetate (molding and extrusion materials) exclude consumption in reporting companies prior to June 1945; amounts reported, beginning that month, are comparatively small so that the comparability of the statistics is not greatly affected.

Monthly data for 1941-1946 for cellulose acetate and nitrocellulose and beginning 1945 or 1946 for the other items are available in the 1947 STATISTICAL SUPPLEMENT. Revisions for 1946 (thousands of pounds): Phenolic resins—January-December, 18,891; 17,913; 19,782; 21,445; 21,990; 22,548; 22,707; 25,145; 16,097; 18,087; 16,612; 20,453; monthly average, 20,139; urea and melamine resins—July-December, 4,858; 6,011; 3,893; 6,215; 5,943; 5,635; monthly average, 4,805. Available monthly averages prior to 1935 and monthly figures for 1934-40 are shown in the 1942, 1940, and 1938 SUPPLEMENTS, and monthly figures for August-December 1933 for sheets, rods, and tubes are in the 1936 SUPPLEMENT; earlier figures shown in the latter volume are not comparable with later data. The data for sheets, rods, and tubes comparable with figures shown here are designated "shipments", but cover both shipments and consumption in reporting plants, as explained in notes.

² Includes fillers, plasticizers, and extenders. "Other cellulose plastics" include methyl and ethyl cellulose and related plastics.

³ Data cover laminating resins, adhesives, molding materials (including fillers, plasticizers, and extenders), and resins for miscellaneous uses (including casting); protective coatings are not included.

⁴ Includes fillers, plasticizers, and extenders but excludes protective-coating resins.

⁵ Includes adhesives, textile- and paper-treating resins, and resins for miscellaneous uses (including laminating and, beginning 1949, molding materials; molding materials are included under miscellaneous resins through December 1948 and are not available separately prior to 1949).

⁶ Data cover sheeting and film (including safety-glass sheeting), adhesives, textile- and paper-treating resins, molding and extrusion materials, etc. Sheeting and film are on a dry basis and all other items are on a resin-content basis; see note 1 for this page.

⁷ Includes both modified and unmodified phthalic anhydride resins and polybasic acid resins, except phthalic.

⁸ Includes rosin and rosin esters, unmodified (ester gums, etc.) and rosin and rosin esters, modified (hard resins).

⁹ Includes petroleum resins, acrylic acid ester resins, mixtures and miscellaneous synthetic materials (all on a dry basis), other than protective-coating resins, and all molding materials (including fillers, plasticizers, and extenders).

¹⁰ Excludes data for rods and tubes for June-August; however, this does not appreciably affect the comparability of the statistics.

¹¹ Average for 4 months, September-December.

¹² Average for 7 months, June-December.

¹³ Includes only adhesives and textile- and paper-treating resins in September; data for other urea and melamine resins could not be shown in the original reports without disclosing operations of individual establishments; the excluded data averaged about 6.9 percent of the totals for other months.

¹⁴ Average for 5 months, August-December.

¹⁵ Data for May-December are not available for publication; average is based on 4 months, January-April.

¹⁶ Data for June are not available for publication; average is based on 11 months.

¹⁷ Beginning January 1949, data represent production; see paragraph 1 for note 1 for this page.

¹⁸ Includes annual revisions not available by months.

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¹ Compiled by the *Federal Power Commission*. Total production of electric energy is the sum of energy produced by electric utilities and other organizations producing electric energy for public use and by industrial establishments.

The series for "utilities" represent a continuation of the revised data published in the 1949 and 1947 issues of the STA-

STATISTICAL SUPPLEMENT to the SURVEY. Reports are solicited from all utilities and other organizations generating electric energy for public use. The capacity of small standby plants operating infrequently and having insignificant production amounts is included, although regular monthly reports are not requested from such plants. The series covers production by privately owned and municipally owned electric utilities and a group of other producers generating electric energy for public use, including Federal projects, cooperatives, power districts, State projects, and publicly owned noncentral stations. The latter operate primarily for such functions as public street lighting, water pumping, and sewage disposal. Reports are received each month representing approximately total production. At the end of 1950, 1,495 establishments operating 3,867 generating plants were reporting.

The present series for utilities, or production for public use, excludes production of stationary generating plants operated for motive power by electric railways and electrified steam railroads, formerly included in the data, and a comparatively small quantity formerly included for certain mining and manufacturing plants supplying energy to utilities and to others. In eliminating data for railways and railroads, plants of the municipally owned transit system in New York City, formerly included in the publicly owned noncentral station class, were also excluded.

The series for industrial establishments represent estimated total production by manufacturing (including Government manufacturing) and extractive industries and stationary plants operated for motive power by electric railways and electrified steam railroads, exclusive of production where plant capacities are less than 100 kilowatts, where activities are presumably on a temporary basis as in Army camps and other nonmanufacturing Government establishments, and where data are not currently available because of the size or character of the business. The data are based on reports of industrial producers of electric energy with plant capacities of 100 kilowatts or more, which account for around 85 percent of total production by industrial establishments, on data reported by the U. S. Bureau of the Census in the 1939 Census of Manufactures, the 1939 Census of Mineral Industries, and related statistics. Data are not available prior to 1939.

Monthly data for 1941-46 (revised basis) on the production of electric energy by electric utilities and industrial establishments are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1920-40 for privately owned and municipally owned utilities are available in the 1942 SUPPLEMENT and on p. 18 of the December 1940 SURVEY. Revised annual totals or monthly averages for 1920-34 and monthly figures for 1936-40 for total production by utilities and production by source are shown on p. 32 of the February 1947 SURVEY; revised monthly averages and monthly figures for the indicated periods may be obtained for "other producers" by subtracting from the revised totals in that issue data for privately owned and municipally owned utilities referred to above. As indicated above, the data on electric-power production beginning with the 1947 SUPPLEMENT differ from the data for utilities formerly carried chiefly by the exclusion of energy produced by electric railways and electrified steam railroads. Exclusion of these producers from the present series for utilities has reduced the totals of the series carried in the 1942 SUPPLEMENT by amounts ranging from 3 percent in 1935 to 9 percent in 1920. Monthly data for 1920-35 covering output of electric utilities as reported prior to the revision will be found on pp. 17 and 18 of the December 1940 SURVEY.

² Compiled by the *Edison Electric Institute*. Monthly data beginning 1937 are in accordance with revisions made by the Institute to conform to the published data of the "1937 Census of Electric Light and Power Industry" and to reflect data based on the System of Accounts of the Federal Power Commission which was effective January 1, 1937.

Data are industry estimates computed from enterprises representing approximately 85 percent of the industry. These data cover statistics for the entire electric light and power industry contributing to the public supply in the United States, which includes all private, cooperative, municipal, governmental, and industrial enterprises engaged in the production or distribution of electricity for the use of the public. Comparability of data prior to 1937 is discussed below.

The classification "rural" beginning 1937 is based on the filed rate schedule and includes rural and farm customers served on a distinct rural or farm rate; it covers, in addition to a limited number of farm customers, the residences and commercial establishments in the smaller communities which are

served on "distinct rural rates." A large part of the agricultural pumping or irrigation load in the West is on distinct or special rural rates. Those farm customers which are served on residential or domestic rates are included in the "residential or domestic" classification beginning 1937. Many farms and residents of small hamlets are served on the regular residential rate schedules and hence are included in the "residential or domestic" classification. Prior to 1937, data in the latter classification represent a total of residential service (urban-rural nonfarm) and service to farms in the East, while data under "rural" include data for western farms only.

Data prior to 1937 for commercial and industrial service distinguishing between small and large customers are not strictly comparable with later figures because of changes in the systems of accounts and in the service classifications. The dividing point between small and large is now on the basis of 50 kilowatts of demand or as near to this as rate classifications will permit.

Monthly figures for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1926-34 (except for street and highway lighting, other public authorities, and interdepartmental) and monthly data for 1938-40 will be found in the 1942 SUPPLEMENT. Revised data for all series for 1937 are available upon request. Because of classification changes, monthly data for 1937 published in the 1940 SUPPLEMENT are not comparable with data shown in later volumes. With regard to total sales, revenue from sales, residential or domestic sales, small light and power (formerly called retail commercial and industrial) sales, and railways and railroads, monthly data for the years 1934-36 are available in the 1940 and 1938 SUPPLEMENTS; those for the years 1928-33 may be had upon request.

³ Interdepartmental sales in these years were considered either energy used by the company or by the railway department thereof and were not included in sales. Beginning 1937 such energy is considered as sales.

⁴ Average based on annual data; no comparable monthly figures available.

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¹ See note 2 for p. 127.

² Compiled by the *American Gas Association*, representing complete coverage of the gas utility industry. Classifications are made according to the kind of gas actually distributed. The data, therefore, pertain to the specific types of gas indicated, not to operations of a comparable group of companies. Figures shown in the present volume supersede those in earlier issues of the STATISTICAL SUPPLEMENT, except the 1945 and 1946 figures which correspond to those in the 1949 SUPPLEMENT.

Adjustments have now been made for differences in definitions of the types of gas used prior to 1945 and data are comparable for all years shown here. For statistical purposes the types of gas are defined as follows: "Natural gas"—straight natural gas, stabilized natural gas, and mixtures thereof; "manufactured gas"—water gas, retort coal gas, coke-oven gas, oil gas, blue gas, producer gas, reformed gas, and any mixtures thereof (includes mixtures of manufactured and natural gas, or liquefied petroleum gas, where the natural or liquefied petroleum gas has been introduced into what was formerly a straight manufactured-gas process as a substitute for oil enrichment and where the heating value of the resulting gas does not exceed that of the straight manufactured gas previously produced); "mixed gas"—mixtures of manufactured gas with natural or liquefied petroleum gas, except where the natural or liquefied petroleum gas is used only for enriching or reforming (the separate figures for manufactured and mixed gas, available only beginning 1945, are combined here and in the monthly SURVEY OF CURRENT BUSINESS). "Liquefied petroleum gas" is defined as undiluted liquefied petroleum vapors, butane-air gas, propane-air gas (if distributed through pipelines), and any mixtures thereof. Prior to 1945, figures for liquefied petroleum gas are included with those for manufactured gas; separate data for this type of gas have been compiled beginning 1945 (on annual basis only, 1950 not yet available), but they are not included with figures shown here. (Data for total customers, sales, and revenues for liquefied petroleum gas for 1945 through 1949, respectively, are as follows: Number of customers, annual average—81,000; 123,000; 232,000; 315,000; 352,000; sales, in millions of cubic feet—2,716; 4,110; 7,181; 10,000; 10,408; revenues from sales, in thousands of dollars—4,026; 6,086; 11,672; 18,655; 22,298.)

All sales data relate to sales to ultimate consumers; sales for resale and related revenue are excluded. Figures for natural gas do not include natural gas used in field operations and in the manufacture of carbon black (unless sold by a utility), or gas used by distributing companies in the conduct of gas operations. Data on residential sales of natural gas include house heating, since there is usually no special rate for house heating by natural-gas companies. Sales for industrial use include, in general, that gas used in production or manufacture of some commodity destined for further sales, while commercial gas sales generally relate to gas consumed in rendering a service, as delicatessen shops, hotels, retail stores, etc. Sales of gas for street and highway lighting (very small) and other municipal uses are included.

Sales to consumers are compiled on both a monthly and quarterly basis, whereas data for other items are compiled quarterly only. The reported monthly or quarterly data are expanded by the Association to represent 100 percent of the gas utility industry; this is done on the basis of annual surveys covering almost the entire industry, supplemented by data from secondary sources. Monthly and quarterly figures through 1949 have been adjusted to final annual totals for the pertinent years; 1950 data are preliminary. The reported 1950 monthly figures on total sales are adjusted to quarterly sales data (based on a larger sample) by applying to the quarterly totals the percentage distribution of the reported monthly figures.

Monthly or quarterly data for 1945-46 (compiled on type-of-gas basis and comparable with figures shown in the present volume) appear in the 1949 STATISTICAL SUPPLEMENT. Revised annual figures for 1932-34 are available upon request.

³ The averages for manufactured and mixed gas sales and revenues, including those for total sales, are quarterly averages and, prior to 1950, are based on revised annual totals. The figures for customers are annual averages for 1935-44 and averages of end-of-quarter figures for 1945-50.

⁴ Average based on annual data; no comparable monthly figures available.

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¹ See note 2 for p. 128.

² The averages for sales and revenues, including those for total sales, are quarterly averages and, prior to 1950, are based on revised annual totals. The figures for customers are annual averages for 1935-44 and averages of end-of-quarter figures for 1945-50.

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¹ Compiled by the *U. S. Treasury Department, Bureau of Internal Revenue*. Data represent complete coverage of the domestic fermented malt-liquor industry, including beer, ale, and other liquor produced from fermented malt. Data for Hawaii and, through June 1942, data for Alaska are included. The number of breweries operated and the amount produced, removed by pipeline, removed in barrels and kegs, and stocks on hand, by States, are given in the regular monthly press releases. Tax-free withdrawals, including the amount withdrawn for export, consumed on brewery premises, used for cereal beverages, and also the amount lost, are not included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1933-34 (also estimated tax-paid withdrawals for 1913-19) and monthly data for 1938-40 are available in the 1942 SUPPLEMENT; monthly data for April 1933-37 appear on p. 16 of the July 1939 SURVEY and in the 1940 SUPPLEMENT.

² Compiled by the *U. S. Treasury Department, Bureau of Internal Revenue*. The data represent complete coverage of operations of registered distilleries and fruit distilleries, exclusive of production for industrial purposes from January 1942 through September 1945.

In addition to whisky which is shown separately, the totals for distilled spirits include rum, gin, brandy, and other distilled spirits produced for beverage purposes. Normally registered and fruit distilleries are authorized to produce only beverage spirits. Because of the greatly increased demand for industrial alcohol during the war, Congress, by the acts of January 24 and March 27, 1942, made it legal for beverage distillers to engage in production of high-proof spirits for industrial purposes. Subsequently production of spirits other than brandy and rum for beverage purposes was prohibited after October 8, 1942, until the end of the war period, except under special authorization during so-called liquor holiday months

(August 1944, January 1945, and July 1945). Production figures for January 1942-September 1945 include only amounts of high-proof spirits produced for beverage purposes. Small amounts for industrial purposes are included after September 1945 since such production was not reported separately. (Total production of high-proof spirits by registered distilleries for 1942-45 are shown on p. 111 of the 1947 STATISTICAL SUPPLEMENT and the amounts for beverage purposes included in the totals and duplicated here are given separately in a note on the item.) Production figures are net, that is, gross production less amounts used in redistillation.

Stocks are domestic stocks in internal revenue bonded warehouses, based on the original entry gauge. Losses are not determined until withdrawal and are therefore not included except for distilled spirits in cases for which losses have already been determined.

Withdrawals represent tax-paid withdrawals from registered and fruit distilleries and internal revenue bonded warehouses, but do not include withdrawals of brandy and spirits for the fortification of wine and rum and other spirits for denaturation. For statistics relating to ethyl alcohol produced at industrial alcohol plants, see p. 117 of this volume. The amounts of ethyl alcohol withdrawn tax-paid shown on that page are largely for beverage purposes.

A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon (see note 5 following for definition of a standard proof gallon). For spirits of less than 100 proof the tax gallon is equivalent to the wine gallon.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-19 and 1933-34 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT; earlier monthly data appear in the 1940 SUPPLEMENT and on pp. 15-16 of the July 1939 SURVEY.

³ Compiled by the *Distilled Spirits Institute, Inc.* Data are based on sales in all States in which sales of distilled spirits are legal. From 1939 through June 1949, data cover 45 States and the District of Columbia; beginning July 1949, 46 States and the District of Columbia are represented. The sale of distilled spirits in Mississippi and Oklahoma is prohibited. Sales were prohibited also in Kansas prior to July 1949 and in one or more additional States prior to 1939. Data represent actual gallonage sales based on tax stamp sales in the 29 license States and in the District of Columbia (except that since 1947, data for several States represent gallonage shipments to wholesalers) and on actual wholesale and retail sales, as reported by State Liquor Control Authorities, in the 17 monopoly States.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT and for 1941-43 in the 1947 volume; data for 1944 appear on p. S-27 of the November 1948 SURVEY. Monthly average for 1934 and monthly figures for 1938-39 are available in the 1942 SUPPLEMENT and monthly figures for 1940 (revised since publication of that volume) are shown on p. 22 of the July 1946 SURVEY. Monthly data for 1934-37 are available upon request.

⁴ Compiled by the *U. S. Department of Commerce, Bureau of the Census* beginning May 1941 and *Bureau of Foreign and Domestic Commerce* prior to that time. Data include spirits, cordials, liqueurs, bitters, ethyl alcohol, and compounds containing spirits. They represent imports for consumption.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT and for 1941-44 in the 1947 volume (there are minor revisions in the 1943 figures for total distilled spirits). Monthly averages for 1913-19 and 1933-34 and monthly data for 1936-40 are available in the 1942 and 1940 SUPPLEMENTS; monthly data for 1933-38 for the total and for 1934-38 for whisky are shown on pp. 15 and 16 of the July 1939 SURVEY (total distilled spirits for December 1935 should read 706,000 proof gallons).

⁵ Compiled by the *U. S. Treasury Department, Bureau of Internal Revenue*. Data represent complete coverage of the industry. Rectified spirits are spirits changed from their original character, such as blended whiskies, liqueurs, and cordials. Total rectified spirits and wines produced include whisky, gin, cordials, and liqueurs, and small quantities of alcohol, rum, brandy, wine, vermouth, and cocktails and other unclassified spirits. Materials used and production by kinds are available in the original reports.

A standard proof gallon is a wine gallon (231 cubic inches) of 100 proof spirits, the proof being twice the percent of the content, by volume, of ethyl alcohol. In a wine gallon of spirits of more or less than 100 proof, the number of proof gallons is proportionally greater or smaller than 1 proof gallon.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1934 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT; earlier monthly data are shown in the 1940 SUPPLEMENT and on p. 17 of the July 1939 SURVEY.

⁶ Barrels of 31 gallons.

⁷ Average based on annual total which includes revisions not available by months.

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¹ Compiled by the *U. S. Treasury Department, Bureau of Internal Revenue*. The data represent complete coverage of the industry. Figures are reported in taxable units and converted to wine gallons on the basis of 20 taxable units (one-half pint or fraction thereof in bottle or container) per wine gallon. Data cover champagne, other sparkling wine, and artificially carbonated wine.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1936-40 are available in the 1942 and 1940 SUPPLEMENTS and earlier monthly figures are on p. 18 of the July 1939 SURVEY.

² Compiled by the *U. S. Department of Commerce, Bureau of the Census* beginning May 1941 and *Bureau of Foreign and Domestic Commerce* prior to that time. Data represent imports for consumption.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-19 (fiscal years ended June 30) and monthly figures for 1936-40 are available in the 1942 and 1940 SUPPLEMENTS and earlier monthly figures appear on p. 18 of the July 1939 SURVEY.

³ Compiled by the *U. S. Treasury Department, Bureau of Internal Revenue*. The data represent complete coverage of the industry. Data for Hawaii are included. Production of still wines represents the amount removed from fermenters, exclusive of distilling materials produced at wineries beginning July 1942 in the monthly figures (shown in 1947 STATISTICAL SUPPLEMENT) and beginning 1943 for the monthly averages. Increases due to amelioration, fortification, and blending occurring after removal from fermenters are not shown.

Distilling materials produced at wineries represent substandard wines produced with excessive water or residue materials, which are used as distilling materials in the production of brandy. They were not reported separately from production of still wines prior to July 1942.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1936-40 are available in the 1942 and 1940 SUPPLEMENTS and earlier monthly figures are on p. 17 of the July 1939 SURVEY.

⁴ Compiled by the *U. S. Department of Agriculture, Bureau of Agricultural Economics*, from factory reports sent directly to the Department. Data for butter include the production of whey butter. Total cheese production includes American type cheese (whole milk and part skim) and foreign and miscellaneous types (Swiss, Brick and Munster, Limburger, Italian, Neufchatel, cream cheese, etc.), but excludes cottage, pot, and bakers' cheese and American full skim. The latter is included in data shown in the 1942 and earlier issues of the SUPPLEMENT. The figures shown separately for American cheese include production from whole milk only, which generally accounts for about 99 percent of the total American cheese output; data represent largely Cheddar cheese but include other varieties known as Colby, washed curd, high and low moisture Jack, Monterey, and granular.

Monthly data for 1945-46 (except for total cheese in 1946, available on p. 24 of the August 1950 SURVEY) are shown in the 1949 STATISTICAL SUPPLEMENT; monthly data for 1941-44 appear in the 1947 volume. Monthly averages beginning 1913 (1919 for American cheese) and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT. See note in that volume for source of data prior to 1930. Monthly data for butter and American cheese for 1932-37 appear in the 1940, 1938, and 1936 SUPPLEMENTS, and monthly data for 1930-37 for total cheese production (including American full skim amounting to not more than two-tenths of 1 percent of the total) are shown on p. 17 of the November 1939 SURVEY (revision, August 1930, 44,504,000 pounds). Earlier data for these series shown in the 1932 SUPPLEMENT and on p. 17 of the November 1939 SURVEY have been revised to allow for incompleteness in reports. The revised monthly data are available on pp. 63-65 of Technical Bulletin No. 722, "Production and Consumption of Manufactured Dairy Products," published in April 1940 by the U. S. Department of Agriculture.

⁵ Data are compiled by the U. S. Department of Agriculture, Production and Marketing Administration, from reports made by cold-storage establishments and are given on a "net weight" basis. Data cover stocks held in public and private cold-storage warehouses and cover approximately 99 percent of all stocks held.

Stocks of butter and cheese include those held by the various States for relief distribution from April 1938-April 1940 and, since June 1938, Government holdings, which represent stocks held by the U. S. Department of Agriculture and other agencies. They include also stocks owned by the armed services and stored in warehouse space not owned or leased by them. Stocks held in space owned and operated by the armed services are not included. The monthly figures are the stocks as reported for the first of the month following the period designated.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1915 or 1917 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT (revision for American cheese, 1938 average, 96,416,000 pounds; revision for total cheese, July 1939, 118,809,000 pounds); monthly figures for 1923-37 (except cheese for December 1926-December 1931) appear in the 1940 and earlier SUPPLEMENTS. Data for cheese were revised for the period December 1926-December 1931 and are shown on p. 19 of the April 1933 SURVEY, except figures for December 1926 which are as follows: Total, 74,217,000 pounds; American, 56,758,000 pounds.

⁶ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Data are average wholesale prices of creamery butter, 92-score, in bulk, at New York City, for cash and short-term credit. Prices were under Government control from the latter part of 1942 until July 1946. Temporary price ceilings were established by the Office of Price Administration in October 1942 and specific dollar-and-cents ceilings on December 30, 1942. The method of quoting the prices was changed effective the latter date.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT; monthly data for 1923-37 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revisions: February 1924, \$0.51; April 1925, \$0.45; January 1927, \$0.49; March 1927, \$0.50; December 1928, \$0.50.

⁷ Stocks as of June 30.

⁸ Production of distilling materials is included in figures for production of still wines; see note 3 for this page.

⁹ Average of stocks as of June 30, September 30, and December 31.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and the Bureau of Foreign and Domestic Commerce prior to that time. Data for imports of cheese are imports for consumption. All classes of cheese are included.

Exports include Army civilian supply shipments beginning 1947; data were not reported prior thereto (see note 1 for p. 102). In 1947, 5,000 pounds of condensed milk and 142,000 pounds of evaporated milk were included.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT (revisions, December 1946, in thousands of pounds, —condensed milk, 13,515; evaporated milk, 48,102); monthly data for 1941-44 appear in the 1947 volume. Monthly averages beginning 1913 for imports of cheese and 1920 for exports of condensed and evaporated milk and monthly figures for 1938-40 for all series are available in the 1942 SUPPLEMENT. Monthly data for 1923-37 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revisions of data in the latter volume, in thousands of pounds: Cheese—1926, October, 9,719; 1930, October, 6,325; December, 5,237; condensed milk—December 1924, 3,151. Data through 1933 for imports of cheese are general imports.

² Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Data represent the average wholesale price of single daisies at Chicago; this price has been substituted for that of twins on the Wisconsin Exchange, shown in the 1947 and earlier SUPPLEMENTS. Prices were under Government control from the latter part of 1942 until July 1946. The wholesale price ceiling was increased 3-3/4 cents per pound February 1, 1946, to offset the discontinuance of the processors' subsidy of 3-3/4 cents which was in effect from December 1, 1942 through January 31, 1946.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT. Monthly figures for 1928-44 are available on request.

³ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data represent practically the entire industry for evaporated milk and for sweetened condensed milk. The series on evaporated milk relate to case goods produced from unskimmed milk. Figures for condensed milk include production from skimmed and unskimmed milk sweetened by the addition of sugar. In addition to the monthly series shown here, which are available currently, monthly data on production of unsweetened condensed milk in bulk for industrial users are issued annually by the Department of Agriculture. Stocks of bulk goods for condensed milk have not been available since September 1939.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1936-40 (except 1939-40 monthly figures for production of condensed milk, bulk goods) are available in the 1942 and 1940 SUPPLEMENTS. Monthly data for 1923-35 appear in the 1938, 1936, and 1932 SUPPLEMENTS, except for revisions in the data for stocks, as follows (thousands of pounds): Sweetened condensed milk, bulk goods—December 1925, 4,760; August 1928, 19,610; April 1931, 15,941; May 1932, 9,367; July 1933, 11,892; evaporated milk—September 1924, 164,538; May 1925, 151,620; August 1928, 161,706; February 1930, 153,202. The figures for evaporated milk for 1923-30 given in the 1932 SUPPLEMENT include small amounts produced from skimmed milk which are not included in the present series and, therefore, are not strictly comparable. The series for production of sweetened condensed milk bulk goods is not shown in the 1942 SUPPLEMENT but is included in all earlier issues; the 1939 monthly figures for this series, as shown in the 1940 SUPPLEMENT, have been revised; the revised figures for 1939 and monthly figures for 1940 are available upon request.

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data are based on the reports made by manufacturers covering actual sales or goods delivered at manufacturers' distributing points on the basis of cash or short-term credit, and represent the average wholesale selling price per case (forty-eight 14-1/2-ounce cans). Temporary ceiling prices were established by the Office of Price Administration in October 1942 and specific dollar-and-cents ceiling was established for evaporated milk effective December 30, 1942, and for condensed milk effective April 8, 1944. Price control was discontinued in July 1946.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT, and for 1941-44, in the 1947 volume. Monthly averages prior to 1935 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT. Prices of evaporated milk through January 1931 were quoted on the basis of 16-ounce cans and were converted to 14-1/2-ounce cans by multiplying by 0.90625. Monthly figures for 1920-37 are available upon request.

⁵ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data are estimated total production of milk on farms, based on daily average milk production per cow (in about 22,000 herds kept by crop correspondents) and the estimated number of cows on farms.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1924-34 are shown in the 1942 SUPPLEMENT and monthly figures for 1940 are on p. 19 of the April 1947 SURVEY. Monthly data for 1929-39 are available upon request.

⁶ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data represent the consumption of fluid milk in the manufacture of the principal dairy products, with the exception of ice cream. The items included and the conversion factors applied to the production figures of these items to compute the milk equivalent are as follows: Creamery butter, 20.3; American whole milk cheese, 10.1; other whole milk cheese and part skim, 9.6; evaporated milk, 2.16; condensed milk, sweetened and unsweetened (bulk and case), 2.2; and dried whole milk, 7.6. The products included accounted for 94 percent or over of the total whole-milk equivalent of all manufactured dairy products prior to 1941, 92 to 93 percent for 1941-43, 90 percent for 1944-45, 84 percent for 1946, 86 percent for 1947, 87 percent in 1948-49 and 88 percent in 1950. Increased production of ice cream and other frozen products (not included here) accounts for the decline in the percentage.

Monthly data for 1941-45 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1920-40 and revisions for 1946 are available upon request.

⁷ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, from reports of milk distributors, producers' associations, and municipal officers for more than 100 cities (excludes all cities where milk is purchased on the basis of current butter market quotations, but includes cities where "flat" and "basic" prices apply). Prices represent dealers' buying prices for standard grade milk testing 3.5 percent butterfat which is used for city distribution as milk and cream and are for milk delivered f.o.b. local shipping point or at country plant. The prices at country points apply to milk delivered direct by farmers in their own cans to local milk shipping stations and nearby city milk plants. Price per 100 pounds may be reduced to cents per quart by dividing by 46.53.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1922-34 and monthly figures for 1936-40 are in the 1942 and 1940 SUPPLEMENTS. For earlier monthly data beginning 1922 see p. 18 of the August 1939 SURVEY (revision, May 1923, 2.55).

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¹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data cover production and stocks of dry whole milk and of nonfat dry-milk solids for human consumption as reported by the principal firms operating dry-milk factories in the United States.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1938-40 for production and stocks of nonfat dry-milk solids (designated as "dry skim milk for human consumption") appear in the 1942 SUPPLEMENT; monthly data beginning 1935 (the first year they were reported separately from animal feed) are available upon request. Data for total dry skim milk, which include dry skim milk for animal feed, are shown in the 1942 and 1940 SUPPLEMENTS and on p. 17 of the March 1939 SURVEY. The production of dry skim milk for animal feed has been comparatively small since 1943, accounting for only 2 percent of the total production of dry skim milk in 1950.

Monthly data for production of dry whole milk beginning 1918 and stocks beginning 1935 are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data for exports of nonfat dry-milk solids beginning 1944 represent only exports of dry skim-milk for human consumption. Earlier data are believed to similarly represent only that for human consumption, although the data are reported as "dry skim milk" in export statistics and are not specifically stated to exclude exports of dry skim milk for animal feed, if any. Shipments under the Army Civilian Supply Program are included beginning 1947; data were not reported prior thereto (see note 1 for p. 102). In 1947, 10,164,000 pounds of dry whole milk and 134,950,000 pounds of nonfat dry milk solids were included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Data shown in the 1942 and earlier SUPPLEMENTS are combined totals of dry whole milk and dry skim milk; monthly averages beginning 1920 and monthly figures for 1923-40 for the combined totals may be found in the 1942, 1940, 1938, 1936, and 1932 issues. Separate monthly figures for 1932-40 are available upon request.

³ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Prices are based on reports made by manufacturers covering actual sales to jobbers, wholesalers, grocers, and similar buyers, f.o.b. factory, on the basis of cash or short-term credit.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1938-40 may be found in the 1942 volume; earlier monthly data beginning August 1934 are available upon request.

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. The figures represent the year's total crop (not monthly averages) and, with the exception of the figure for 1950, are the final estimates. Quantities unharvested on account of market conditions are included. The data represent estimates of production in the commercial apple areas of each State and include fruit produced for sale to commercial processors, as well as that for sale for fresh consumption.

Commercial production of apples is available only beginning 1934. Data for 1913-28 for the total production of apples are shown in the 1942 SUPPLEMENT. Revised data for 1929-34 are as follows (thousands of bushels): Total production—1929, 135,102; 1930, 156,623; 1931, 205,404; 1932, 146,809; 1933,

148,640; 1934, 128,203 (1934 figure for commercial production comparable with the later data is 106,005).

⁵ Data are compiled by the U. S. Department of Agriculture, Production and Marketing Administration, from reports of officials and local agents of common carriers. Shipments cover those by rail and water (reduced to carlot basis) but do not include shipments by truck which have become increasingly important during the period covered here. Data include shipments for emergency relief and other Government purchases. Shipments of citrus fruits include oranges, lemons, grapefruit, tangerines, and other citrus fruits.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1917-34 and monthly data for 1938-40 are shown in the 1942 SUPPLEMENT; earlier monthly data appear in the 1940, 1938, 1936, and 1932 volumes (revisions for apples, in carlots, 1932—July, 3,593; August, 1,668; September, 8,412; October, 23,736). There have been some revisions in the monthly figures for earlier years but, with the exception of the last three months of 1931 for all series, revisions are of a minor nature.

⁶ Data are from the U. S. Department of Agriculture, Production and Marketing Administration. The monthly averages for cold-storage holdings of apples are based on figures for 9 months (January-May and September-December) for 1935-42 and for 10 months (January-May and August-December) for 1943 and 1944. Small stocks of apples are carried during the summer months, but reports for these periods prior to 1945 are incomplete; hence the reported data are not included in the figures shown here. Stocks of frozen fruits include fruits processed by both "cold-pack" and "quick-freeze" methods.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT. Monthly data for 1936-37 for cold-storage holdings of apples may be found in the 1940 SUPPLEMENT; monthly data prior to 1936 as shown in the 1938, 1936, and 1932 volumes are reported in barrels and may be converted to bushels by multiplying by 3. They are correct except for the following revisions (in barrels): May 1927, 534,000; May 1928, 602,000. Monthly data for cold-storage stocks of frozen fruits for June 1923-December 1937 and of frozen vegetables for 1937 are available upon request.

⁷ Bushels of 48 pounds.

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¹ Reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Figures represent the year's total crop (not monthly averages) and, except for 1950, are final estimates.

Estimates for 1913 to 1928 are available in the 1942 SUPPLEMENT. Revisions for 1929-34 are as follows (thousands of bushels): Potatoes—1929, 333,392; 1930, 343,817; 1931, 384,317; 1932, 374,692; 1933, 343,203; 1934, 406,482; barley—1929, 280,637; 1930, 301,619; 1931, 200,280; 1932, 299,394; 1933, 152,839; 1934, 117,390; corn—1929, 2,515,937; 1930, 2,080,130; 1931, 2,575,927; 1932, 2,930,352; 1933, 2,397,593; 1934, 1,448,920.

² See note 5 for p. 133.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The new series beginning March 1947 represents the average price at New York for all varieties and types of white potatoes (old and new stock), U. S. No. 1 merchantable quality and condition; quotations are as of Monday (as of Tuesday prior to September 1947).

Prices prior to March 1947 (shown in italics) are not comparable with succeeding data. They represent New York prices of white potatoes, U. S. No. 1 (old stock only, until new stock became plentiful). Data for this series for March-May 1947, respectively, are as follows: \$3.006; \$3.490; and \$3.812. Monthly data for 1941-44 are shown in the 1947 STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly data for 1923-40 are available in the 1942, 1940, 1938, and 1936 volumes; these prices were incorrectly described as quotations for Long Island No. 1 potatoes, whereas only the prices prior to 1933 (shown in the 1936 and earlier SUPPLEMENTS) covered this classification.

⁴ Compiled from statistics of the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data include exports of barley, corn, oats, rye, and wheat, plus the grain equivalent of malt, cornmeal, oatmeal, and wheat flour. The conversion factors used are as follows: Malt—9/10 of a bushel to a bushel of barley through 1943 and beginning 1944,

1 bushel of malt per bushel of barley; cornmeal—4 bushels of corn to a barrel of cornmeal through 1945 and 6.194 bushels beginning 1946; oatmeal—5.56 bushels of oats to 100 pounds of oatmeal through 1942 and 7.6 bushels beginning 1943; wheat flour—4.7 bushels of wheat to a barrel of flour through 1943 (wheat flour was converted to wheat at the rate of 4.5 bushels to a barrel for 1918-19 and 4.6 bushels for 1920); January-June 1944, 2.398 bushels of wheat per 100 pounds of flour; July 1944-February 1946, 2.33 bushels of wheat per 100 pounds of flour; beginning March 1946 the wheat factor varies from month to month (ranging from 2.172 to 2.33 bushels per 100 pounds), being a weighted average based on the proportion of higher extraction flour sent to certain destinations. For periods when barley flour and rye flour were exported, these are also included, converted to grain equivalent at 5.5 bushels to the barrel for barley and 6 bushels to the barrel for rye flour. The conversion factors are those used by U. S. Department of Agriculture and take into account changes in milling practices. Revisions prior to 1944 in export data shown in this SUPPLEMENT and in the 1949 volume are due to slight changes in the conversion factor for malt prior to 1944 and for oatmeal prior to 1943.

Shipments under the Army Civilian Supply Program are included beginning 1947; data were not reported prior thereto (see note 1, p. 102). In 1947 the amounts included are as follows (thousands of bushels): Barley, 24,152; corn, 45,643; oats, 8,803; rye, 11; wheat, 158,751.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT (revisions, in thousands of bushels: 1946-July, 28,309; September, 23,290; December, 34,527). Revised monthly averages for 1913-34 and revised monthly data prior to 1945 are available upon request.

⁵ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, on a weekly basis, and represent the receipts at Minneapolis, Milwaukee, Chicago, and Duluth, as reported in market publications. Weekly figures are reduced to a monthly basis by the U. S. Department of Commerce, Office of Business Economics, by prorating data for weeks falling in two months.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1920-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT and monthly figures for 1932-37 are available in the 1940, 1938, and 1936 volumes (revisions, in thousands of bushels: November 1932, 3,254; April 1933, 5,154; July 1933, 5,144); earlier monthly data are on p. 20 of the November 1932 SURVEY.

⁶ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Commercial stocks include domestic grain in storage in public and private elevators at principal organized grain markets and grain afloat in vessels or barges in harbors of lake or seaboard ports. They do not include grain in transit either by rail or water, stocks in mills or mill elevators attached to mills, or private stocks of grain intended for local use. Figures are as of the Saturday nearest the first of the following month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1927-34 and monthly figures for 1938-40 may be found in the 1942 SUPPLEMENT and monthly figures for 1932-37 are available in the 1940, 1938, and 1936 volumes; earlier monthly data beginning 1927 are on p. 19 of the June 1936 SURVEY. The figures as shown in the 1938 SUPPLEMENT and earlier issues have been revised for some months from the week ended nearest the end of the month to the week ended nearest the first of the following month; revisions are available upon request.

⁷ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data for stocks on farms are as of the first of the month following that for which they are shown. June figures represent old crop only; new grain is not reported in the stock figures until the beginning of the crop year. Quarterly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Quarterly figures for 1940, also June and December figures for 1934-38, and June, September, and December figures for 1939 are available upon request.

⁸ Compiled from source indicated in note 4 for this page, using the conversion factor indicated for malt. Shipments under the Army Civilian Supply Program are included beginning 1947; data were not reported prior thereto (see note 1, p. 102); such shipments in 1947 amounted to 24,152,000 bushels.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT. Earlier monthly data beginning 1913 are available upon request. Revisions in data prior to 1944 were due to a slight change in the conversion factor for malt.

⁹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, from quotations given in daily trade papers, and represent the average price per bushel weighted by the number of carlots sold.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages from the earliest year available and monthly figures for 1938-40 may be found in the 1942 volume. Earlier monthly data are available as follows: No. 3 straight, 1936-37, 1940 SUPPLEMENT (earlier data beginning 1921 are available upon request; No. 2 malting, 1934-37, 1940 and 1938 SUPPLEMENTS).

¹⁰ Compiled by the Corn Refiners Statistical Bureau through August 1946 and by Price, Waterhouse and Co. thereafter. Data are reported by 11 companies, representing complete coverage of the industry. They include grindings by the wet process for both domestic consumption and export.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT; monthly data for 1923-37 are shown in the 1940, 1938, 1936, and 1932 volumes.

¹¹ Data are furnished by the Chicago Board of Trade and represent receipts at 12 interior primary markets. The markets included are as follows: Chicago, Duluth, Kansas City, Indianapolis, Milwaukee, Minneapolis, Omaha, Peoria, St. Joseph, St. Louis, Sioux City, and Wichita.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures (calculated from weekly data) for 1938-40 are available in the 1942 volume. There have been minor revisions in the monthly figures for 1923-37 shown in the 1940 and earlier SUPPLEMENTS; the revisions are available upon request.

¹² Data are available only for June and December, or in 1939 for June, September, and December; see note 7 for this page.

¹³ Not comparable with preceding data; see second paragraph of note 3 above.

¹⁴ Average for 10 months, March-December.

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¹ See note 6 for p. 134.

² Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data are as of the first of the month following that for which they are shown. September figures for corn and June figures for oats represent old crop only; new grain is not reported in the stock figures until the beginning of the crop year.

Annual averages shown here are quarterly averages throughout. Quarterly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Revised quarterly averages for 1926-34 are as follows (thousands of bushels): Corn—1926, 801,755; 1927, 733,497; 1928, 625,997; 1929, 674,159; 1930, 592,284; 1931, 667,510; 1932, 885,070; 1933, 902,256; 1934, 616,124. Oats—1926, 577,209; 1927, 502,918; 1928, 554,661; 1929, 529,797; 1930, 558,602; 1931, 532,942; 1932, 563,912; 1933, 436,709; 1934, 294,978. Quarterly data beginning 1927 are available upon request.

³ See note 4 for p. 134 for source of data and for factors used in converting meal to grain equivalent. Beginning 1947, exports include shipments under the Army Civilian Supply Program; such data were not available prior thereto (see note 1 for p. 102); amounts included in 1947 were 45,644,000 bushels of corn and 8,803,000 bushels of oats.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revision for corn, December 1946, 1,744,000 bushels). Monthly averages for 1913-34 and monthly figures for 1938-40 for corn are available in the 1942 SUPPLEMENT; monthly data for 1923-37 are shown in the 1940, 1938, 1936, and 1932 volumes (revision—March 1931, 494,000 bushels).

Monthly data for 1913-40 for oats are available upon request; revisions in the data prior to 1943 were due to a slight change in the conversion factor for oatmeal.

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, and represent the average price per bushel weighted by the number of carlots sold. The weighted average price of all grades of corn at 5 markets covers cash sales in the Chicago, St. Louis, Omaha, Kansas City, and Minneapolis markets. Prior to November 1938 data are included for Cincinnati, but the volume and variation are not sufficient to affect the comparability of the series.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages from the

earliest year available (1913) and monthly figures for 1938-40 are shown in the 1942 volume. Earlier monthly data are available as follows—corn, No. 3 yellow, 1913-37, p. 18 of the April 1940 SURVEY; corn, weighted average, 5 markets, 1918-37, p. 18 of the August 1939 SURVEY; corn, No. 3, white and oats, No. 3, white for 1923-37, the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁵ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Figures represent the year's total crop (not monthly averages) and, except for 1950, are final estimates.

Estimates of production for 1913-31 are shown in the 1942 STATISTICAL SUPPLEMENT. Revised data for 1932-34 are as follows (thousands of bushels): 1932, 1,254,584; 1933, 736,309; 1934, 544,247.

⁶ See note 11 for p. 134.

⁷ Average based on months for which quotations were available.

⁸ Quotation for November only.

⁹ No sales.

¹⁰ Average for months shown.

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¹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Figures represent the year's total crop (not monthly averages) and, except for 1950, are final estimates.

Estimates of rice production for 1913-34 (see note 9 below) and of rye production for 1913-28 are shown in the 1942 STATISTICAL SUPPLEMENT. Revised data for rye for 1929-34 are as follows (thousands of bushels): 1929, 35,411; 1930, 45,383; 1931, 32,777; 1932, 39,099; 1933, 20,573; 1934, 16,285.

² Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, and cover the movement of domestic rice at all mills in California. Brewers' rice is not included. The stock figures include both rough rice in terms of cleaned (converted on the basis of 162 pounds of rough to 100 pounds of clean through 1938 and 162 pounds of rough to 105.3 pounds of clean subsequently) and milled rice, but do not include rice in store in other positions than at mills.

Revised monthly data for 1939-46 for stocks are available upon request. Monthly data for 1941-46 for receipts and shipments are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For monthly data for 1934-40 and average for October-December 1933, see the 1942, 1940, and 1938 SUPPLEMENTS. Data in these volumes are expressed in bags of 100 pounds instead of in thousands of pounds as in the 1947 and subsequent issues.

³ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, based on reports of the Rice Millers Association for association mills and reports of nonassociation mills reporting directly to the Department. Statistics cover the movement of domestic rice at all mills in Louisiana, Texas, Arkansas, and Tennessee. Brewers' rice is excluded from all figures. The stock figures include both rough rice in terms of cleaned (converted on the basis of 162 pounds of rough rice to 105.3 pounds of milled) and milled rice, but do not include rice in store in other positions than at mills.

Revised monthly data for 1932-46 for stocks are available upon request. Monthly data for 1941-46 for receipts and shipments are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1914-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT; monthly figures for 1923-37 may be found in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Receipts are shown in barrels of 162 pounds in the 1949 and earlier issues; data for shipments, in the 1942 and prior issues, are expressed in thousands of pockets of 100 pounds instead of in thousands of pounds as in the 1947 and subsequent volumes. The heading in the 1932 SUPPLEMENT should be "Shipments from mills" rather than "to mills." Revisions: 1934—receipts, February, 931,932 barrels, April, 192,786; shipments, March, 738,091 pockets, April, 444,508, May, 408,753. See note 4 for p. 107 appearing on p. 190 of the 1938 SUPPLEMENT for revisions in earlier data.

⁴ Reported by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Figures are on a clean equivalent basis, with rough rice reduced on the basis of 162 pounds of rough rice to 105.3 pounds of clean; in earlier SUPPLEMENTS rough rice is converted to clean on the basis of 162 pounds of rough rice to 100 pounds of clean.

Monthly figures for 1932 are available in the 1936 SUPPLEMENT, and for 1923-31 in the 1932 SUPPLEMENT (revisions for

1931: January, 369,214 pockets; November, 382,898; December, 195,350). Revised data for 1933-46 are available upon request.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data through June 1949 represent the Tuesday price for rice, blue rose, head, clean, medium to good, New Orleans; beginning July 1949 prices are for zenith, extra, fancy. The annual averages are averages of the weekly quotations and may differ slightly from averages of the monthly figures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1915 and monthly figures for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 volumes.

⁶ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, on a weekly basis, and represent receipts at Minneapolis, Milwaukee, Chicago, and Duluth as reported in market publications. The monthly series is computed by the U. S. Department of Commerce, Office of Business Economics, from weekly totals by prorating data for weeks falling in 2 months.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1927-34 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT and monthly data for 1932-37 are shown in the 1940, 1938, and 1936 volumes. (Revisions, thousands of bushels: 1942 SUPPLEMENT—1927, monthly average, 3,128; 1939, March, 1,241; May, 1,044; July, 1,473; 1936 SUPPLEMENT—July 1932, 332; July 1933, 1,473; and a few additional minor corrections.) For earlier monthly data, see p. 20 of the November 1932 SURVEY (revision for December 1931, 383 thousand bushels).

⁷ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Data include domestic grain in storage in public and private elevators in the principal organized grain markets and afloat in vessels or barges in harbors of lake and seaboard ports. Data do not include grain in transit either by rail or water, stocks in mills or mill elevators attached to mills, or private stocks of grain intended for local use. Figures are for the Saturday nearest the first of the following month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1927-34 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT. Monthly data for 1932-37 appear in the 1940, 1938, and 1936 volumes and earlier monthly data beginning 1927 are on p. 20 of the November 1932 SURVEY. The figures as shown in the 1938 SUPPLEMENT and earlier issues have been revised from data for the Saturday nearest the end of the indicated month to the Saturday nearest the first of the following month. Revisions for months affected by this change are available upon request.

⁸ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, and represent average prices per bushel of reported cash sales, weighted by the number of carlots sold.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS (revision, May 1923, \$0.72).

⁹ Bags of 100 pounds. Data shown in earlier issues of the STATISTICAL SUPPLEMENT are in bushels of 45 pounds.

¹⁰ No quotation.

¹¹ Average for 11 months.

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¹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Figures represent the year's total crop (not monthly averages) and, except for 1950, are final estimates.

Estimates of production for 1913-28 are shown in the 1942 STATISTICAL SUPPLEMENT. Revised data for 1929-34 are as follows (thousands of bushels): Wheat—total, 1929, 824,183; 1930, 886,522; 1931, 941,540; 1932, 756,307; 1933, 552,215; 1934, 526,052; spring wheat—1929, 237,126; 1930, 252,712; 1931, 116,225; 1932, 264,796; 1933, 173,932; 1934, 87,369; winter wheat—1929, 587,057; 1930, 633,809; 1931, 825,315; 1932, 491,511; 1933, 378,283; 1934, 438,683.

² Data are furnished by the Chicago Board of Trade and represent receipts at 12 interior primary markets. The markets included are as follows: Chicago, Duluth, Kansas City, Indianapolis, Milwaukee, Minneapolis, Omaha, Peoria, St. Joseph, St. Louis, Sioux City, and Wichita. Beginning 1941 the monthly

figures are reported calendar-month totals. Monthly figures published in the 1942, 1938, and earlier SUPPLEMENTS were obtained from data supplied on a weekly basis by prorating data for weeks falling in 2 months.

Monthly data for 1941-46, based on calendar-month totals, are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures (calculated from weekly data) for 1938-40 are available in the 1942 volume. There have been minor revisions in the monthly figures for 1923-37 shown in the 1938 and earlier SUPPLEMENTS; the revisions are available upon request. This series was not included in the 1940 SUPPLEMENT.

³ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, and represent the disappearance of domestic wheat as used for flour, feed, seed, alcohol production, and for export. The figures shown on the monthly-average lines are quarterly averages. Quarterly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revision, September 1945, 368,753,000 bushels). Quarterly data for 1934-40 are available upon request (they have been revised since published in the 1942 and earlier SUPPLEMENTS).

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics.

Stocks of Canadian wheat in Canada include practically all Canadian wheat held within Canadian borders exclusive of farm stocks. Subsequent to April 1932 "in transit" lake stocks are included. Through July 1947, stocks are as of the Friday nearest the first of the following month; thereafter, as of the Thursday.

Stocks of United States wheat on farms and stocks in interior mills, elevators, and warehouses are estimates of the Crop Reporting Board based on reports of crop reporters as of the first of each quarter. The series on commercial stocks includes domestic grain in storage in public and private elevators in the principal organized grain markets and grain afloat in vessels or barges in harbors of lake or seaboard ports. It does not include grain in transit, stocks in mills or mill elevators attached to mills, or private stocks of grain intended for local use. Figures are as of the Saturday nearest the first of the following month. Stocks in merchant mills (including wheat in elevators and stored for others) are based on wheat stocks as reported by the Bureau of the Census and are raised to a 100-percent basis by the Bureau of Agricultural Economics.

Stocks of domestic wheat on farms and in interior mills, elevators, and warehouses for July 1 (shown here as June) include only old wheat. Any new wheat which comes into stock position is not reported until the new crop year begins. Beginning 1937 this is also true of the commercial and merchant mills series. Prior to 1937, an indeterminable amount of new wheat is included in the latter two series. (See note 1 for p. 121 in the 1942 SUPPLEMENT for amounts of new wheat originally included in the July 1 figures for 1937-41 but excluded from the figures shown in that volume and in later issues.) Total United States stocks beginning June 1942 include wheat owned by the Commodity Credit Corporation and stored off farms in its own steel and wooden bins (these data are not reported separately).

Stocks reported as of April 1, July 1, October 1, and January 1 are shown here as of the end of March, June, September, and December. Annual data are quarterly averages with the exception of commercial stocks which are monthly averages.

Monthly or quarterly averages for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1927-34 and monthly figures for 1932-40 for stocks of Canadian wheat are shown in the 1942, 1940, 1938, and 1936 SUPPLEMENTS and earlier monthly figures are on p. 19 of the June 1936 SURVEY. Averages prior to 1935 and monthly or quarterly figures prior to 1941 for United States stocks are available in earlier volumes only as follows: Commercial stocks—June 30 figures or monthly averages for 1923-34 and monthly figures for 1938-40, 1942 SUPPLEMENT; monthly figures for 1927-37, 1940, 1938, and 1936 SUPPLEMENTS, and p. 19 of June 1936 SURVEY (the figures for 1923-26 are as compiled by Dun and Bradstreet; the figures beginning 1927 as shown in the 1938 and earlier SUPPLEMENTS have been revised from the Saturday ended nearest the end of the indicated month to the Saturday nearest the first of the following month); merchant mills—June 30 figures or quarterly averages for 1923-34 and quarterly figures for 1938-40, 1942 SUPPLEMENT; quarterly figures for 1931-37, p. 17 of June 1939 SURVEY (revised June 1937 figure, 40,399,000 bushels); stocks on farm and total stocks through 1926 and stocks in interior mills, elevators, and warehouses (formerly

shown as "country mills and elevators") through 1933, 1942 SUPPLEMENT (later data for these series have been revised; the revised quarterly figures through 1940 are available upon request).

⁵ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. In the total for wheat and flour, wheat flour is converted to a grain equivalent as follows: For data through 1943, on the basis of 4.7 bushels to a barrel of 196 pounds of flour (except in 1918-19 and in 1920, when conversion was at rate of 4.5 and 4.6 bushels, respectively); January-June 1944, on the basis of 2.398 bushels of wheat per 100 pounds of flour; July 1944-February 1946, 2.33 bushels of wheat per 100 pounds; beginning March 1946, the factor varies from month to month (ranging from 2.172 to 2.33 bushels per 100 pounds), being a weighted average based on the proportion of higher extraction flour sent to certain destinations. The foregoing conversion factors are those supplied by the U. S. Department of Agriculture and take into account changes in milling practices.

Shipments under the Army Civilian Supply Program are included beginning 1947; data were not reported prior thereto (see note 1 for p. 102); such shipments in 1947 amounted to 158,751,000 bushels of wheat and flour and 102,129,000 bushels of wheat only.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT (revisions, 1946: July—total, 24,755,000 bushels; wheat only, 17,090,000 bushels; September—total, 18,890,000 bushels). Monthly data for 1941-43 appear in the 1947 STATISTICAL SUPPLEMENT; revised data for 1944 are available upon request. Monthly averages for 1913-34 and monthly data for 1934-40 are available in the 1942, 1940, and 1938 volumes and earlier monthly data for "wheat only" and for wheat flour appear in the 1936 and 1932 SUPPLEMENTS. There have been many revisions in the data shown in the latter volumes for "wheat including flour." Revisions for "wheat only" for 1931—May, 6,494,000 bushels; August, 8,911,000; for wheat flour for June 1931, 792,000 barrels. Data for wheat flour are shown in the 1942 and earlier SUPPLEMENTS in barrels and should be converted to sacks of 100 pounds by multiplying by 1.96 for comparison with data shown here.

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¹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data are average prices per bushel of reported cash sales, weighted by the number of carlots sold. The weighted average price of wheat in 6 markets represents the reported cash sales of all classes and grades combined at the following markets: Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 appear in the 1942 SUPPLEMENT; monthly data for earlier years are available as follows: All series (except wheat, No. 1, dark northern spring) — 1923-37 in the 1940, 1938, 1936, and 1932 volumes; wheat, No. 1, dark northern spring — 1917-31 on p. 20 of the June 1935 SURVEY and 1932-37 in the 1940, 1938, and 1936 SUPPLEMENTS.

² Compiled by the U. S. Department of Commerce, Bureau of the Census. Data through 1938 represent wheat-flour production and the actual grindings of wheat as reported by approximately 1,100 commercial mills, including those with a daily 24-hour capacity of 400 sacks or less (the reporting mills accounted for about 95 percent of total wheat-flour production in 1935-38). Data beginning 1939 represent complete coverage and, through June 1947 are revised estimates based on the assumption that small mills not covered by the monthly survey operated at a lower rate of capacity than reporting mills. Since July 1947, reports have been obtained only from mills with a 24-hour capacity of 400 sacks and over; data as reported by these large mills are inflated to represent complete coverage.

The series on percent of total capacity operated is derived by multiplying the daily 24-hour capacity in wheat flour (as reported) by the number of working days in the month (based on a 6-day week through 1948 and a 5-day week thereafter). The result is known as the maximum rated output. This figure is then divided into the total wheat flour produced during the month, giving the percent of total capacity operated.

All data relate to regular-grind flour only. In addition, from 1943 through February 1946, some mills produced granular flour, which was flour coarsely ground for the production of alcohol to be used in the manufacture of synthetic rubber.

Monthly averages of data relating to granular flour for 1943-45 are as follows: Grindings of wheat (thousands of bushels)—1943, 3,301; 1944, 3,720; 1945, 2,442; production of granular flour (thousand sacks)—1943, 1,270; 1944, 1,591; 1945, 1,039; offal (tons)—1943, 35,613; 1944, 31,992; 1945, 21,380. Operations as a percent of capacity for regular and granular flour combined—1943, July-December (percentage not computed for earlier months of 1943), 72.0; 1944, 73.1; 1945, 80.0. Data by months for January 1944-February 1946 are available in the December 1944 to May 1946 issues of the monthly SURVEY.

The higher extraction rate required by War Food Order No. 144 during March-August 1946 accounts for the large decline for these months in wheat ground and in the production of offal (the byproducts of the milling process, such as bran, middling, and shorts).

Monthly data for 1945-46, comparable with revised monthly averages shown in the present volume, are available upon request; comparable estimates by months for 1939-44 have not been compiled. Monthly averages for 1924-34 and monthly figures for 1938 (comparable with italicized figures) appear in the 1942 SUPPLEMENT. The figures for 1923 shown in that volume are incorrect; the correct monthly average for 1923, covering May-December only, is as follows: Wheat grindings, 40,548,000 bushels; flour production, 8,797,000 barrels; offal production, 719,724,000 pounds. Monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revision, offal production, November 1933, 653,276 thousand pounds.) Figures for May and June 1923 not published in the 1932 SUPPLEMENT are as follows: Grindings (thousands of bushels)—May, 36,210; June, 30,943; flour production (thousands of barrels)—May, 7,912; June, 6,735; offal production (thousands of pounds)—May, 635,330; June, 549,484. Data for wheat flour are shown in the 1942 and earlier SUPPLEMENTS in barrels and should be multiplied by 1.96 for comparison with figures given here, while offal is shown in pounds and should be converted to tons of 2,000 pounds.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data are based on reports from merchant mills reporting wheat-flour production (see note 2 above). The number of mills reporting stocks (around 900-1,000) has been somewhat smaller than the number reporting wheat-flour production. However, some mills reported that no stocks were held and others that did not report on stocks also may have held no stocks.

Data cover total stocks held by reporting mills at the end of each quarter, including stocks in mills, public and private warehouses, and in transit—sold and unsold.

The figures shown on the monthly average lines are averages of end-of-quarter figures. Revised data for 1945-46 (1st-4th quarters, respectively) are as follows, in thousands of sacks: 1945—6,730; 6,114; 5,251; 6,775; quarterly average, 6,218; 1946—4,773; 1,813; 4,412; 6,436; quarterly average, 4,359. Quarterly data for 1941-44 are shown in the 1947 STATISTICAL SUPPLEMENT; for quarterly averages for 1925-34 and quarterly data for 1938-40, see the 1942 SUPPLEMENT. Quarterly data for 1925-37 are available in the 1940, 1938, 1936, and 1932 volumes.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Shipments under the Army Civilian Supply Program are included beginning 1947; data were not reported prior thereto (see note 1, p. 102). In 1947, 24,770,000 sacks (100 pounds) of such exports were included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 volumes (revision, June 1931, 792,000 barrels). Data are shown in the 1942 and earlier SUPPLEMENTS in barrels and should be converted to sacks by multiplying by 1.96 for comparison with data shown here.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data are averages of weekly quotations. The Minneapolis price for wheat flour is for spring, bakery, standard patents, in sacks, carlots, f.o.b. Minneapolis; the Kansas City price is for hard winter, bakery, straights, in sacks, carlots, f.o.b. Kansas City. Prices for March-August 1946 are for flour of 80-percent extraction; beginning September 1946, quotations were resumed for flour of normal extraction. Since May 1943, prices are quoted per sack of 100 pounds; earlier data quoted per barrel of 96 pounds have been converted to price per sack by the Office of Business Economics, Department of Commerce. The annual data, except for 1943 and 1946, are averages of the weekly quotations rather than averages of the monthly figures shown.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT and monthly data for 1923-35 may be found in the 1940, 1938, 1936, and 1932 volumes. (Revision for straights, hard winter, Kansas City, January 1932, \$3.17.) All prices in these publications are per barrel of 96 pounds.

⁶ Data for 1939-48 are based on unrevised production figures.

⁷ Average based on months for which prices are available.

⁸ See note 5 for this page.

⁹ Percentages for July-December, respectively, based on revised production figures in adjacent column, are as follows: 79.1; 81.8; 79.9; 79.9; 82.1; 74.6.

¹⁰ Beginning January 1949, operations are based on a 5-day week (see also 2nd paragraph of note 2 for this page).

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¹ Reported by the U. S. Department of Agriculture, Production and Marketing Administration, from compilations of the Bureau of Animal Industry. Data represent the number of animals slaughtered under Federal inspection. Government-relief slaughter is included for certain months of 1935 and 1936 as follows: 1935, January-May—cattle, 186,683; calves, 39,358; 1936, August and September—cattle, 3,500; 1936, August—calves, 136. For 1950 slaughter under Federal inspection accounted for approximately 56 percent of all calves slaughtered, 70 percent of the cattle, 88 percent of the sheep and lambs, and 71 percent of the hogs. While the proportions of total slaughter vary from year to year, the differences generally are not large. However, for 1946 the proportion was substantially lower for cattle (58 percent), for calves and hogs for 1945 and 1946 (51 and 48 percent and 57 and 58 percent, respectively), and the proportion for sheep and lambs increased from around 80 percent in 1940 to 89 percent in 1947.

Data were shown in the 1942 and earlier SUPPLEMENTS under the "leather and leather products" section as an indication of the output of hides and skins. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revisions: Calves, August 1928, 338,000 animals; hogs, May 1928, 3,884,000. (See note in the 1942 SUPPLEMENT with regard to Government-relief slaughter included in the 1934 figures, and Government purchases for the Emergency Hog Production Control Program in 1933.) Monthly data beginning 1907 for calves and 1900 for the other classes are shown in a bulletin issued by the U. S. Department of Agriculture entitled "Livestock Market News, Statistics and Related Data, 1947."

² Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. These data represent the total receipts at practically all public stockyards (between 60 and 70 in number), including through shipments and direct shipments if unloaded at the stockyards.

The data for cattle and calves include animals purchased for the Federal Surplus Relief Corporation for January and February 1935 and August and September 1936.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS. The June-December 1934 data for cattle and calves and September-December 1934 data for sheep include animals purchased for the Federal Surplus Relief Corporation; the August and September 1933 data for hogs include many pigs and sows received for sale on Government account in the Emergency Hog Production Control Program. Monthly data beginning 1915 are shown in a bulletin issued by the U. S. Department of Agriculture entitled "Livestock, Meats, and Wool Market Statistics and Related Data, 1943."

³ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, from reports obtained from offices of the State veterinarians in the following eight corn-belt States beginning 1941: Illinois, Indiana, Iowa, Michigan, Minnesota, Nebraska, Ohio, Wisconsin. Data prior to 1941 cover seven States, excluding Illinois. Monthly averages for 1941 excluding this State, comparable with earlier data, are as follows: Cattle and calves, 158,000; sheep and lambs, 267,000. Data include stockers and feeders bought at public stockyards and stockers and feeders coming from other States from points other than public stockyards, some of which were inspected at public stockyards while stopping for feed, water,

and rest enroute. They represent total shipments to the States included. These data were not collected prior to 1938.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; for 1938-40, in the 1942 SUPPLEMENT.

⁴ Compiled by the U. S. Department of Agriculture, *Production and Marketing Administration*. Prices for beef steers are for native (from the corn belt) sold out of first hands for slaughter at Chicago. Western steers are excluded. Monthly and yearly prices are weighted averages of all grades (choice and prime, good, medium, and common). Prices are weighted by the number sold in each grade. The yearly average is the average of the monthly figures weighted by the quantity of all grades sold within each month.

The price of stocker and feeder cattle shipped from Kansas City is the average price of all weights of such cattle, weighted by the number shipped for each weight group. The yearly average is the average of the monthly figures weighted by the quantity of all weights shipped within each month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT (see note in that volume with regard to prices of beef steers prior to 1922). Monthly data for 1936-37 for beef steers may be found in the 1940 SUPPLEMENT and for 1913-38 on p. 18 of the August 1939 SURVEY. Monthly data for 1925-37 for the price of stocker and feeder cattle are available upon request.

⁵ Compiled by U. S. Department of Labor, *Bureau of Labor Statistics*. Data beginning January 1946 represent the price per 100 pounds of good and choice grades (all weights), based on weekly quotations as of Monday. These prices are essentially a continuation of the series designated as "good to choice" (see 1947 STATISTICAL SUPPLEMENT and earlier issues), but are taken from a different source and reflect a slight change in specifications.

Annual figures are averages of weekly data rather than averages of the monthly data shown.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1934-40 are available in the 1942, 1940, and 1938 volumes. Monthly data for 1913-37 are shown on p. 18 of the September 1938 SURVEY.

⁶ Compiled by the U. S. Department of Agriculture, *Production and Marketing Administration*. Beginning 1920 the wholesale price represents the average price of packer and shipper purchases at Chicago weighted by the number of hogs purchased. The prices do not include the processing tax of \$2.25 for January 1935 to January 6, 1936. The processing tax is excluded also from the data for November 1933 to December 1934, shown in the 1942 SUPPLEMENT.

The hog-corn price ratios represent the number of bushels (56 pounds) of shelled corn equal in value to 100 pounds of hog (live weight); they are based on average prices received by farmers on the 15th of each month for all grades of corn and all grades of hogs.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 for the price of hogs are available in the 1942 SUPPLEMENT; earlier monthly data for this series and monthly data for 1913-40 for the hog-corn ratio are available upon request; the latter series has been revised since publication of data in the 1942 SUPPLEMENT.

⁷ Data beginning 1941 are not strictly comparable with those for earlier periods; see note 3 above.

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¹ Compiled by the U. S. Department of Agriculture, *Production and Marketing Administration*. Monthly data are averages of weekly figures which are based on the mean of the daily range of quotations. Prices through July-September are quotations for spring lambs; during May and June, marketings of lambs include both woolled and shorn lambs from the preceding year's crop and spring lambs from the current year's crop. From October through early spring, prices are for woolled lambs.

The average price of lambs at Chicago represents the bulk of sales prices from data of the livestock and meat reporting service. The price of feeder lambs is for range stock, good and choice, 50-75 pounds.

Monthly data for 1941-46 are shown in the 1949 and the 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 may be found in the 1942 volume; earlier monthly data are available upon request. See

note in the 1942 SUPPLEMENT with regard to prices of lambs at Chicago prior to 1921 and of feeder lambs prior to July 1927.

² Reported by the U. S. Department of Agriculture, *Production and Marketing Administration*. Data for meat production, except data for pork production excluding lard, represent the total dressed carcass weight of livestock slaughtered under Federal inspection, exclusive of meats from condemned animals. Total production is obtained by applying the average dressed weight (obtained from concerns representing about 90 percent of the total Federally inspected slaughter) to the total Federally inspected slaughter. For the proportion of animals slaughtered under Federal inspection to the total slaughter see note 1 for p. 139. Data do not include meats from slaughter of animals purchased for the Federal Surplus Relief Corporation for January and February 1935 and for August and September 1936.

"Pork production excluding lard" includes all of the dressed hog carcass, exclusive of head bones and all carcass fat rendered into lard. Lard data (p. 141) represent the actual production of rendered lard and rendered pork fat in Federally inspected plants as reported by the Bureau of Animal Industry beginning January 1937. ("Lard" and "rendered pork fat" have been reported as separate items under definitions in effect beginning November 1, 1940, and are here combined to have figures comparable with earlier data reported as "lard.") Prior to 1937, lard production was estimated by applying an average yield per hog to the number of hogs passed for food. Production from Federally inspected slaughter accounted for 53-68 percent of the total production of lard, as estimated by the U. S. Department of Agriculture, for 1935-41, about 72 percent for 1942-43, 78 percent for 1944, 63 percent for 1945-46, 71 percent for 1947-48, and 75 percent for 1949-50. Rendered lard and rendered pork fat are estimated to be about 70 percent of raw fat obtained from hogs.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 volume. For monthly data for the total meat production and for beef and veal, lamb and mutton, and pork (including lard) for 1923-37, and lard for 1923-36, see the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revised 1937 monthly figures for lard are on p. 18 of the January 1941 SURVEY. Monthly data for 1921-37 for pork production (excluding lard) are available upon request. Data beginning 1921 for all series are available in the publication of the U. S. Department of Agriculture, "Livestock, Meats, and Wool Market Statistics and Related Data, 1943."

³ Compiled by the U. S. Department of Agriculture, *Production and Marketing Administration*. Data are about 95 percent complete. The monthly figures are stocks as reported on the first of the month following that for which they are shown here.

The total for all meats is the sum of the individual meat items and lard as shown on this page and on p. 141; the total also includes edible offal and, beginning June 1944, canned meats and meat products and sausage and sausage-room products (these items were shown separately under "miscellaneous meats" in earlier issues of the SUPPLEMENT). The content of the various items is as follows: "Beef and veal"—beef frozen, in cure, and cured and smoked and, beginning June 1944, frozen veal which amounted to 8,517,000 pounds for that month (veal was not reported until June 1944, although prior to that month some may have been held as beef or included in data formerly reported as "trimmings and edible offal"); "lamb and mutton"—frozen; "pork"—frozen, dry salt in cure and cured, and other in cure, cured, and smoked. All stocks of beef, pork, and mutton trimmings, formerly included under "miscellaneous meats", have been distributed to the individual meat items beginning June 1944; see note in the 1949 STATISTICAL SUPPLEMENT. Lard data (p. 141) include rendered lard and rendered pork fat. Stocks of meats from "drought-stricken livestock" purchased by the Federal Surplus Relief Corporation in 1935 are not included in the figures. Stocks of poultry are for frozen poultry only.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly figures for 1938-40 may be found in the 1942 volume; monthly figures for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revisions, thousands of pounds: Lard, April 1923, 85,251; pork, 1928 monthly average, 742,995.) The comparable item for pork is designated in the 1940 and earlier SUPPLEMENTS as "fresh and cured" pork; the series for total stocks of pork (including lard) shown in these SUPPLEMENTS has been discontinued. Monthly data prior to 1923 are available in a publication of the U. S. Department of Ag-

riculture, "Livestock, Meats, and Wool Market Statistics and Related Data, 1943."

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Exports of total meats include beef and veal, pork, mutton and lamb, canned meats, horse meat, fresh poultry and game, kidneys and livers, tongues, sausage, sausage ingredients, casings, and lard. Exports of beef and pork include fresh, canned, pickled, and cured meats. Exports of lard (p. 141) include neutral lard. Shipments under the Army Civilian Supply Program are included beginning 1947; data were not reported prior thereto (see note 1 on p. 102). In 1947, such shipments were as follows (thousands of pounds): Total meats (including lard), 141,846; beef and veal, 941; pork (excluding lard), 759; lard, 28,079.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revision—December 1946, 51,000,000 pounds). Monthly averages for 1913-34 and monthly data for 1938-40 are shown in the 1942 volume. Monthly data for 1936-37 for total meats and meat products including lard and for lard alone are in the 1940 SUPPLEMENT; earlier data beginning 1913 are shown on p. 16 of the November 1939 SURVEY. Monthly data for 1923-37 for beef and veal appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS and are correct except for revisions as given in the appropriate note in the 1940 volume. Monthly figures for 1923-37 for pork may be obtained by subtracting the data given for lard on p. 16 of the November 1939 SURVEY from the monthly data for exports of pork, including lard, shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁵ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Data represent the wholesale price for beef, fresh, steer carcasses, good grade (600-700 pounds). Monthly data are averages of weekly prices which are based on the mean of the daily range of quotations of the market news service; annual figures are simple averages of monthly data.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; monthly data for 1917-44 are available upon request.

⁶ Average based on months for which quotations were available.

⁷ Average of data for months shown.

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¹ See note 2 for p. 140.

² See note 3 for p. 140.

³ See note 4 for p. 140.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Prices are averages for the month based on weekly quotations. Annual averages are averages of weekly prices.

The price of hams is a composite for Chicago, New York, and San Francisco beginning 1949; prior thereto, data are for Chicago only (1949 average price for Chicago is \$0.542 per pound). Quotations are for smoked, loose hams at Chicago, weekly as of Tuesday, through November 1946. This series was discontinued by the compiling agency after that month; succeeding prices are for fancy, skinned, smoked, wrapped hams (14-18 pounds). The November and December 1946 prices comparable with succeeding data are \$0.545 and \$0.522, respectively. Beginning March 1947, prices are for 12- to 16-pound hams; the change does not affect the comparability of the figures. The lard price is the weekly Thursday price for refined lard in tierces, bulk, at Chicago.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for hams for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 volumes; monthly data prior to 1941 for lard may be found in the 1942, 1940, 1938, and 1936 SUPPLEMENTS and on p. 18 of the January 1934 SURVEY.

⁵ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Monthly data are based on the mean of the daily range of quotations. Prices are for 8- to 10-pound average loins through 1946 and for 8 to 12 pounds thereafter; this minor change does not affect the comparability of the series.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1919-34 and monthly figures for 1938-40 are available in the 1942 volume. Monthly data beginning July 1919 are shown in the publication of the U. S. Department of Agriculture, "Livestock, Meats, and Wool Marketing Statistics and Related Data, 1941".

⁶ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Data represent the receipts of poultry at Boston, New York, Philadelphia, Chicago, and San Francisco.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1920-34 and monthly figures for 1938-40 are available in the 1942 volume; earlier monthly data appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revisions: 1925—August, 17,643; 1926—February, 19,261; April, 13,966.)

⁷ Average based on data for 11 months, January-November. Figures beginning December 1946 are not comparable with earlier data; see note 4 for this page.

⁸ Average for 10 months; quotations are not available for July and December.

⁹ Beginning January 1949 data include, in addition to the Chicago price shown heretofore, the quotations at New York and San Francisco. The December 1948 price comparable with succeeding data is \$0.575. See note 4 for this page.

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¹ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, with the exception of data for cocoa prior to 1943. The poultry price is the weekly Tuesday price for live fowls, small to heavy hens, general run, at Chicago. The cocoa price beginning 1943 is weekly as of Tuesday for beans, Accra, bulk, f.o.b. New York, from importer; prior to 1943 the prices are averages of daily quotations compiled by Scarburgh Company, 90-96 Wall Street, New York, N. Y.

Annual averages, except for the price of cocoa prior to 1943 and in 1948, are averages of the weekly figures rather than averages of the monthly figures shown.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual averages prior to 1935 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT. Earlier monthly data for cocoa may be found in the 1940, 1938, 1936, and 1932 volumes. Monthly data for 1913-37 for poultry are available upon request.

² Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, representing about 98 percent of all stocks held in public and private warehouses. Shell eggs are for cases of 30 dozen each, weighing about 45 pounds; 35 pounds of frozen eggs are approximately equivalent to 1 case of 30 dozen shell eggs.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly data for 1938-40 are available in the 1942 volume; monthly data for 1923-37 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Earlier monthly data on frozen eggs are given on p. 22 of the May 1927 SURVEY.

³ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, beginning 1944 and by the U. S. Department of Labor prior thereto. Data through 1943 are averages of Monday prices at Chicago; quotations included for July-December 1943 are for fresh firsts instead of extras, large, but the prices for the two grades are close. Beginning 1944, data represent averages of daily quotations instead of averages of Monday quotations.

Monthly data for 1945 (Department of Agriculture series) are shown on p. 24 of the June 1950 SURVEY. Comparable figures for 1944 (January-December, respectively, in dollars per dozen) are as follows: 0.368; .351; .342; .344; .329; .355; .388; .387; .460; .470; .492; .480; monthly average, .395. Monthly data for 1941-43 (Department of Labor series) are available in the 1947 STATISTICAL SUPPLEMENT. Prices for 1914-40, shown in the 1942 SUPPLEMENT, are approximately comparable with the 1941-43 figures.

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Monthly estimates of total eggs produced are based on returns from about 25,000 crop correspondents who report for the first day of each month the number of layers on hand and the number of eggs produced. The total monthly egg production is obtained by multiplying the estimated total number of layers by the number of eggs produced per layer obtained from reports of the crop correspondents.

Annual estimates of layers on January 1 of each year are based on an annual survey secured from about 150,000 flocks, in addition to the returns from the regular monthly crop correspondents. At the end of the year adjustments are made in the number of layers on the first of each month so that they will be in agreement with the annual estimates. The monthly rates of lay are then applied to the adjusted number of layers

to secure the adjusted total egg production for each month. Data for all years have been so adjusted. The estimates are also adjusted every 5 years to data reported in the Census of Agriculture; they have now been adjusted to data from the Census of 1945.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1925-34 and monthly data for 1938 and 1939 appear in the 1942 volume and monthly figures for 1940 are on p. 24 of the June 1947 SURVEY; monthly data for 1925-34 are available upon request.

⁵ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data represent dried egg production from fresh and storage shell eggs and from frozen eggs. Data are available separately for whole, albumen, and yolk production from the Department of Agriculture reports. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1927-40 are available on p. 20 of the March 1945 SURVEY.

⁶ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from reports to that Bureau through 1938 and from data reported by the Bureau of the Census since that year. The data represent manufacturers' sales of confectionery and chocolate products competitive with confectionery. Figures through 1936 are as reported by an identical group of companies. The original reports for later years cover a varying number of concerns. To obtain a comparable series, data beginning January 1937 were computed by carrying forward the earlier data on the basis of month-to-month changes in sales reported by identical concerns. Since 1933, the series has accounted for about 70 percent of estimated total sales and 60-67 percent prior to that time.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT. For monthly data for 1928-41, see the 1940 and 1942 SUPPLEMENTS and table 6, p. 17, of the January 1939 SURVEY. Monthly data for 1942-44 are available upon request.

⁷ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data represent general imports prior to 1934 and imports for consumption thereafter.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are shown in the 1942 volume; earlier monthly figures are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revisions, in long tons: 1931—May, 22,513; July, 17,542; December, 15,369.

⁸ Reported by the New York Coffee and Sugar Exchange, Inc. Data on clearances from Brazil cover total exports from the ports of Rio de Janeiro, Santos, Bahia, Victoria, Pernambuco, Paranaguá, and Angra dos Reis.

The visible supply represents stocks of green coffee in "firsthands" stored in Exchange licensed warehouses and on the docks of such warehouses. It includes stocks at the ports of New York, New Orleans, and San Francisco, the arrivals at other ports being considered by the Exchange as stocks that pass more or less immediately into consumption channels. Data do not include any stocks afloat in transit to the United States.

Data are in bags of original weights as reported. The weight of the Brazilian bag of coffee is about 132 pounds; bags of other kinds of coffee usually average about 154 pounds.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-37 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT (see note in that volume for the ports included prior to 1932). Earlier monthly figures may be found in the 1940, 1938, 1936, and 1932 SUPPLEMENTS and in the April 1928 SURVEY. Revisions (thousands of bags): Clearances from Brazil, total, 1927—August, 1,312; September, 1,334; October, 1,583; November, 1,510; visible supply—1933, November, 936; 1935, January, 705.

⁹ Data beginning 1944 represent averages of daily quotations and are not strictly comparable with prices for earlier periods which are Monday quotations; see also note 3 above.

¹ See note 8 for p. 142.

² Data on imports of coffee and exports of refined sugar are compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. The figures are reported in pounds; sugar is converted to short tons, and coffee to bags on the basis of 132 pounds to the bag. Exports of refined

sugar include maple sugar. Shipments under the Army Civilian Supply Program are included beginning 1947 (43,876 short tons in 1947); data for such shipments are not available prior thereto (see note 1 on p. 102).

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 volume; monthly data for 1923-37 may be found in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Data for sugar in the 1942 and earlier issues of the SUPPLEMENT are in long tons and should be converted to short tons for comparison with figures shown beginning with the 1947 SUPPLEMENT.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The price is an average of weekly quotations for green coffee, f.o.b. New York.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 volume. Monthly data for 1913-40 are shown on p. 22 of the April 1942 SURVEY.

⁴ Reported by the U. S. Department of the Interior, Fish and Wildlife Service. Data for all years include landings of fresh fish from fishing vessels at the ports of Boston and Gloucester, Massachusetts, and Portland, Maine, plus fish received by Seattle wholesale dealers (except fish received from Alaska and Canada), including fish landed by the halibut fleet; they also include landings at New Bedford, Massachusetts, beginning 1938. Data for New Bedford are not available prior to 1938 and monthly data are not available prior to 1942; the monthly average for 1938 comparable with earlier averages (New Bedford excluded) is 37,531,000 pounds. Data for receipts by wholesale dealers at Seattle beginning 1943 and data for New England ports are weights of fish as landed. Prior to 1943, weights of fish as landed (round and drawn) for receipts by wholesale dealers at Seattle were converted to equivalent round. Data are therefore not strictly comparable.

Detailed data on landings of both fresh and salt fish are shown in the monthly statements of the compiling agency.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly data for 1938-40 exclusive of the landings at New Bedford, Massachusetts (monthly data not available prior to 1942) are available in the 1942 volume; earlier monthly data are given in the 1940, 1938, 1936, and 1932 SUPPLEMENTS; revisions of data shown in the 1932 SUPPLEMENT are available upon request.

⁵ Compiled by the U. S. Department of the Interior, Fish and Wildlife Service (prior to 1945 data were collected by the U. S. Department of Agriculture, Production and Marketing Administration, and reported by the Fish and Wildlife Service). These data represent the total holdings of fish, both freshwater and salt-water species, in cold-storage warehouses in the United States. The monthly figures are the stocks as reported for the 15th of the month through 1942 and beginning 1943 as of the 1st of the month following the period designated. The monthly reports give details as to holdings and the amount of fish frozen each month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly data for 1938-41 are available in the 1942 volume; monthly data beginning October 1916 through 1937 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS, and on p. 19 of the July 1928 issue of the SURVEY. Revisions (thousands of pounds): 1930—September, 85,358; October, 88,603; November, 91,872; December, 85,323; 1931—June, 39,384; July, 48,445; October, 73,144.

⁶ Compiled from the *Weekly Statistical Sugar Trade Journal*, published by Willet and Gray, Inc. Data represent all stocks on the island as of Saturday nearest the end of the month. A Spanish ton (the unit of measurement) is equivalent to 2,271.64 English pounds.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1920-34 and monthly data for 1934-40 are available in the 1942, 1940, and 1938 volumes; data shown in earlier SUPPLEMENTS have been revised and are available upon request.

⁷ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration, from reports by cane sugar refiners, beet sugar processors, importers of direct consumption sugar, and continental cane sugar mills. Data represent both raw and refined sugar in terms of raw sugar (96° equivalent). Deliveries for domestic consumption include deliveries for U. S. military forces at home and abroad. Deliveries for export include deliveries for lend-lease and deliveries for

liberated areas and military relief during periods when such shipments were made.

Data on entries from offshore areas are secured from reports from the importers and represent the amounts charged against quotas, except for the periods September 11 to December 31, 1939, and April 13, 1942 to December 31, 1947, when the quotas were suspended. The data include shipments from Puerto Rico, Hawaii, Virgin Islands, Cuba and other foreign countries, and, through March 1942 and beginning 1948, from the Philippine Islands. Invert molasses, produced and shipped in lieu of raw sugar at the request of the U. S. Government, is included as follows (annual totals, in terms of sugar equivalent, short tons): 1942, 316,466; 1943, 260,977; 1944, 700,914.

The data on entries from offshore areas differ from the imports of raw and refined sugar for consumption on p. 144, compiled by the Bureau of the Census, largely in that the latter are as reported, without conversion to equivalent raw sugar of uniform polarization, and do not include receipts from Virgin Islands.

Stocks include refiners' raw and refined stocks, stocks of beet processors, importers of direct-consumption sugar, stocks of mainland cane mills beginning December 1938, and importers' raw stocks beginning September 1939.

Monthly data for 1941-46 (except for entries from Hawaii and Puerto Rico) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures prior to 1941 are available upon request.

⁸ Data through 1941 are actual exports, as reported by the U. S. Department of Commerce, converted to raw value.

⁹ Monthly average computed from annual total; monthly figures not available.

¹⁰ Excludes importers' raw stocks and also, prior to 1939, stocks of mainland cane mills. Monthly averages for 1939 and 1940 excluding stocks of mainland cane mills and importers' raw stocks, comparable with averages for 1935-38, are as follows (short tons): 1939, 1,874,532; 1940, 1,974,696. The 1940 average comparable with the average for 1939 (excluding importers' raw stocks but including stocks of mainland cane mills) is 2,033,633.

¹¹ Average based on total which includes minor revisions not distributed by months.

¹² January-April 1948 total, including corrections for months prior to April is 248,372 tons; corrected monthly figures are not available.

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¹ Data are compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data are for cane sugar only and represent imports for consumption. Raw sugar represents all sugar testing not above 98° by the polariscope, while refined sugar is sugar testing above 98°. The data on sugar, originally reported in pounds, have been converted to short tons.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. (Revisions, short tons: Raw sugar, March and June 1946, respectively—total, 320,906 and 194,523; Cuba, 320,906 and 184,771; refined sugar, October 1945, total, 35,029.) Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume; monthly data for 1936-37 may be found in the 1940 SUPPLEMENT (data in earlier volumes have been revised). Data in the 1942 and 1940 SUPPLEMENTS are in long tons and should be converted to short tons for comparison with figures shown in later volumes.

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Wholesale prices are averages of weekly quotations, whereas the retail price of sugar is for the Tuesday nearest the 15th of the month.

The raw sugar price is for 96° centrifugal, Cuban sugar, including duty, at New York. The note in the 1940 SUPPLEMENT erroneously states that duty was excluded.

Retail prices of sugar prior to November 1937 (shown in italics) are based on a 1-pound bag of sugar, while subsequent prices are from quotations on 10-pound bags of sugar. The average for the year is based on the 1-pound quotations through October and the 10-pound quotations for November and December. The October 1937 price on the 10-pound basis is 5.5 cents per pound against 5.7 cents on the old basis. See note 8 with regard to a change in the series in January 1946.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 volume; earlier monthly data are given in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revisions: Raw sugar for January and

February 1928, \$0.045; refined sugar, retail price—June 1933, \$0.054; July 1933, \$0.052.)

³ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revision, December 1946, 11,641,000 pounds). Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 volume; monthly data for 1923-37 may be found in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. The totals shown represent the latest revised estimate (not monthly averages) of the year's total crop. The Department of Agriculture issues preliminary estimates as of the first of the month for July-December, and revised estimates in the following spring. Data for 1913 to 1930 are available in the 1942 SUPPLEMENT. Revised data for 1931-35 are as follows (millions of pounds): 1931, 1,565; 1932, 1,018; 1933, 1,372; 1934, 1,085.

⁵ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Data represent stocks of tobacco in the United States and Puerto Rico (on a farm-sales-weight basis) owned by all leaf tobacco dealers, manufacturers, quasi-manufacturers, growers' cooperative associations, warehousemen, brokers, holders, and owners (except manufacturers manufacturing less than 35,000 pounds of tobacco, less than 185,000 cigars, or less than 750,000 cigarettes during the first three quarters of the preceding calendar year). Growers are not required to report their stocks under the law. Data are on an ownership basis, i.e., they include stocks actually owned by those enumerated above.

All data on domestic stemmed tobacco have been converted to an unstemmed basis and the unstemmed is further converted to a farm-sales weight by allowing for normal shrinkage and losses of dirt, sand, and moisture in handling. Each type of tobacco has a different yield; the conversion factors used in these computations are shown in circular No. 435, "Tobacco Shrinkages and Losses in Weight in Handling and Storage," issued in July 1937 by the Department of Agriculture. Foreign data are converted to an unstemmed basis, and, since the weight at time of entry is analogous to the farm-sales weight of domestic types, they can be combined directly with the data for domestic types on a farm-sales-weight basis. Data for the total and cigar leaf have been revised for January 1936-April 1940 by deducting 5,550,000 pounds on the basis of discovery of errors in returns for one large dealer. It is known that a similar error occurred over a longer period of years but no definite records are available on which to base revisions earlier than 1936. Data are reported as of the first of April, July, October, and January, and have been moved back to the last day of the preceding month for presentation in the SURVEY.

Quarterly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Quarterly averages for 1913-34 and quarterly data for 1938-40 are available in the 1942 volume; earlier quarterly data are correct as shown in the 1940 SUPPLEMENT and on p. 15 of the March 1940 SURVEY, except for the total and cigar leaf for 1936 and 1937 which have been revised to exclude 5,550,000 pounds for each quarter (see preceding paragraph). Data for fire-cured and dark air-cured, flue-cured and light air-cured, and miscellaneous domestic (given separately in the 1947 and earlier issues of the SUPPLEMENT) should be combined for comparison with the data shown in subsequent volumes.

⁶ Data for tobacco stocks are averages of quarterly figures.

⁷ Averages based on months for which prices are available.

⁸ Data beginning January 1946 reflect a change in the sample and in the method of summarizing reports; January 1946 price on old basis is \$0.064, compared with \$0.067 for the current series. The 1946 average is for 11 months.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data for leaf tobacco represent total exports or imports of unmanufactured tobacco, including stems, trimmings, and scrap. Exports include shipments under the Army Civilian Supply Program beginning 1947; data were not reported prior thereto (see note 1, p. 102). In 1947, leaf tobacco included 110,000 pounds of such shipments and cigarettes, 405 million. Import data are imports for consumption.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (leaf tobacco exports, March and December 1946 revised, 52,219 and 60,164 thousand pounds, respectively). Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume (leaf tobacco exports, January 1939 revised, 28,013 thousand pounds). Monthly data for 1923-37 may be found in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Revisions: Leaf tobacco, 1931 (thousands of pounds)—exports, April, 46,829; August, 23,107; September, 44,958; October, 49,155; imports, March, 10,417; cigarettes (thousands) exports—1927, November, 548,984; 1930, November, 251,514; 1930, December, 338,916; 1931, March, 338,308; 1931, November, 228,328; 1932, January, 190,833.

² Compiled by the U. S. Treasury Department, Bureau of Internal Revenue. Data represent the production of all manufactured tobacco. Scrap chewing, fine cut, plug, and twist are combined for the column designated "chewing, plug, and twist." The monthly averages, except for 1950, are based on revised annual totals and differ from averages of the monthly figures which are from current reports and are not revised. The differences, however, are small.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT and monthly data for 1934-37 appear in the 1940 and 1938 volumes. Data for snuff were not reported monthly prior to 1941 and monthly figures through 1940 for the total therefore exclude this item; it is also not included in the monthly averages for the total as shown in the 1940 and 1938 SUPPLEMENTS. (Data for scrap chewing, fine cut, plug, and twist, shown in the 1947 and earlier SUPPLEMENTS, may be added for comparison with the data shown here.)

³ Compiled by the U. S. Treasury Department, Bureau of Internal Revenue. Tax-free withdrawals include withdrawals of small cigarettes (those weighing not more than 3 pounds per thousand) for the following purposes: For shipments outside continental United States, including exports and shipments for the use of the United States military forces (except shipments to Alaska and Hawaii for the use of military forces beginning January 1, 1946, which are tax-paid); for use as sea stores on vessels on the high seas beyond the jurisdiction of the internal revenue laws (does not apply to coastwise shipping); for purchases by agencies such as the Veterans Administration, the Public Health Service, and the Red Cross for distribution in hospitals, etc.; for personal consumption by employees in tobacco factories.

Monthly data for July 1943 through December 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Data by months are not available prior to July 1943; monthly averages, except for 1950, are based on annual totals and differ slightly from averages of the monthly figures, which are from current reports and are not revised.

⁴ Compiled by the U. S. Treasury Department, Bureau of Internal Revenue. Data represent tax-paid withdrawals for domestic consumption. With the exception of data beginning 1944 for cigarettes, the figures are estimates compiled on the basis of stamps sold by collectors' offices. They include withdrawals of domestic products from registered factories, withdrawals from bonded manufacturing warehouses, and imports (except imports from Philippine Islands prior to July 1946). Data beginning 1944 for cigarettes are actual withdrawals as reported by manufacturers and importers. Small cigarettes, weighing not more than 3 pounds per thousand, represent over 99 percent of the total production of cigarettes, and large cigars, weighing 3 pounds per thousand, have accounted for 96 to 98 percent of the total production of cigars during the period covered here. The figures for manufactured tobacco and snuff comprise plug, twist, fine-cut, and smoking tobacco, and snuff. The monthly statements of the Bureau of Internal Revenue give statistics of tax-paid withdrawals of tobacco products from Puerto Rico and, through 1942, withdrawals from Philippine Islands, which are not included in the figures shown here.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1915-34 and monthly data for 1938-40 are available in the 1942 volume; earlier monthly data appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revision, manufactured tobacco and snuff, December 1931, 25,013 thousand pounds).

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Monthly prices are averages of weekly figures.

The cigarette price is a composite price of three brands, per 1,000, f.o.b. destination, weekly as of Tuesday from manufacturer.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages and monthly data beginning 1926 appear in the 1942, 1940, 1938, 1936, and 1932 volumes.

⁶ See note 4 for this page.

⁷ Based on revised annual totals and differ from averages of the monthly figures which have not been revised.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. Data represent imports for consumption.

Total imports include buffalo hides, India water-buffalo, horse, colt, ass, and mule hides, cabretta, kangaroo, and wallaby skins, deer, buck, doe, and elk skins, fish and shark skins, reptile skins (excluded from January 1936-December 1940 when they were reported in pieces only), and seal (nonfur) skins, as well as the four other items given separately in the table. Prior to January 1936, other hides and skins not specified above were also included; since that date these have been excluded as they are reported in number of pieces rather than in pounds. The amount is small. Data for the four types shown separately are given here in pieces so that they will be of more value for use with the other leather series. They were shown in the 1940 and earlier SUPPLEMENTS in pounds.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (minor revisions for 1946 are available upon request); monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 SUPPLEMENT. The monthly average for 1914 for total hides should read 46,350,000 pounds and the monthly average for 1921 for goat and kid skins (designated "goat skins" in that volume) should read 3,265,000 pieces. The data prior to 1934 represent general imports. Monthly data prior to 1938 for the total are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Minor revisions have been made in figures for 1928 and 1931. Monthly data (in pieces) for the four other series prior to 1938 are available upon request.

² Prices are from the U. S. Department of Labor, Bureau of Labor Statistics. The series on steer hides is for green salted, bundled, f.o.b. Chicago. Calfskin prices are for city, under 15 pounds, bundled, f.o.b. Chicago, freight equalized. Both series currently are averages of weekly prices as of Thursday; earlier data are Saturday prices for steer hides and Tuesday prices for calfskins. Annual figures (except for 1949 and 1950) are averages of weekly quotations rather than averages of the monthly figures shown.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 SUPPLEMENT. Monthly figures for 1923-37 for steer hides and for 1932-37 for calfskins are shown in the 1940, 1938, 1936, and 1932 volumes. Monthly data prior to 1932 for the calfskin prices, which differ from the series in the 1932 SUPPLEMENT, are available upon request.

³ Compiled by the Tanners' Council of America. Data are based on reports received from practically the entire industry and are adjusted to an industry basis. Data for production of sheep and lamb leather include, for all years, the flesh side leather of split sheepskins (fleshers) and exclude the grain leather (skivers); figures prior to 1940 as shown in the 1942 and earlier STATISTICAL SUPPLEMENTS include skivers instead of fleshers and therefore differ slightly from the data in subsequent volumes.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1922-34 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT; monthly figures for 1932-37 appear in the 1940, 1938, and 1936 volumes. Monthly data for 1925-31 for calf and kip and cattle-hide leather are available on p. 19 of the June 1933 SURVEY and data for 1922-31 for goat and kid and sheep and lamb leathers are on p. 19 of the June 1935 issue. Data prior to 1940 for sheep and lamb leathers shown in these volumes differ slightly from figures published beginning with the 1942 STATISTICAL SUPPLEMENT (see above paragraph); revised figures for 1922-39, including fleshers instead of skivers, are available upon request.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. The series on sole-leather offal, including belting and wetting offal, includes data reported as "other sole leather, including offal" prior to 1936, as "other sole leather" and "sole and belting leather offal"

for 1936-40, and as "sole and belting leather offal" for 1941-44. These data appear to be approximately comparable. Exports of cut soles are not included in any of the data.

Upper-leather exports (p. 146) include cattle side uppers (black and other) and finished splits; calf and kip (black and other); sheep and lamb; goat and kid (black and other); deer and elk (replaced horse and colt upper leather beginning January 1946); other upper leather not elsewhere specified; and patent upper leather (cattle, calf and kip, goat and kid, and other patent). Wax and rough splits are not included, since they are reported in pounds rather than in square feet; a conversion factor cannot be determined, as it is impossible to ascertain the varying weight of the wax used.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages prior to 1935 and monthly data 1938-40 will be found in the 1942 SUPPLEMENT. The unit for upper leather is erroneously stated in that volume as 1,000 pounds instead of the correct unit of 1,000 square feet. Earlier monthly data (beginning 1923) for sole leather are available upon request; combined figures for the two series prior to 1936 appear in the 1938 SUPPLEMENT. Monthly figures beginning 1922 for exports of upper leather appear in the 1940 and 1938 SUPPLEMENTS and on p. 20, of the January 1938 SURVEY.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Beginning 1939, the price of sole leather is for steer bends, packers', tannery run, vegetable tanning, in carlots, f.o.b. tannery. Earlier data are for steer bends, tannery run, f.o.b. Boston; also the specifications differ slightly from the current series and prices are for any quantity and are from a different source. The 1939 average comparable with earlier data is \$0.377.

The chrome series is an average of prices at tanneries reported by five firms. Because of a change in source of data beginning 1938, the comparability of the chrome series is slightly affected at that point. A further minor change in the composite chrome price was made in September 1947 when one firm's B grade was substituted for an erroneously reported A grade.

Both series are based on Tuesday quotations. Annual figures (except for 1947) are averages of weekly quotations rather than averages of the monthly figures shown.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages prior to 1935 and monthly data for 1938-40, except 1939-40 data for the current series for sole leather, are in the 1942 SUPPLEMENT. The 1934 monthly average for chrome calf should read \$0.324. Monthly data for chrome calf for 1928-37 are shown in the 1940, 1938, 1936, and 1932 volumes. Monthly figures for 1939-40 for the earlier series, are available upon request (see note in the 1942 SUPPLEMENT with regard to data prior to 1931 for an approximately comparable series). Revisions for sole leather are as follows: March 1939, \$0.319; January 1940, \$0.369.

⁶ Based on annual total including minor revisions not distributed by months.

⁷ Data, beginning August 1949, are for unweighted skins; this does not affect the comparability of the series.

⁸ No quotation.

⁹ Average of data for 11 months.

¹⁰ See second paragraph of note 5 above.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census, from monthly reports of manufacturers representing approximately 99 percent of the total production for 1935-36, 98 percent for 1937-42; and practically the entire production for 1943-50. Reports cover all known factories which use conventional shoe machinery. There were 1,243 such establishments in December 1949. The 1949-50 figures (except the 1949 monthly data "by types of uppers") include the production of establishments identified through the 1947 Census of Manufactures and not covered in previous years; these factories accounted for about 4 percent of total production. Data for leather shoes made under Government contract were reported separately for 1941 to 1946; these shoes are included in total shoe production for this period but are not included in the breakdown by types and kinds (for monthly data, 1941-46, and further detail on military production, see the 1947 STATISTICAL SUPPLEMENT).

The data through 1943 by kinds for shoes, sandals, and play shoes, except data for infants' and babies', include only those with leather uppers. Data for all categories beginning 1944, and earlier figures for infants' and babies' shoes, include

also those with part leather and nonleather uppers. Beach sandals were reported in the classification for shoes, sandals, and play shoes beginning 1945 and are distributed by kinds for 1945-50. For 1936-44, production of beach sandals was reported separately and is included here in the total and in the part leather and nonleather classification. For 1935 they were reported with the "all other" group. The number of beach sandals included in total shoes, sandals, and play shoes and in the part leather and nonleather classification is as follows (annual totals, thousands of pairs): 1936, 3,745; 1937, 3,929; 1938, 4,496; 1939, 4,571; 1940, 4,324; 1941, 6,874; 1942, 7,294; 1943, 2,578; 1944, 2,747. Some footwear classified as beach sandals in 1942 was reported as play shoes in the all leather and part leather and nonleather classifications in 1943. Some play shoes with leather uppers are therefore included in the part leather and nonleather classification for 1942 and earlier years.

Data for athletic shoes include all types of uppers beginning with 1945; prior thereto only those with all-leather uppers are included, while athletic shoes with part leather and nonleather uppers are included with data for part leather and nonleather shoes, sandals, etc.

The "all other" group represents barefoot sandals, theatrical footwear, and other footwear not distributed as to kind. Beginning in 1937, an indeterminable quantity of women's part leather, part fabric, and all fabric (satin, canvas, etc.) shoes previously included incorrectly in women's leather shoes was classified in the proper groups. This accounts for part of the increase in the part leather and nonleather classification in 1937 as compared with 1936. Certain other revisions have been made in the 1937 totals for the year which cannot be apportioned to the proper months. The revisions, occasioned by the discovery of incorrect reporting, reduced the total for the part leather and nonleather classification by 3.7 percent, while increasing the women's class 0.6 percent and misses' and children's and total leather uppers each 0.3 percent. The reporting error also affects the 1935 and 1936 figures, but the extent of the revision for these years cannot be determined.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1914, 1919, and 1921 and monthly figures beginning 1922 are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census beginning May 1941 and Bureau of Foreign and Domestic Commerce prior to that time. The data represent the exports of boots and shoes (including men's, youths' and boys', women's and misses', and infants' and children's) and slippers and moccasins (all leather) for housewear. Exports of footwear with leather soles but with uppers of material other than leather are not included.

Beginning 1947, data include shipments under the Army Civilian Supply Program; such shipments amounted to 73,379 pairs of boots and shoes in that year.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 SUPPLEMENT. For monthly figures for 1913-37, see the 1940 and 1938 volumes and p. 18 of the January 1938 SURVEY.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. All series are f.o.b. factory and are based on Tuesday quotations. It is, of course, difficult to maintain a homogeneous series on these products, since variations in quality and, to a lesser extent, shifts in consumer preference affect the comparability of the series.

Monthly data for 1941-46 for men's black calf oxford, plain toe and tip toe are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures beginning 1933 for the plain-toe series are available upon request. Monthly averages for 1926-34 and monthly figures for 1936-40 for the tip-toe series appear in the 1942 and 1940 SUPPLEMENTS (series was designated as "corded tip"); earlier monthly data beginning 1926 are available upon request.

Data shown for women's black kid blucher oxford are comparable beginning 1940 (more exact description—plain black kid blucher oxford, leather sole, composition base heel with rubber top lift). Earlier data, shown in italics, are for colored elk blucher oxford, leather sole, leather heel base with rubber top lift. The 1940 average comparable with the italicized series for earlier years is \$3.292 compared with \$3.000 for the current series. Monthly data for 1941-46 for the current series are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly data for 1940 are available upon request. Monthly figures for 1934-41 for the italicized series are shown in the 1942, 1940, and 1938 volumes (title in the

latter volume, "women's colored calf," in error). Monthly averages for 1921-33 for an earlier series appear in the 1942 SUPPLEMENT and the note in that volume gives a comparable average for 1934; monthly figures for 1923-31 for this series are in the 1932 SUPPLEMENT.

⁴ Beach sandals, included with "all other" footwear in 1935, are included under "shoes, sandals, and play shoes" beginning 1936. Both the 1935 and 1936 figures for "part leather and nonleather" are affected by incorrect reporting in these years (see 4th paragraph of note 1).

⁵ Includes some men's, youths' and boys', women's, and misses' and children's shoes not reported by kinds.

⁶ Includes shoes produced under Government contract; these data, reported separately in 1941-46, are not included in the breakdown by types and kinds (see 1st paragraph of note 1 above).

⁷ The monthly average and the corresponding monthly figures for 1944 include 2,747 (monthly average 229) thousand pairs of beach sandals not distributed by kinds.

⁸ Data for 1944 comparable with those for earlier years, which represent only shoes with leather uppers, are as follows (monthly averages, in thousands of pairs): Men's, 5,510; boys' and youths', 1,355; women's, 9,752; misses' and children's, 2,970.

⁹ Monthly average production of athletic shoes with leather uppers only, comparable with earlier data, is 234 thousand pairs.

¹⁰ Beginning January 1946, the total and the distribution by kinds include small revisions not available by types of uppers.

¹¹ Camp moccasins, loafer-type shoes, strollers, and sportswear, formerly included with athletic, are included with shoes, sandals, and playshoes beginning September 1946.

¹² Data include the production of establishments identified through the 1947 Census of Manufactures and not covered in previous years (see 1st paragraph of note 1 above); the 1948 monthly averages (except all leather and part leather and nonleather) and the 1949 averages for "all leather" and "part leather and nonleather" were revised to include production of these establishments but such data are not available by months.

¹³ Data exclude "special category" items.

¹⁴ No quotation.

¹⁵ Data include revisions not distributed by months.

¹⁶ Average of data for 11 months.

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¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Exports of sawmill products include all types of hardwood and softwood lumber (rough-sawn, dressed, and worked or patterned) and flooring; small hardwood dimension stock; and beginning 1939, sawed railroad ties. Because of changes in commodity classifications, figures beginning 1949 exclude exports of box shooks which averaged 1,244,000 board feet monthly in 1948. Data on laths and shingles are excluded for all years. Beginning 1947, figures include shipments under the Army Civilian Supply Program (not previously available) which amounted to 580,000 board feet in 1947.

Imports of sawmill products are imports for consumption and include imports of all sawed woods including timber, rough and dressed boards and flooring, and some small amounts of cabinet woods (sawn and planed, and tongued and grooved). The classification of sawmill products covers boards and lumber through 1937; clapboards were added beginning January 1938 (these amounted to 3.8 percent of total imports in 1937, 1.1 percent in 1936, and were negligible prior to that year); beginning January 1939, box shooks and sawed railroad ties are included but were not separately classified before that date. Laths, shingles, pickets, and palings, included in the sawmill products classification in the original reports through 1938, are excluded from data shown here for all years.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are shown in the 1942 issue; see note in that volume with regard to certain items excluded prior to 1923; data prior to 1934 are general imports. Monthly data for imports and sawed timber exports for 1913-37 are shown on p. 18 of the October 1939 SURVEY. Monthly data for 1913-37 for exports are shown on p. 18 of the March 1940 SURVEY (the series were revised to include hardwood flooring beginning 1923 instead of beginning 1926 as stated in the footnote).

² Compiled by the National Lumber Manufacturers Association. Data are estimates based on monthly reports from re-

gional associations adjusted to annual production figures through 1947 compiled by the Bureau of the Census. Coverage of the reported monthly data varies widely within the regions (from 7 to 78 percent for 1950). Reported figures from producers for the country as a whole averaged around 75 percent of estimated total lumber production for 1935, 50 to 65 percent for 1936-37, 50 to 60 percent for 1938-40, 48 to 52 percent for 1941-44, 42 percent for 1945, 38-34 percent for 1946-50. Separate data for three of the principal softwood regions (Douglas fir, Southern pine, and Western pine) included in the national totals are shown on pp. 149 and 150 and described in the appropriate notes for the series; these regional figures for Douglas fir and Western pine beginning January 1947 are subject to later revision.

Shipments cover both domestic and foreign shipments. Stocks represent those at mills and also at concentration yards for the Southern pine region, and are gross stocks (except as indicated in note 3). Stock figures for the Southern pine region were revised as of December 1943 to include stocks at concentration yards and adjustments were made in all earlier data by adding a constant amount, 798 million board feet, to the previously published figures. (See note 4 for p. 149.) Stock figures for total lumber and for softwoods, as shown in the 1942 and earlier SUPPLEMENTS, have been increased by this amount. Stock figures published in SUPPLEMENTS prior to this issue have been further revised beginning January 1936 to include for the Southern hardwood region gross stocks, sold and unsold, as for other regions, and beginning January 1938 to include "green" stocks for the Appalachian region which was found to have been reporting only "dry" stocks. The January 1936 and January 1938 figures included in the monthly averages are in each case comparable with data for other months of the year; the revised January figures are given in note 3.

There is considerable undercoverage in the Census data for lumber production prior to 1942 which is reflected in the association data adjusted to Census totals. In 1942 the Bureau of the Census made a special effort to cover all mills and in a field canvass in certain eastern States, found a large number of mills, mostly of small size, which had not been covered in previous canvasses conducted by mail, or largely by mail, in these States prior to 1942. The Bureau of the Census has made no appraisal of the undercoverage of the earlier data. Estimates of lumber production prior to 1942 have been prepared by the U. S. Forest Service, however, and these are believed to approximate more nearly total lumber production than the census totals used by the Association and to give a better picture of trends. Monthly averages for 1935-41 based on these estimates are as follows (millions of board feet): Total lumber—1935, 1,912; 1936, 2,302; 1937, 2,417; 1938, 2,069; 1939, 2,396; 1940, 2,597; 1941, 3,045; hardwoods—1935, 396; 1936, 467; 1937, 488; 1938, 406; 1939, 455; 1940, 461; 1941, 556; softwoods—1935, 1,516; 1936, 1,835; 1937, 1,929; 1938, 1,663; 1939, 1,941; 1940, 2,135; 1941, 2,489. Similar estimates are available also for earlier years.

Revised monthly data (varying from previously published figures on the average by less than 10 million board feet per month and, for some years, not affecting the monthly average) for total lumber production and shipments beginning 1934, and for stocks for 1936 and 1938 are available upon request. (These revised monthly data for 1939 reflect the inclusion of lumber salvaged from the New England hurricane of 1938, totaling 173 million board feet; for 1941, the inclusion of output of mills cutting less than 50 million board feet.) Monthly data, not incorporating these adjustments, for production, shipments, and stocks for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For production and shipments, monthly averages prior to 1935 and monthly figures for 1936-40 may be found in the 1942 and 1940 SUPPLEMENTS and monthly data for 1934-35 for hardwoods and quarterly data for 1932-33 for all series are available in the 1938 and the 1936 volumes, respectively. Stock figures for the same periods, with the exception of softwood stocks for 1940 and total and hardwood stocks for December 1936-December 1940, may be obtained from the indicated sources by adding 798 million board feet to the figures for total lumber and softwoods—see explanation above. (Revised and adjusted stock figures, in millions of board feet, are as follows: December 1936—total, 9,418; hardwoods, 2,619; December 1940—total, 8,352; hardwoods, 2,372.) Revised monthly stock figures for 1937-39 for the total and hardwoods and for 1939 for softwoods (except December 1939 figures) may be obtained by similarly adding 798 to the total and softwood figures in table 2, p. 27 of the March 1943 SURVEY (revised December 1939 figures including the adjustment of 798 and other revisions, in millions of board feet—

total, 9,428; hardwoods, 2,688; softwoods, 6,740). As noted above, monthly data for total lumber and softwoods for 1934-35, quarterly data for 1929-31 for all series, and softwood stocks for 1940 are available upon request.

³ Data for 1935-37 exclude "green" stocks for the Appalachian region, included in later data. In addition, the 1935 figures include only "net," or unsold, stocks for the Southern hardwood region. These omissions seriously affect the comparability of the data for hardwoods and, to a lesser extent, the data for total stocks as indicated by comparison of the following figures (in millions of board feet): January 1936 figures including "net stocks" for the Southern hardwood region—total, 8,546; hardwoods, 2,095; January 1936 figures revised to include gross stocks for this region, as in later data—total stocks, 9,229; hardwoods, 2,758. January 1938 figures, in millions of board feet, are as follows: For dry stocks only—total, 10,303; hardwoods, 2,935; softwoods, 7,368; revised to include green stocks for the Appalachian region (included in the average)—total, 10,481; hardwoods, 3,103; softwoods, 7,378.

⁴ Based on revised annual totals including minor corrections not distributed by months.

⁵ Beginning 1948, figures exclude exports of box shooks which were included in earlier data; see note 1 for this page.

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¹ Compiled by the *West Coast Lumberman's Association*. Data are estimated total operations for the region as reported to the National Lumber Manufacturers Association. The region (formerly designated West Coast woods) is limited to the portions of the States of Washington and Oregon west of the Cascades, and also includes Douglas fir production in two coastal counties of California; the pine production of Jackson and Josephine counties of Oregon is reported by the Western Pine Association (see second paragraph of note 4 for p. 150). Although the lumber is predominantly Douglas fir, there are also included West Coast hemlock, Western red cedar, and Sitka spruce. The estimates are based on monthly reports and represent for 1935-40, 75-80 percent of the total; 1941-45, 70-75 percent; 1946-48, 66-68 percent; 1949, 60 percent; 1950, 54 percent. They have been adjusted to trends indicated by annual production data through 1947 reported by the *Bureau of the Census*. Stock figures are gross mill stocks. Shipments include domestic and export shipments.

Data for production, orders, and shipments (reported as weekly averages for the month by the West Coast Lumbermen's Association) are adjusted by the National Lumber Manufacturers Association to represent approximately calendar months. The adjusted monthly data are corrected to quarterly totals. Stocks and unfilled orders are as of the end of the month as shown in the original reports. Stock figures are computed on the basis of differences between production and shipments and surveys of actual inventories.

Beginning 1929, minor monthly revisions have been made in all series and are available upon request. Monthly data for 1941-44 (on the former basis of regional coverage, as noted above) are shown in the 1947 STATISTICAL SUPPLEMENT. Monthly or quarterly averages prior to 1935 may be found in the 1942 SUPPLEMENT and monthly figures for 1938-40 (revised since publication in that volume) are available for new orders, production, and shipments on p. 28 of the March 1943 SURVEY.

² Compiled by the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce* through April 1941 and *Bureau of the Census* thereafter. Exports of Douglas fir (including "Oregon pine") sawmill products include rough-sawed, dressed, and untreated lumber; because of changes in commodity classifications, data beginning 1949 include also lumber treated with preservative (exports of treated products amounted to 1,945,000 and 1,040,000 board feet in 1949 and 1950, respectively). This series does not cover logs, hewn and round timber, railroad ties, laths, shingles, and other wood manufactures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1936-40 are shown in the 1942 and 1940 issues (see notes in those volumes regarding the 1922 and 1923 data); monthly figures for 1923-35 (except for minor revisions in the 1931 data) for sawed timber and boards, scantlings, etc., (designated "timber" and "lumber," respectively) are available in the 1938, 1936, and 1932 volumes, and monthly figures for the total may be obtained by addition. Monthly figures prior to 1923 appear in the Monthly Summary of Foreign Commerce of the United States, but in some instances have been revised.

³ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. More complete specifications of the series are as follows: No. 1 common—dimension, No. 1 common, 2 by 4 inches by 16 feet, dried, S4S, S1E, or rough; flooring—flooring, "8" and better, flat grain, 1 by 4, dried, random length. Both prices are for mixed carlot, f.o.b. mill. Data are computed from Tuesday prices reported by manufacturers. For the period July-December 1950, the prices cover the same commodity descriptions but represent a composite of quotations from a larger number of companies; beginning 1951, the series (shown in current issues of the SURVEY) are composite prices for a smaller number of companies. The June 1950 prices were estimated by the Office of Business Economics on the basis of indexes computed by the BLS.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1922-34 and monthly data for 1938-40 are shown in the 1942 volume. Monthly data for 1922-37 are shown on p. 17 of the May 1941 SURVEY.

⁴ Compiled by the *Southern Pine Association, Inc.*, and reported to the National Lumber Manufacturers Association. Data relate to all yellow pine, as listed by the *Bureau of the Census*, and are estimated industry totals based on reports from mills representing for 1935 to mid-1936 from 40 to 60 percent of total production; from mid-1936 to 1941, about 30 percent; 1941-47, 20 to 25 percent; and for 1948-50, 16-17 percent.

Data on production are adjusted to annual totals through 1947 reported by the Bureau of the Census; estimates since 1947 are projected on the basis of 1947 figures of the Bureau of the Census. Shipments include domestic and export shipments. Stock figures are estimated gross stocks at mills and concentration yards and are computed from the difference between total production and shipments. Unfilled orders are similarly computed from differences between total orders and shipments. The estimate of stocks for December 31, 1943, has been adjusted to agree approximately with the *U. S. Forest Service* estimate of Southern pine stocks as of that date; unfilled orders for December 1943 have been adjusted on the basis of the ratio of unfilled orders to stocks shown by units reporting to the Association. Stocks and unfilled orders since that date have been computed by carrying forward the December 1943 estimates on the basis of differences between production and shipments, and orders and shipments, respectively. The revisions as of December 1943 were carried back to 1929 by adding to the computed figures previously published for stocks and unfilled orders, constant amounts of 798 million and 110 million board feet, respectively.

There is known undercoverage in the Census canvass of mills in the eastern States prior to 1942, as explained in paragraph 3 of note 2 for p. 148. Since the Association's data are adjusted to Census annual totals, this undercoverage is reflected in the data and affects the comparability of the figures for 1941 and earlier years with those beginning 1942. Information is not available on the extent of incompleteness in the Census figures for Southern pine prior to 1942.

It is stated by the Association that since the Southern pine industry is so widely scattered and consists of so many small mills which operate intermittently and under different circumstances, no basis is afforded for exact computations for the industry.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. All figures for unfilled orders and stocks shown in SUPPLEMENTS prior to the 1947 issue should be increased by 110 and 798 million, respectively, as indicated above. Subject to this adjustment, monthly averages prior to 1935 and monthly figures for 1934-40 may be found in the 1942, 1940, and 1938 SUPPLEMENTS; the 1929-31 averages for unfilled orders and stocks shown in the latter issues are based on end-of-quarter instead of on monthly figures as in later volumes. Monthly figures for 1929-33 are available upon request.

⁵ Beginning 1949, data include exports of treated lumber; see note 2 for this page.

⁶ Estimated; based on index computed by *Bureau of Labor Statistics*.

⁷ Figures beginning July 1950 are not strictly comparable with earlier data; see note 3 for this page.

⁸ Based on 6 months, July-December.

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¹ See note 4 for page 149.

² Compiled by the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce* through April 1941 and *Bureau of*

the Census thereafter. Total exports of Southern pine sawmill products include rough-sawed and dressed lumber, both treated with preservative and untreated, of long- and short-leaf, pitch, and slash pine. Excluded are: Logs, hewn and round timber, railroad ties, laths, shingles, and other wood manufactures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1936-40 are shown in the 1942 and 1940 volumes. Monthly figures for boards, planks, and scantlings for 1923-35 (except for minor revisions in figures for 1931) and for sawed timber for 1923-27 and 1934-35 are available in the 1938, 1936, and 1932 SUPPLEMENTS; the two series are shown in these volumes as "lumber" and "timber," respectively; the total for sawmill products is not shown but can be obtained by addition. The figures for timber as shown in the 1936 and 1932 SUPPLEMENTS beginning with the year 1928 have been revised and are 2 to 3 percent higher than there shown. This revision was the result of the addition of exports of creosoted and otherwise preserved timber, which were already included for years prior to 1928. The revised 1928-33 monthly figures for timber and 1931 figures for boards, planks, and scantlings are available upon request. Monthly data prior to 1923 appear in the Monthly Summary of Foreign Commerce, but in some instances have been revised.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Beginning August 1942 each of the price series for Southern pine is a composite of data reported by nine manufacturers and includes both eastern and western mills. The specifications beginning February 1945 are as follows: Boards—No. 2 common, 1" x 6" or 1" x 8", x 12' (average length), short leaf, surfaced on one to four sides, dried, loose, carlot or mixed cars, f.o.b. mill; flooring—B and better, 1" x 4" x 12-14', flat grain, plain end, kiln dried, bundled, carlot or mixed cars, f.o.b. mill. Data from August 1942 through January 1945 are estimates computed by the U. S. Department of Commerce, Office of Business Economics, by linking slightly different price series to current data beginning February 1945. Earlier data, shown in italics, are for carlot or mixed car shipments, f.o.b. mill west of the Mississippi, mill average to wholesaler and retailer, based on Tuesday quotations from trade organization. The specifications for these earlier data are as follows: Boards—No. 2 common, 1" x 8", short leaf, standard length, including rough, surfaced on one to four sides, shiplap and center matched; flooring—B and better, flat grain, 1" x 4", short leaf.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1926-34 and monthly data for 1938-40 are shown in the 1942 volume and monthly data for 1926-37 are available on p. 22 of the April 1942 SURVEY (revision for boards, January 1935, \$18.113).

⁴ Compiled by the Western Pine Association. Data are estimated totals for the Western pine region as reported to the National Lumber Manufacturers Association. The estimates are based on monthly reports of a varying number of mills and are adjusted to regional totals on the basis of annual production data compiled by the Bureau of the Census. Mills reporting monthly production, shipments, and stocks represented, on an average, for 1935-41, about 90 percent of the estimated totals; 1942-45, 85 percent; 1946, 80 percent; 1947-49, 75 percent; and for 1950, approximately 72 percent. Mills reporting new and unfilled orders account for a somewhat smaller percentage of the totals. Production figures have been adjusted to annual totals reported by the Bureau of the Census through 1947. Data for new and unfilled orders and shipments have been changed proportionately. Stocks, representing gross mill stocks, are computed by applying the difference between production and shipments each month to figures for the preceding month and are checked against actual inventory figures supplied by the reporting mills. Production figures are also checked by the Association against confidential figures by counties compiled by the U. S. Forest Service.

The data relate to all softwoods produced in the pine regions of the following States: Washington and Oregon, east of the crest of the Cascades, in addition to the pine production in Jackson and Josephine Counties of Oregon; California, except in the 10 Northwestern coastal counties or redwood region; Idaho; Montana; South Dakota; Wyoming; Colorado; Utah; Nevada; New Mexico; and Arizona. The woods included and their approximate percentage of total production in the Western pine region in 1947 are as follows: Ponderosa pine, 59 percent; sugar pine, 4 percent; Idaho white pine, 4 percent; lodgepole pine, 2 percent; larch and Douglas firs, 25 percent; white fir,

3 percent; Engleman spruce, Western red, and incense cedar, combined, 3 percent. The series for Western pine have been revised since publication of the 1947 STATISTICAL SUPPLEMENT because of changes in the regions covered; they include pine production only (instead of total production as formerly) in two counties of Oregon which now produce largely Douglas fir, and total production in Colorado, Utah, and Wyoming instead of only partial production in these states. The series for Douglas fir region (formerly West Coast woods) have been revised (beginning 1946) to include all species except pine production in the two counties of Oregon. The data for 1947-50 for both series are subject to later revision. Monthly figures beginning 1924 are available upon request.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, from information furnished by the Western Pine Association. The complete specifications are as follows: Pine, Ponderosa, boards, No. 3 common, 1" x 8", random length, surfaced on 2 to 4 sides. Prices are for loose carlot or mixed car shipments, f.o.b. mill.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1926-34 and monthly data for 1938-40 are available in the 1942 issue, and monthly data for 1932-40 are shown on p. 22 of the April 1942 SURVEY.

⁶ Average for 5 months, August-December. The average for the entire year comparable with the earlier figures in italics is \$30.160 (average for August-December \$30.000).

⁷ Average for 5 months, August-December. The average for the entire year comparable with the earlier figures in italics is \$54.830 (average for August-December \$55.000).

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data cover all known softwood plywood mills. They include total softwood plywood production with the exception of a small quantity (approximately 1 percent of the total) produced in establishments engaged principally in the manufacture of hardwood plywood. Based on reports received from mills, approximately 95 percent of the total softwood plywood is produced from Douglas fir; the remainder is primarily Ponderosa pine plus small quantities of Western hemlock, spruce, Noble fir, white fir, and cedar. There were 34 active mills in September 1941; at the end of 1948 there were 48 mills; 1949, 57; and 1950, 61. Estimates were made for some mills that did not report for certain months, on the assumption that month-to-month changes were the same for nonreporting mills as for reporting mills. Shipments data include consumption in reporting plants. All thicknesses of plywood are reported on a 3/8" equivalent basis. The original reports show separate data for interior and exterior plywood, and data on consumption and stocks of logs and glue.

Monthly figures were not collected prior to September 1941; monthly data for September 1941-December 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. The monthly average for 1939 is based on production reported in the Census of Manufactures for that year; estimates are included for small quantities reported by value only. Comparable data are not available for earlier years.

² Compiled by the Maple Flooring Manufacturers Association, and reported to the National Lumber Manufacturers Association. The data, which are raised to a total industry basis, are based on reports of a varying number of mills, estimated to represent 86 to 88 percent of the total for 1935-43, around 80 percent for 1944, and 90 percent for 1945-50. The Association states that, with the possible exception of data for 1940 and 1941, the estimates are fairly dependable, since reliable information on the operations of nonreporting mills was available. In 1940 and 1941, information regarding nonreporting mills was less complete than in other years and the margin of error in the estimates is larger.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT and quarterly or monthly figures for 1932-37 may be found in the 1940, 1938, and 1936 volumes; quarterly figures for 1929-31 are available upon request. This series differs from that shown in the 1932 SUPPLEMENT.

³ Compiled by the National Oak Flooring Manufacturers Association. Data are based on reports of member companies which account for 75 to 80 percent of the industry prior to September 1947, gradually decreasing to about 68 percent in the period from December 1948 through 1950. Estimates are included for nonreporting companies.

For the period 1940-46, the figures have been adjusted to include prefinished flooring and relatively small amounts of heavy hardwood flooring of species other than oak; production of these items averaged 40.8 million board feet annually for these years.

Monthly data for 1941-46 shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, exclude figures for prefinished flooring and hardwood flooring other than oak as noted above; revised monthly data for production, shipments, and new orders are available upon request. Monthly averages for 1914-33 for production and monthly figures for 1936-40 for all series are available in the 1942 and 1940 SUPPLEMENTS. Revised 1934 monthly averages (thousand board feet): New orders, 8,814; unfilled orders, 11,387; production, 8,709; shipments, 8,988; stocks, 64,384.

Scattered revisions in all series for 1934-35 are available upon request. The 1914-33 monthly averages shown in the SUPPLEMENT beginning with the 1938 issue are based on revised annual totals and differ from figures in earlier volumes (see note in 1942 SUPPLEMENT).

⁴ Average for 4 months, September-December.

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¹ Compiled by the U. S. Department of Commerce, Office of Business Economics, from data collected by the Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Iron and steel products cover all commodities for which tonnage figures are available, classified according to the present export schedule as steel-mill products, and the import schedule as iron and steel semimanufactures and steel-mill products (manufactures), plus ferromanganese, ferrosilicon, and certain other ferro-alloys; they do not cover the advanced manufactures of iron and steel. Imports data represent imports for consumption.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Earlier monthly averages beginning 1913 for total exports and imports and 1922 or 1923 for scrap and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT (it should be noted that data in the 1942 and earlier SUPPLEMENTS are in long tons). Monthly figures prior to 1938 are available in the 1940, 1938, and 1936 SUPPLEMENTS, as follows: Total exports and total imports, 1932-37 (monthly figures for 1919-31 for total imports are on p. 20 of the November 1932 SURVEY); scrap exports, 1936-37 (in 1940 SUPPLEMENT there have been minor revisions of data in the 1938 volume); scrap imports, 1934-37 (revision—March 1935, 2,387). Other monthly figures, beginning 1922 for exports and 1913 and 1923, respectively, for total imports and scrap imports, are available upon request.

² Including tin-plate scrap; tin-plate circles, strips, cobbles, etc.; terneplate clippings and scrap; and reolling rails.

³ Compiled by the U. S. Department of the Interior, Bureau of Mines. The monthly data are estimated industry totals based on reports from consumers accounting for 96 to 99 percent of the industry total from the latter half of 1941 through 1945 and 90 to 95 percent in 1946-50. Home scrap includes largely scrap resulting from manufacturing processes (recycled or run-around scrap), and some old material produced at the plant reporting. Purchased scrap consists not only of scrap purchased from outside sources but also of scrap transferred from other plants under the same control and scrap received under exchange contracts or conversion agreements.

The monthly averages for consumption are computed from annual totals, based on actual reports from all consumers, and differ from averages of the monthly figures; in most cases, the differences are minor. The year-end stock figures for 1938-40 are also from the annual surveys.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Quarterly data December 1939-December 1940 for consumption and September 1939-December 1940 for stocks are shown in a footnote on p. S-29 of the November 1942 SURVEY (it should be noted that the 1939-40 figures for consumption given in this note relate only to the last month of each quarter).

⁴ Compiled by the U. S. Department of Interior, Bureau of Mines. Monthly data (available beginning January 1943) are based on reports from practically all mines in the U. S.; they include estimates for a number of very small mines in the southeastern area, whose output is only a few thousand tons per month. Monthly averages for production and shipments are computed from annual totals based on actual reports from all mines and for 1943-49 differ slightly from averages of the

monthly figures. The year-end stock figures (stocks at mines) for 1935-42 are also from the annual surveys and for 1935-41 are not entirely comparable with data for later years (see note 5). All figures exclude ore containing 5 percent or more of manganese.

The iron ore producing districts, and the percentage of total production in each for 1947-50, are: Lake Superior District—Michigan, Minnesota, and Wisconsin, 80-82 percent; Southeastern States—Alabama, Georgia, and Virginia, 8-9 percent; Northeastern States—New Jersey, New York, and Pennsylvania, 4-5 percent; Western States—California, Missouri, Nevada, Texas, Utah, and Wyoming, 5-6 percent. About 1 percent of production consists of byproduct ore (iron cinder and sinter obtained from the pyrites industry), produced chiefly in the Southeastern States.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; and for 1943-44, in the 1947 volume.

⁵ Data are as of December 31 based on reports from all mines; they exclude stocks of byproduct materials (pyrites cinder and sinter at plants that produce these products for consumption in iron and steel furnaces) which are included in data for later years; the December 31, 1942, stock figure excluding byproduct material, comparable with earlier data, is 3,367 thousand long tons.

⁶ Stocks as of December 31.

⁷ Average for 8 months—March and June through December.

⁸ Based on annual total including revisions not distributed by months.

⁹ Stock data were not collected for January; average for 11 months, February-December.

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¹ Compiled by the Lake Superior Iron Ore Association; data, for the most part, cover Lake Superior ore only. Consumption by furnaces includes interior furnaces in central and eastern districts, and lake front furnaces in the United States, and those which receive ore by rail and lake-shore Canadian furnaces. Beginning in November 1936 consumption includes tonnages at eastern plants which use only a small proportion of lake ore. Total stocks and stocks at furnaces are similarly affected beginning April 1937. Stocks at furnaces include stocks at both United States and Canadian furnaces. Stocks on Lake Erie docks are those on U. S. docks only. The number of furnaces has varied from 341 to 186 (194 at the end of 1950), the large reduction resulting from the dismantling of furnaces and from the elimination of furnaces which no longer use lake ore. Shipments represent movement of lake ore through the upper lake ports, including not only tonnage passing through the Sault Ste. Marie Canals but also that from ports on Lake Michigan, but do not include direct rail shipments; comparatively small amounts shipped from Canada are included beginning August 1939. In recent years the Lake Superior region accounts for approximately 80-83 percent of the total iron ore shipments in the country. Because navigation is closed, no shipments are made during January and February and usually during March (in 1944 there were also no shipments during December); monthly averages, however, are based on 12 months. Tonnages for the upper lake ports are railroad weights, whereas those at other ports are bill-of-lading weights.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Earlier monthly data may be found in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS; only minor revisions have been made.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data represent imports for consumption, and those for imports of manganese ore represent manganese content.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT (data for manganese ore prior to September 22, 1922, represent gross weight and for 1923-26 exclude imports from Cuba). Earlier monthly data are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (1927-31 figures for manganese ore have been revised to include imports from Cuba).

³ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports to that agency beginning October 1945, and from earlier reports to the War Production Board. All data are estimated industry totals. Data for 1943 have been raised to industry totals by the Office of Business Economics (for percentage of industry coverage represented by reported data, see note 3 on p. 267 in the 1949 STATISTICAL SUPPLEMENT). For

1944-46, data are based on annual reports from practically all foundries. Beginning July 1947, data for miscellaneous gray-iron castings (representing from 66-63 percent of the total gray-iron castings for 1947-50) are based on a scientifically selected sample of about 500 foundries, which account for approximately 90 percent of the total. The special types of castings (see second paragraph below) are reported totals from all known foundries producing these types. The term "gray-iron castings" relates to all iron castings (except malleable), including semisteel, alloy iron, and white iron castings. Tonnages represent the weight of rough castings before machining. Total shipments include shipments for use by the same company (or an affiliate, subsidiary, or parent company) and shipments for sale to other companies shown separately beginning November 1944.

Similar data were not collected prior to 1943. Production figures for 1937 and 1939, compiled from reports of the Biennial Census of Manufactures, are as follows (annual totals): 1937, 7,818,000 tons; 1939, 7,125,000 tons; these figures include estimated tonnage for a small quantity reported by value only.

The original reports give separate monthly figures for cast-iron soil pipe and cast-iron pressure pipe beginning January 1943 and for chilled-iron railroad car wheels and molds for heavy steel ingots beginning July 1944. Annual reports for 1944, 1945, and 1946 include also State data on iron-foundry activity and foundry capacity.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; those for 1943-44 for total shipments appear in the 1947 volume.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data for 1935 cover reports of 112 manufacturers operating 121 plants; for 1936, 109 manufacturers with 118 plants; for 1937, 108 manufacturers with 117 plants; for 1938, 104 manufacturers with 114 plants; for 1939 and 1940, 102 manufacturers with 113 plants; for 1941 and the first 8 months of 1942, 99 manufacturers with 110 plants; for September 1942 through April 1944, 103 manufacturers with 113 plants; and beginning May 1944, 105-107 manufacturers with 115-116 plants. The reduction in the number of reporters through 1941 in most cases resulted from manufacturers discontinuing operations. Beginning May 1944, the coverage of the industry is complete; for September 1942 through April 1944 the estimated coverage was 97-98 percent; and the manufacturers reporting prior to September 1942 produced about 93 percent of the total value of the output of the industry as reported in the Census of Manufactures for 1939 and 1937 and about 88 percent of the value of the output as reported in the 1933 and 1935 censuses. Total shipments by the 103 manufacturers included beginning September 1942 were 4.1 and 5.5 percent higher in September and November 1942, respectively, than shipments of the 99 manufacturers reporting previously, while shipments for sale were only 0.1 percent higher in both months, and new orders for sale, 0.2 and 0.3 percent higher. These are the only months for which data are available for both 99 and 103 manufacturers. New orders represent orders booked, less cancellations.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT, and for 1941-44 (except for unfilled orders) in the 1947 volume. Monthly averages for 1926-34 and monthly figures for 1938-40 for total shipments are shown in the 1942 SUPPLEMENT; earlier monthly figures for 1932-37 are available in the 1940, 1938, and 1936 SUPPLEMENTS and on p. 20 of the April 1933 SURVEY. Monthly figures for 1936-40 for new orders and shipments for sale are available upon request.

⁵ Monthly average computed from estimated total shipments for sale in 1944, based on the distribution between shipments for sale and shipments for own use during November and December 1944.

⁶ Monthly average based on total for the year revised to exclude small amount of western manganese ore included in the monthly figures for May to October.

⁷ Based on annual total including revisions not distributed by months.

⁸ Based on total adjusted for cancellations not distributed by months.

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¹ Compiled by the American Iron and Steel Institute beginning January 1942 and by The Iron Age prior to that date. The Institute data cover blast-furnace production of pig iron and ferro-alloys, including production by charcoal furnaces. The Iron Age data through 1941 exclude charcoal-furnace production, but since this represents only a small fraction of the

total (one-tenth of one percent in 1939, according to the Census of Manufactures) the two series may be considered as comparable. For 1941 the Institute reports total production as 56,063 thousand short tons as compared with 55,904 thousand reported by The Iron Age. Both series represent substantially complete coverage; according to the Institute, its coverage of total blast-furnace production was 99.5 percent in 1943, 99.8 percent in 1942 and 1944, and 100 percent thereafter. Both series exclude the production of electric furnaces. The monthly averages for 1942-49 are based on revised annual totals which include small year-end adjustments not distributed by months.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 SUPPLEMENT (the figures are in short tons instead of in long tons as indicated). Data in earlier SUPPLEMENTS are in long tons. Monthly figures for 1913-37 are shown in short tons on p. 14 of the October 1940 SURVEY.

² Compiled by the U. S. Department of the Interior, Bureau of Mines. The monthly data are estimated industry totals based on reports from consumers accounting for 96 to 99 percent of the industry total from the latter half of 1941 through 1945 and 93 to 96 percent thereafter. Prior to 1941, data were collected only for the last month of each quarter. Consumers' stocks include suppliers' and producers' stocks.

Monthly averages for consumption are based on annual data and include minor revisions not distributed monthly; year-end stock figures for 1938-40 are also from annual surveys. Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume.

³ Compiled by the American Metal Market. Data represent averages of daily prices of pig iron, computed from 10 tons distributed as follows: 1 ton each of Bessemer, valley; No. 2 foundry, valley; No. 2 foundry at Philadelphia, at Buffalo, at Cleveland, and at Chicago (No. 2 x foundry prior to 1938 for Philadelphia and Buffalo and, prior to 1930, for Cleveland); 2 tons each of basic, valley, and No. 2 Southern foundry, Cincinnati. Beginning July 1948, the basis of quotation was changed from basing point to f.o.b. mill or shipping point.

Monthly data for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Monthly averages for 1913-34 and monthly data for 1938-40 appear in the 1942 SUPPLEMENT. Earlier monthly data beginning 1923 are in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, representing averages of Tuesday quotations for basic pig iron and Saturday quotations for foundry, as reported by The Iron Age. Basic pig iron prices are those at the Mahoning and Shenango Valley furnaces. The foundry prices, f.o.b. Neville Island, replace the Pittsburgh delivered prices, shown in SUPPLEMENTS prior to the 1947 issue. Beginning July 1948, quotations for both series were changed from basing point prices to f.o.b. mill or shipping point.

Monthly data for 1945-46 for basic, furnace, and foundry pig iron (on the old bases) are shown in the 1949 STATISTICAL SUPPLEMENT; for 1941-44, in the 1947 volume. Monthly averages beginning 1913 and monthly data for 1938-40 for basic pig iron prices are shown in the 1942 SUPPLEMENT and earlier monthly data beginning 1923 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁵ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data represent shipments of total steel castings and commercial steel castings (castings made for sale) beginning October 1945, and production of commercial steel castings only prior to that date. Beginning 1945 the data, including the new series on total shipments, are estimated industry totals, the monthly reports from larger firms being augmented by annual data from the smaller firms. Data include in 1945, 347 foundries, of which 18 discontinued production of steel castings during the year, and in 1946, 334, of which 6 discontinued steel castings by the end of the year; in both years 273 firms accounted for the total shipments for sale. For 1947-50, the estimated totals are based on reports received from foundries representing about 82 percent of the industry. Although data prior to October 1945 represent production rather than shipments, comparability of the series is not significantly affected, since this industry usually ships its production quickly; this was particularly true during the war years when for any month production and shipments were practically the same. In the original reports, total shipments are shown by grade of steel and type of furnace.

Figures for 1935-37 cover reports from 180 manufacturers; for 1938, 183 manufacturers; and for 1939-44, 187-193 manufac-

turers. It is believed that changes in the number of firms reporting in the 1935-44 period did not materially affect the comparability of the data. The 187-193 firms reporting for 1939-1944 produced approximately 96 percent of the total value of steel castings made for sale as reported to the Census of Manufactures for 1939; this percentage appears to be approximately correct for total production for sale for later years through 1944. Throughout the period 1935-44, the production of railway specialties was substantially complete, and as far as is known all production was shipped for sale. The 183 manufacturers reporting for 1938 represented practically the entire industry as reported to the 1937 Census of Manufactures; the manufacturers reporting prior to 1938 represented 95 percent of the total value as reported to the 1935 Census and 90 percent of the 1933 Census of Manufactures totals. Railway specialties include such items as bolsters, side arms, draft arms, couplers, and cast-steel car wheels.

Monthly data for 1941-46 for shipments for sale and railway specialties are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly data for 1935-40, and also for 1926-34 for a smaller number of companies, are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS; the descriptive note in the 1942 SUPPLEMENT indicates the difference in coverage between the data beginning 1935 and the earlier series.

⁶ Production for sale prior to 1945 (see note 5).

⁷ Compiled by the U. S. Department of Commerce, Bureau of the Census. The data are based on monthly reports from larger forge shops (those shipping 300 or more tons of steel forgings per month) whose shipments normally represent about 80 percent of the industry, and data from the smaller shops collected annually, giving complete coverage of the commercial steel forgings industry, including the commercial output of captive forge shops. Monthly data included for the smaller forge shops are estimated.

The forge shops covered by these data include only those producing forgings for sale to the trade. The forgings not included in "for sale," i.e., those for own use, are forgings which are further processed or machined in the same plant in which the forgings were produced; in other plants of the same company; or in affiliated, subsidiary, or parent companies. All other forgings are considered as commercial forgings, and are included in "for sale." The term "drop and upset forgings" includes all steel products whose final forming operations are completed on a steam drop hammer, board drop hammer, upsetter, or mechanical press. "Press and open-hammer forgings" are steel products whose forming operations are completed on a flat die, either on open hammer or press. The tonnages reported for shipments and unfilled orders represent the weight of the forgings before machining.

Monthly data for 1946 are shown in the 1949 STATISTICAL SUPPLEMENT.

⁸ Stocks as of December 31.

⁹ Average for 8 months, March and June-December.

¹⁰ Average for 11 months, February-December.

¹¹ Based on adjusted annual totals which include revisions not distributed by months.

¹² Not comparable with earlier data; see headnote.

¹³ Average for 6 months, July-December.

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¹ Compiled by the American Iron and Steel Institute. Steel production includes, in addition to the ingot production by the open-hearth and Bessemer processes, electric ingots and steel for castings, except steel for castings produced in foundries operated by companies which do not produce ingots. Crucible steel production, which has been negligible during the period shown here, is not included. Monthly figures, which are not available from all companies, are calculated to 100 percent production on the basis of the ratios of the annual production of the reporting companies to the total production of all companies. In the latest year, before the total annual production of all companies becomes available, the monthly figures of the reporting companies are calculated to 100 percent production according to the ratio applied in the preceding year; they are later revised when the final total production for the year is available. Data for 1941-46 are based on reports by companies which accounted for 98 percent of the open-hearth, 100 percent of the Bessemer, and 86-88 percent of the electric ingots and steel for castings produced by the industry; for 1947-50, the coverage was 100 percent for all types of furnaces.

Percent of capacity shown here is the ratio of average weekly production in a given month to average weekly capacity calculated on annual capacity as of the end of the preceding year (with the exception of percentages for July-December 1937, 1941-44, and 1950 which are based on capacity as of the middle of the given year), no allowance being made for Sundays or holidays. The annual capacity as of December 31 of each year, on which the percent of capacity for the following year is based, is as follows (in thousands of short tons): 1925, 62,833; 1926, 65,283; 1927, 66,907; 1928, 69,554; 1929, 71,011; 1930, 75,299; 1931, 76,875; 1932, 76,744; 1933, 78,078; 1934, 78,440; 1935, 78,152; 1936, 78,137; (July 1, 1937, 78,464); 1937, 80,176; 1938, 81,824; 1939, 81,614; 1940, 84,148; (June 30, 1941, 86,145); 1941, 88,566; (July 1, 1942, 89,195); 1942, 90,289; (July 1, 1943, 90,877); 1943, 93,648; (July 1, 1944, 94,051); 1944, 95,501; 1945, 91,891; 1946, 91,241; 1947, 94,233; 1948, 96,121; 1949, 99,393; (July 1, 1950, 100,564); 1950, 104,230.

Monthly data for 1945-46 and 1941-44 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively. Monthly data for 1917-40 for production and 1926-40 for percent of capacity appear in table 9, p. 16, of the March 1941 SURVEY, and the 1942 SUPPLEMENT.

² Compiled by the American Metal Market. Data represent the average price of finished steel products, excluding rails, based on daily prices of 10 pounds of steel products weighted according to the importance of their production. The composite since 1933 includes the following: 2 pounds of bars; 1-1/2 pounds each of plates, pipe, and sheets; 1 pound each of shapes, wire nails, and strips; and 1/2 pound of tin plate.

Monthly data for 1945-46 and 1941-44 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively. Monthly averages for 1913-34 and monthly data for 1938-40 appear in the 1942 SUPPLEMENT; earlier monthly data beginning 1923 are available in the 1940, 1938, 1936, and 1932 volumes.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, representing unweighted averages of Tuesday quotations as reported by The Iron Age. All series are f.o.b. Pittsburgh prior to July 1948 when the basis of quotation was changed (except for the scrap price) from basing point to f.o.b. mill or shipping point. Steel-billet prices cover primarily those of open-hearth billets; beginning January 1948, the compiling agency has published the price per short ton; for comparability with earlier data, figures as shown here have been converted to price per long ton. Structural-steel prices are mill prices of structural shapes, beams, etc., 3"-15"; beginning January 1948, the specifications were revised from 3"-15" up to 80" to 12" up to 60", but the January price for both the prior and current series was \$0.028 per pound. The scrap price replaces the series for steel scrap, Chicago, shown in SUPPLEMENTS prior to the 1947 issue.

Monthly data for 1945-46 and 1941-44 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively. Monthly data for 1935-40 for the steel-scrap price are available upon request. Monthly averages for 1913-34 and monthly data for 1938-40 for the other series are available in the 1942 SUPPLEMENT; earlier monthly data are shown in the 1940, 1938, 1936, and 1932 volumes.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data cover reports of 30-34 manufacturers in 1935-42, accounting for approximately 90 percent of production of heavy steel barrels and drums. From 1943 through 1947 the number decreased from 32 to 23, largely as a result of consolidations; in 1948-50, figures cover reports of 24 manufacturers. Beginning 1943, the reporting companies include all plants, both commercial and captive, known to be producing steel shipping barrels and drums. After June 1948, data for production were discontinued by the compiling agency. Data represent steel barrels and drums (except beer barrels) of 19-gauge or heavier steel, and steel barrels and drums made wholly or partly of 20-gauge, when of other than open-head construction; also grease drums of 100 pounds capacity when made of 20-gauge or heavier steel. Data for light types (lighter than 19-gauge) and, since June 1944, steel packages, kegs, and pails, are also available on the same report of the Bureau of the Census.

Monthly data for 1945-46 and 1941-44 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively. Monthly averages for 1933-34 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT. Monthly data for 1934-37 appear in the 1940 and 1938 volumes. Data shown in the 1936 and earlier SUPPLEMENTS are not comparable, since they are for a smaller number of companies. Comparable data for 1933 are available upon request.

⁵ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports received from all producers in the industry, numbering 90-87 in 1947-50. Shipments are reported as number of base boxes of steel sheets consumed. These base boxes are converted to short tons by means of standard conversion factors which differ according to type of can. A metal can is defined as an unused container made wholly from tin plate, terneplate, black plate, or waste plate, of 29 gauge or lighter. Food cans include those used for fruits and vegetables, evaporated and condensed milk, other dairy products, fish and other sea food, coffee, lard and shortening, meat and poultry, and miscellaneous food cans; nonfood cans include those for beer, oil (open top, 1 and 5 quart), pet food, and miscellaneous nonfood cans.

The data are total shipments, including shipments for own use (defined as those for use by the same company, or an affiliate, subsidiary, or parent company) and shipments for sale. Separate data for shipments for sale were collected beginning only October 1945.

Monthly data for 1945-46 and 1943-44 on total shipments are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively; no similar data were collected prior to 1943.

⁶ Average for 3 months, October-December.

⁷ Average for 6 months, July-December.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census, beginning September 1945; the reporting companies, numbering over 70 in 1948-49, and 61-63 in 1950, represent the entire industry. Data prior to September 1945 were compiled from reports submitted to the War Production Board.

Commercial closures cover both the metal and plastic types (except caps for collapsible tubes) and include those for both food and non food containers; they exclude milk-bottle closures. Of the total production of closures in 1947-50, the metal type accounted for 80-82 percent. For 1946-48, crowns produced for beverage containers were 99 percent of the total; this information is not available for later years.

Monthly data for July 1945-December 1946 are shown in the 1949 STATISTICAL SUPPLEMENT.

² Compiled by the American Iron and Steel Institute, from reports of companies representing 99.3-99.5 percent of the production of the industry for 1946-49, 99.0 percent for 1944-45, 98.0 percent for 1941-43, more than 95 percent for 1938-40, more than 96 percent in 1937, and more than 97 percent in 1935-36. The industry includes only those processors who are also primary producers of steel. Data shown here are net shipments (excluding shipments to members of the industry for conversion into further finished products or for resale) beginning 1944. Earlier data represent production for sale outside the industry. Sales to members of the industry for further conversion, shown separately in reports of the Institute, are excluded. The items which are not self-explanatory are as follows: The classification "hot rolled bars—carbon and alloy" is approximately comparable to the item referred to in the 1942 and earlier SUPPLEMENTS as "merchant bars," but also includes hoops and bailing bands, and alloy bars; data for reinforcing hot rolled bars (including new billet and rerolled) and semi-manufactures (ingots, blooms, slabs, billets, tube rounds, sheet and tin bars, etc.) were shown for the first time in the 1949 STATISTICAL SUPPLEMENT; plates include sheared and universal; pipes and tubes include butt weld, lap weld, electric weld, seamless and conduit pipe, and mechanical tubing; sheets include hot rolled, hot rolled-annealed, galvanized, cold rolled, and all other sheets, also electrical strip (beginning 1950); wire and wire products comprise wire rods, drawn wire, nails and staples, barbed and fence wire, bale ties, all other wire products, and fence posts (prior to 1937). Total steel products include, in addition to the items shown, data on steel piling, skelp, joint bars and tie plates, cold finished bars, black plate, wheels, axles, track spikes, and other products. The annual totals include small revisions that cannot be allocated to the separate months because the number of reporting companies is not identical in all months and some companies make adjustments in their yearly figures which are not available on a monthly basis. Monthly averages are based on the annual totals.

Monthly data for 1945-46 and 1941-44 (except for hot rolled bars and semimanufactures) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively. Monthly data for 1940 (the earliest available) and quarterly data for 1933-39 appear in the 1942 SUPPLEMENT and table 45, p. 14 of

the November 1940 SURVEY; the data shown for tin plate cover both tin and terneplate; see note above regarding data shown for merchant bars.

³ Monthly average computed from annual total.

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¹ Compiled by the U. S. Department of the Interior, Bureau of Mines, covering reports of all producers. The monthly averages are based on totals from annual surveys which differ slightly in some years from the sum of the monthly figures.

Monthly figures for 1941-44 are shown in the 1947 STATISTICAL SUPPLEMENT (except for minor revisions); adjusted monthly data for 1945-46, to agree with the annual totals, and annual data beginning 1913 are available upon request; monthly data are not available prior to 1941.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data represent imports for consumption; data prior to 1934 are general imports.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages beginning 1913 and monthly figures for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

³ Compiled by the American Metal Market, representing averages of dealers' daily buying prices at New York for aluminum scrap castings consisting chiefly or entirely of automobile crank cases.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT and for 1925-40, in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census, beginning October 1945, and the War Production Board prior to that date. The data cover aluminum and aluminum-base alloy castings and wrought products. Beginning 1944 the castings data cover all types of castings; the categories "sand," "permanent mold," and "die," and "all other" are shown separately in the monthly releases of the compiling agency. The data for 1942 and 1943, however, do not include figures for the "all other" types and thus are not strictly comparable with those for later years; but this lack of comparability is not serious, since the "all other" group is a negligible part of the total (monthly average shipments for this group in 1944 were 233,000 pounds). Beginning 1945 the data for castings are estimated industry totals based on monthly reports from the larger foundries and annual reports from the smaller ones; the foundries from which monthly figures were estimated represented, in 1948, about 86 percent of the total shipments, and in 1949-50 about 85 percent. Prior to 1945 the figures for castings are estimated totals based on reported shipments representing about 98 percent of the industry total. The coverage of wrought products is complete. Total wrought products include—in addition to plate, sheet, and strip—rolled structural shapes, rod, bar, and wire; extended shapes, tube blooms, and tubing; and powder, flake, and paste. Comparable data for total wrought products are available only beginning October 1945. The data for plate, sheet, and strip include weight of foil stock beginning October 1945 while earlier data include weight of the foil; this change does not materially affect the comparability of the data.

Monthly data for 1946 (for all series) and 1942-46 (castings and plate, sheet, and strip) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, representing averages of Tuesday quotations on yellow brass sheets, base sizes, wider than 2 inches and including 8 inches, No. 16, B and S gage, f.o.b. mill.

Monthly averages beginning 1913 and monthly figures for 1923-46 are available in the 1949, 1947, 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁶ Compiled by the U. S. Department of the Interior, Bureau of Mines. Data are in terms of recoverable metal from domestic mines (including Alaska). Monthly data are on an estimated 100-percent-coverage basis and are adjusted after the year-end to final annual figures. The monthly figures through 1944 are based largely on smelter receipts; beginning January 1945 they represent actual mine output. The monthly averages prior to 1944 are based on annual surveys of mine output.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁷ Compiled by the Copper Institute. Data prior to 1947 include copper derived from domestic raw material and from duty-free foreign raw material, except that beginning March 1941 domestic deliveries include deliveries of duty-paid foreign

copper for domestic consumption. The excise tax on copper was removed April 1947; all data beginning January 1947 have been revised to include copper from all sources. Deliveries represent deliveries to fabricators. Crude production represents mine or smelter production or shipments and custom intake (including scrap intake) by primary smelters and refineries. Refinery production represents the output of primary refineries for account of industry members, including some scrap refined to standard grades. Stock figures represent refined stocks at refineries, on consignment, and in commodity-exchange warehouses; they do not include stocks at consumers' plants or warehouses, or stocks of foreign copper held by the Metals Reserve Company.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly data for 1934-40 (revised September and October 1938 data for domestic deliveries, 53,804 and 70,010 short tons), are in the 1942, 1940, and 1938 SUPPLEMENTS; data for the last 6 months of 1933 are available upon request. No earlier comparable data are available.

⁸ Not available; no data for August-November (average for 7 months, January-July, is 321,771 short tons; the December figure is 159,485).

⁹ Average for 11 months; no quotation for March 1941.

¹⁰ Average for 3 months, October-December.

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¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Exports cover refined copper (in ingots, bars, and other forms), old and scrap copper, pipes and tubes, plates and sheets, rods, and wire. (Beginning 1949, data for insulated wire and cable are excluded in accordance with the 1949 commodity classification schedule. In 1948, exports of these items averaged 5,877,000 pounds monthly.) Imports, representing imports for consumption, include the metal content of copper in all forms (ore, concentrates, regulus, unrefined, black, blister, refined, scrap, etc.). Both exports and imports exclude a small amount of copper manufactures for which no quantity data are available. The import data "for smelting, refining, and export" (shown separately prior to the December 1948 issue of the *Survey of Current Business*) have been included with the series for "unrefined, including scrap" since removal of the excise tax on copper in April 1947; subsequent to that date, only a part of the copper for smelting, refining, and export has been reported separately from copper for domestic consumption.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are shown in the 1942 volume. For monthly data prior to 1938 for exports, total imports, and imports for smelting, refining, and export, see the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Data relating to exports published in the 1932 SUPPLEMENT do not include insulated copper wire and cable. Revised data beginning July 1932 for the breakdown of imports for domestic consumption into refined and unrefined copper are available upon request.

² Compiled by the *Engineering and Mining Journal*. Data are based on domestic sales for both prompt and future delivery, and represent average quotations for copper in the form of ordinary wire bars and ingot bars. In the trade, copper prices are quoted on a delivered basis. Since delivery and interest charges vary with the destination, the figures here are net prices at refineries on the Atlantic seaboard. Most of the refineries on the Atlantic seaboard are located in the New York tidewater area so that, for all practical purposes, f.o.b. refinery, New York, is the same as f.o.b. Atlantic seaboard.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are shown in the 1942 volume. Monthly data prior to 1938 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

³ Compiled by the U. S. Department of Interior, Bureau of Mines. Data are in terms of recoverable metal from domestic mines, including Alaska. Monthly reports are on an estimated 100-percent-coverage basis and are adjusted after the year-end to final annual figures. Through 1944 the data were based largely on smelter receipts; beginning January 1945, the figures represent actual mine output.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁴ Compiled by the *American Bureau of Metal Statistics*. Data, representing the lead content of domestic ore received by

United States smelters, are computed on the basis of estimated recoverable lead. According to the reporting source, these monthly totals probably underrun the actual production of pig lead because of the estimational factor and the possibility that some lead receipts may escape attention.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1921-34 and monthly data for 1938-40 appear in the 1942 SUPPLEMENT. For earlier data see the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁵ Data are compiled by the *American Bureau of Metal Statistics* (except data relating to prices, which are compiled by the *Engineering and Mining Journal* and represent arithmetic averages of daily prices of desilverized pig lead). The data cover both soft and hard (antimonial) lead. Production represents the refined lead produced from both domestic and foreign ore as reported by all primary refiners, except that there is some inclusion of secondary material with ore insofar as it enters into base bullion and loses its identity. These data on primary lead output are available only beginning January 1946.

Beginning in the April 1950 issue of the *Survey of Current Business*, the data are revised to exclude figures for secondary refineries. The production series (corresponding to those formerly designated as primary) include some secondary lead produced by primary refineries.

Shipments represent the total reported shipments of domestically refined lead from domestic and foreign ore, including antimonial, for consumption in the United States, but do not include lead for domestic consumption shipped from stocks of imported refined lead. Stocks (including antimonial) comprise those of primary refineries only; they exclude refined lead produced from ore or base bullion of foreign origin.

Monthly data (on the old basis, which includes reports by some secondary refiners as noted above) for 1945-48, are shown in the 1949 STATISTICAL SUPPLEMENT. With the exception of data on production of primary lead, monthly data for 1941-44 are shown in the 1947 STATISTICAL SUPPLEMENT. (Revisions—Shipments, 1948—July, 39,853; October, 39,375; December, 44,456 short tons.) Monthly averages prior to 1935 and monthly figures for 1938-40 are shown in the 1942 SUPPLEMENT. See the 1940, 1938, 1936, and 1932 SUPPLEMENTS for monthly data prior to 1938.

⁶ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data represent imports for consumption; they include the lead content of all lead ores and of bullion and base bullion, pigs, bars, scrap and old, as well as the lead content of babbitt metal, solder, etc., type metal, and antimonial lead, excluding only a small amount of imports of lead manufactures for which no quantity data are available.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 appear in the 1942 SUPPLEMENT. Monthly data for 1934-37 are in the 1940 and 1938 volumes. Figures shown in the 1936 and 1932 SUPPLEMENTS do not include data for babbitt metal, solder, etc., type metal, and antimonial lead; monthly data prior to 1934, revised to include these items, are available upon request.

⁷ Includes small revisions not distributed by months.

⁸ Stocks as of December 31, 1946.

⁹ Data beginning January 1949 are not strictly comparable with earlier figures, because of the exclusion of exports of insulated wire and cable (see first part of note 1 for this page).

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¹ Compiled by the U. S. Department of Commerce (*National Production Authority* beginning October 1950, and *Bureau of Foreign and Domestic Commerce* from January 1947-September 1950); data prior to 1947 were compiled by the *Civilian Production Administration* and its predecessor agency, the *War Production Board*. Production represents pig tin produced in the United States from both primary sources (imported tin ore or concentrates) and secondary sources (tin recovered from detinning tin plate, scrap, and used cans). Substantial quantities of tin alloy, which are recovered from tin, lead, and base-alloy scrap, are consumed directly in the production of other alloys and are not included in the production or consumption figures. Domestic mine production of tin is virtually nil. More than 90 percent of total pig tin production since 1945 was produced from imported tin concentrates by the *Tin Processing Corporation*, which manages the Government-owned

smelter plant located in Texas City, Texas. Consumption represents domestic pig tin "put into process" for all uses as reported by fabricators. Total stocks represent the sum of Government and industrial stocks of pig tin. Government stocks represent those owned by Office of Metals Reserve (for industrial use), located within the bounds of continental United States, but exclude those held in the national stockpile. Industrial stocks represent stocks held by private smelters, fabricators, and distributors.

Monthly data for 1942-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for these series are not available for years prior to 1942 nor are monthly averages available for years prior to 1939. The present series for tin consumption and stocks is more inclusive than that published in the 1942 SUPPLEMENT.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data represent imports for consumption.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are in the 1942 volume. Monthly data prior to 1938 for bars, blocks, pigs, etc., are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Monthly data for blocks, pigs, etc., beginning 1913 and for ore beginning 1916 are available upon request.

³ Compiled by the American Metal Market, representing averages of daily prices of Straits tin in New York.

In August 1941 a ceiling price of \$0.5200 a pound was established by the Government and this price was in effect through October 1946. From November 1946 through December 1949, the prices are quotations offered by the Reconstruction Finance Corporation. Data beginning 1950 are open-market quotations (January 1950 RFC quoted price, \$0.7614).

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 volume. Monthly data for 1923-37 are in the 1940, 1938, 1936, and 1932 SUPPLEMENTS; monthly data for 1913-23 are available upon request.

⁴ Compiled by the U. S. Department of Interior, Bureau of Mines. Data represent mine production of recoverable metal (including that made into zinc pigments and salts) in the United States and Alaska. Monthly data are on an estimated 100-percent-coverage basis and are adjusted after the year-end to final annual figures. Monthly averages for 1935-40 are computed from annual totals. Through 1944, data were based largely on smelter receipts; beginning January 1945, the figures represent actual mine output.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁵ Compiled by the American Zinc Institute, representing the production, shipments, and stocks of slab zinc as reported by all producers represented in the membership of the Institute; beginning January 1948, data include reports from some secondary smelters not previously reporting; production by these few plants averaged about 1,200 short tons monthly in 1947. Prior to 1940, the data represent virgin zinc produced from domestic ore only, plus secondary zinc produced by primary smelters. Beginning January 1940, production from foreign ores is included in the figures which reflect total output at smelters of slab zinc of all grades. Production from foreign ores was quite small prior to 1940. According to data compiled by the U. S. Bureau of Mines, production from foreign ores averaged only 1-1/2 percent of total smelter production of primary zinc for the 1935-39 period (3.2 percent for 1939). Monthly averages for 1940 prior to revisions which included data on production from foreign ores are as follows (short tons): Production, 53,616; shipments, total, 58,041, and domestic, 56,973; stocks, 51,523.

Total shipments include both domestic shipments and shipments for export; beginning 1940 they also include drawback shipments and beginning December 1945, shipments for Government account. Stock figures beginning January 1943 include significant amounts not previously reported and, therefore, are not comparable with earlier data (December 1942 stocks comparable with succeeding data, 89,275 short tons).

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data prior to 1941 appear in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revisions: January 1927, domestic shipments, 45,975; June 1928, total shipments, 51,582, domestic, 49,780.)

⁶ Compiled by the *Engineering and Mining Journal*, representing averages of daily prices for common grades of slab zinc, usually described as ordinary prime western brands, on sales reported by producers. Common grades of slab zinc are reported on the basis of St. Louis, although relatively little slab zinc is actually delivered at that point. Sales are made for delivery at the places where required, and prices are figured back to a St. Louis basis or are made on St. Louis basis and figured up to points of delivery, with allowance for freight differentials either way.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 volume. Monthly data prior to 1938 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁷ Stocks as of December 31.

⁸ Average based on total which includes minor revisions not distributed monthly.

⁹ Beginning January 1, 1943, stock figures include some stocks not previously reported (see second paragraph of note 5).

¹⁰ See first paragraph of note 5, above.

¹¹ Beginning January 1950, the total includes small amounts of importers' and distributors' stocks not distributed in detail.

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¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941, and Bureau of the Census thereafter. Data represent imports for consumption. Data for blocks, pigs, slabs, etc., include old, dross and skimmings, and sheets. Zinc dust is not included.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are in the 1942 volume. Monthly data for years prior to 1938 are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census, beginning January 1946; the War Production Board and Civilian Production Administration, 1943-45 and shipments for 1942; and the Institute of Boiler and Radiator Manufacturers, through August 1942. The boilers, which are low pressure cast-iron boilers used for heating, include both round and square boilers (reported separately prior to 1942). Data for radiation include, in addition to ordinary type cast-iron radiators, cast-iron convectors and convector-radiators, (but not nonferrous-metal convectors) for all reporting firms beginning January 1940. Prior to 1940 the convectors were incompletely reported. For radiation, only production figures are available for 1943-45 and the latter months of 1942. Convectors are represented by thousands of square feet of equivalent radiation.

For the period 1942-50, these data are based on reports of 22-20 companies—all the known producers of these products. Prior to 1942, the reporting firms were estimated by the Institute to account for nearly 99 percent of the cast-iron low pressure heating boilers and cast-iron radiators and convectors produced for 1940 and 1941 and 90-95 percent for the earlier years back to 1935.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT except that the radiation series are not available for the period September 1942-December 1945. Monthly data for 1932-40 appear in the 1942, 1940, 1938, and 1936 SUPPLEMENTS (in these issues, data for round and square boilers are shown separately). The radiation figures are designated "ordinary-type radiators" in the SUPPLEMENTS prior to that of 1942, but, according to the Institute, include some data for cast-iron convectors and radiators.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. The data represent substantially complete coverage of the industry. They are largely galvanized iron and steel, but include small quantities of stone-lined, porcelain-lined, and nonferrous range boilers.

Monthly data for September 1945-December 1946 are shown in the 1949 STATISTICAL SUPPLEMENT. The production of range boilers for June 1944-June 1948 appears in the 1947 STATISTICAL SUPPLEMENT and monthly issues of the SURVEY OF CURRENT BUSINESS through August 1948 (production data were discontinued by the compiling agency in July 1948).

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports by manufacturers numbering as follows: 1935, 160 (8 of these, however, discontinued business during that year); 1936-39, 178; 1940, 170; 1941, 159; 1942, 148; 1943, 137; 1944-45, 124; 1946, 150. For the period 1947-50,

the number of active companies ranged from 165-148. The 26 companies added during 1936 were newly established concerns except for a few small ones not reporting prior to 1936. For the period January-June 1936, the ratios of data for the 160 firms previously reporting to those for the 178 concerns, are as follows: Unfilled orders, 99.9 percent; shipments, 97.9 percent; stocks, 99.7 percent. The changes between 1939 and 1941 resulted from firms going out of business or becoming inactive and from the addition of 2 new manufacturers before the close of 1940. The changes from 1942 through 1946 reflect the temporary decline in activity in the industry during the war and the resumption of activity in 1946. The manufacturers whose data are included here produced approximately 90 percent of the total value of output reported in the Census of Manufactures for 1937 and 1939. Since 1944, the reported data represent virtually the entire industry, i.e., all known manufacturers.

These statistics refer to oil burners and oil-burner units consuming fuel oil of commercial standard No. 1 grade or heavier, used for application to the following: Central heating plants for homes, apartments, office buildings, churches, theaters, and similar buildings; residential water heaters; industrial-process equipment such as heat-treating furnaces, industrial ovens, etc.; and for generation of steam for power. They do not include burners of the so-called distillate type used in ranges, stoves, water heaters, and space heaters. Data included for furnace-burner units, boiler-burner units, and water-heater units include only those produced by manufacturers of [oil burners; units produced by manufacturers who purchase] oil burners for installation in furnaces, boilers, and water heaters of their own manufacture are excluded. Beginning 1945, data for water-heating units are excluded (previous to 1945, water-heating units were not called for on the schedule but were largely reported in data for residential burners shipped separately). Shipments include those for export as well as those for domestic use.

Monthly data for 1945-46 and 1941-44 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, respectively. Monthly averages for 1933-34 and monthly data for 1938-40 may be found in the 1942 volume; monthly data for 1933-37 are available in the 1940, 1938, and 1936 SUPPLEMENTS.

⁵ Monthly average for shipments based on annual total from the War Production Board. Stock figure is as of December 31, 1942.

⁶ Average for 8 months, January-August.

⁷ Average based on total which includes minor revisions not distributed monthly.

⁸ See first paragraph of note 4 above.

⁹ Average for 9 months, January-September.

¹⁰ Average for 10 months, January-September and December.

¹¹ Average for 4 months, September-December.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census; prior to October 1945, data were compiled by the War Production Board. Since reports are received from all known manufacturers of these products, numbering approximately 130 in 1946 and from 124 to 127 in 1947-50, industry coverage is virtually complete.

Combination ranges (those designed to use two different fuels interchangeably) are shown separately in the original reports but are here included with gas stoves, since gas is one of the fuels used in most of such ranges. The gas stove category also includes bungalow ranges, which are designed to use more than one fuel but may employ the fuels for different purposes, such as, one for cooking and another for heating water, etc.

Monthly figures for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT. Monthly data for September 1943-December 1944 are available upon request. Note that data shown in the 1947 STATISTICAL SUPPLEMENT are for production; publication of these data have been discontinued by the compiling agency.

² Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports received from all known producers of these products. The number of active companies reporting at the end of the year for 1947-50 is as follows: 157, 151, 145, and 136. Data for September 1943 to September 1945 were compiled for the War Production Board. Liquid-fuel types include stoves designed for kerosene, gasoline, and fuel oil.

Monthly figures for 1945-46 are shown in the 1949 STATISTICAL SUPPLEMENT; those for September 1943-44 are available upon request. Note that data shown in the 1947 STATISTICAL

SUPPLEMENT are for production; publication of these data have been discontinued by the compiling agency.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports received directly beginning January 1945, and from reports to the War Production Board for 1944. These data represent the shipments of manufacturers which account for nearly the entire production of warm-air furnaces, numbering about 100 in 1944, from 121 to 125 in 1945, 133 in 1946, and ranging from 148-166 in 1947-50. Changes in the number reporting represent for the most part the postwar expansion of the industry by the entrance of new firms. The data cover forced-air and gravity-air-flow furnaces made of cast iron and of steel.

Monthly data for 1944-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census. The data represent substantially complete coverage of the industry. They include direct-fired water heaters for use with gas, oil, or coal and wood, and indirect-fired types, including storage heaters, generator tanks with and without integral coils, and instantaneous heaters.

Monthly data for September 1945-December 1946 are shown in the 1949 STATISTICAL SUPPLEMENT. Note that data shown in the 1947 SUPPLEMENT are for production; publication of these data have been discontinued by the compiling agency.

⁵ Average for 4 months, September-December.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data for blowers and fans and the unit-heater group represent orders booked by manufacturers accounting for almost complete coverage beginning 1948 and for more than 90 percent of the production of the industry in prior years. After reviewing the returns for the 1947 Census of Manufactures, the Bureau of Census revised previously published figures (beginning 1948) to incorporate data for a number of companies not formerly included. For 1948, these added companies shipped fans, blowers, unit heaters, and accessory equipment valued at approximately \$10 million. For 1949, 167 manufacturers reported shipments and for 1950, 193. Figures included in 1950 for those manufacturers not previously reporting accounted for shipments valued at about 4 percent of the total value of shipments in 1950; statistics for earlier years are therefore not strictly comparable.

In 1942-46, of the 101 manufacturers reporting at the beginning of this period, a number discontinued production for the duration of the war, and others reported no orders booked. The number reporting orders decreased to a minimum of 62 in the first quarter of 1944 and increased to 90 in the last quarter of 1945; 85-87 manufacturers reported orders booked in 1946, and 78-84 in 1947. For 1941 the data are as reported by 105 manufacturers of which 4 discontinued these products in 1942; for 1940, a few additional manufacturers which had gone out of business or ceased working on this type of equipment by 1941 were included. Data for 1936-38 are from monthly reports of 125 manufacturers and, for 1939, from reports of 267 manufacturers, covering both these products and also air-conditioning and heating systems and equipment; the number reporting blowers and fans and unit heaters is not available separately. Available information indicates that there was no appreciable change in the coverage between 1939 and 1940 but a substantial increase from 1938 to 1939 (data for companies added in 1939 increased the value of new orders for blowers and fans in that year by about 6 percent and for unit heaters by 8 percent). Data for 1935 for unit heaters cover 56 companies (2 of which discontinued business in December 1935). The coverage of the data for unit heaters was not materially changed between 1935 and 1936 as most of the new companies added in 1936 produced primarily air-conditioning systems and equipment.

Figures for blowers and fans relate almost entirely to commercial and industrial equipment; they include centrifugal blowers and fans and blowers or fans for mechanical draft and axial fans, including bearings, pulleys, or other equipment for installation when furnished. Blower-filter units (furnace blower) were not included prior to 1939 but production prior to that year was probably small. The unit-heater group covers industrial-type unit heaters and unit ventilators, including heating element and motors when furnished, and heat transfer coils. Data beginning 1947, for both blowers and fans and the unit-heater group, include also spare parts which, with the exception of some wheels and housings for blowers and fans, were not included prior to 1947. However, the change did not

significantly affect comparison of the 1947 figures with those for 1946 and earlier years shown here. Data are shown in detail in the original reports.

Quarterly data for 1941-46 (as noted above) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Quarterly data for 1938-40 are shown in the 1942 volume. Monthly data for 1936-37 appear in the 1940 SUPPLEMENT, and 1933-35 monthly data for unit heaters are available in the 1938 and 1936 volumes.

² Compiled by the *Foundry Equipment Manufacturers Association*. Data represent net new (total, less cancellations) orders received for new equipment from, or sales to, all metal-working industries. The indexes are based on reports of 24 to 31 members during 1940 through 1950, estimated to represent between 70 and 75 percent of the total dollar sales of the foundry-equipment industry. The principal products are molding machines, sand-cutting machines, sand-blast machines, tumbling barrels, sand-mixing machines, cupolas, ladles, core-making machines, etc.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for May-December 1940 are available in the 1942 volume.

³ Compiled by the *Industrial Furnace Manufacturers Association, Inc.* Data, representing new orders (less cancellations) for industrial electric-resistance furnaces and fuel-fired furnaces for the heat treatment and processing of metals and materials, are based on reports of member companies as follows: *Electric*—12 companies from 1936 to June 1937, 14 to 16 through 1948, 16 to 18 for 1949-50; these companies accounted for 85 to 95 percent (95 percent or over in 1941) of total new orders through 1948; *fuel fired*—14 to 17 companies, 1936-40; 30-35, 1941-46; 24-28, 1947-50. For 1949-50, the combined new orders for these furnaces, as reported by member companies, accounted for about 80 percent of those for the entire industry. The original reports also give number of furnaces.

Monthly data for electric furnaces for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1936-40 are available in the 1942 and 1940 volumes. Monthly figures prior to 1946 for fuel-fired furnaces are not available.

⁴ Compiled by the *National Machine Tool Builders' Association*. Indexes are based on the dollar volume of shipments in 1945-47 as reported by Association members estimated to account for 90-85 percent of orders and shipments of the entire industry.

Machine tools included in the index are machine tools of the metal-cutting type, defined as power driven, complete metal-working machines, not portable by hand, used for progressively removing metal in the form of chips. The index does not include data for machine tools of the type that form metal, such as presses and forging machines.

The index of shipments has been substituted for estimates of total dollar shipments which were discontinued by the Association after 1947. Monthly data for the shipments index (1945-46) are shown in the 1949 STATISTICAL SUPPLEMENT; figures beginning 1937 are available upon request. Monthly data for 1937-50 for the new orders index appear on p. 24 of the April 1951 SURVEY. Total dollar shipments are available as follows: (1939-47): 1940, see note on p. S-30 of the November 1942 SURVEY; monthly data for 1941-46 are shown in the 1947 STATISTICAL SUPPLEMENT; data for 1947 are published in the February and March 1948 issues of the SURVEY OF CURRENT BUSINESS; data for 1939 are available upon request.

⁵ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data are based on the following number of manufacturers reporting sales during the years 1941-45: 1941, 75-82; 1942, 79-47; 1943, 36-47; 1944, 42-66; 1945, 61-75. During the war period, 1941-45, many of these firms discontinued stoker production but have resumed operations since then. The reporting manufacturers, including those which temporarily discontinued production during the war, produced approximately 95 percent of the total value of the output of the industry as reported to the Census of Manufactures for 1937 and 1939. Beginning 1945 the data represent practically the entire industry.

A mechanical stoker is a device consisting of a mechanically operated feeding mechanism and a grate, used for feeding solid fuel into a furnace, admitting air to the fuel for combustion and providing a means of removal or discharge of refuse. Mechanical stokers are classified by use as follows: Class 1, residential; class 2, small apartment-house, flat, and small commercial-heating jobs; class 3, apartment-house and general small commercial-heating jobs; classes 4 and 5, large commercial and high-pressure steam plants (capacity over 300 pounds

of coal per hour). Prior to 1937 data for class 4 were reported separately but are practically equivalent to the present classes 4 and 5 combined. Output of class 1 type stokers was suspended for the duration of the war beginning in October 1942.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For monthly averages for years 1933-34 and for monthly data for years 1933-40, see the 1942, 1940, 1938, and 1936 volumes.

⁶ Compiled by the *Hydraulic Institute* from reports of companies as follows: 31 in 1945-46, representing about 70 percent of the industry; 33 in 1947-May 1948, and 32 companies thereafter, accounting for about 80 percent. Data reported are new orders booked. The classes of pumps included are single steam pumps, duplex steam pumps, simplex and duplex power pumps, triple and multiplex power pumps, close-coupled centrifugal pumps (including motors), all other centrifugal pumps (single and multi-stage), and rotary pumps.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1919 to 1934 and monthly figures for 1934-40 are available in the 1942, 1940, and 1938 volumes. For comparable monthly figures for 1919-30, see the April 1937 SURVEY, p. 19. Figures beginning 1931 shown in the April 1937 SURVEY have been revised to cover the addition of a new company and to exclude data for a company previously reporting; this change does not affect the figures prior to 1931. The revised monthly data for 1931-33 are available upon request.

⁷ Quarterly average.

⁸ Average for 8 months, May-December.

⁹ Based on adjusted annual total which includes revisions not distributed by months.

¹⁰ Data beginning 1948 are not comparable with preceding figures; see first paragraph of note 1 for this page.

¹¹ Data beginning 1950 are not comparable with preceding figures; see first paragraph of note 1 for this page.

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¹ Compiled for the *Association of American Battery Manufacturers, Inc.* by the Business Information Division of Dun & Bradstreet, Inc. The data are estimated industry totals based on reports of manufacturers representing, beginning 1939, approximately 90 percent of total automotive replacement battery unit sales according to the 1939 Census of Manufactures. Prior to 1939 the reporting concerns represented 75-85 percent of the total.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual figures for 1930-34 and monthly figures for 1937-40 are available upon request.

² Compiled by the *National Electrical Manufacturers Association*. The index is based on unit sales of electric household refrigerators, complete, including porcelain and lacquer cabinets. There were 11 companies reporting to the Association for 1946-47; 11-14, 1948; 12-13, 1949; and 13-16 companies in 1950. The current sample is comparable with the prewar sample; however, the percentage of the industry represented by the sample is estimated to have declined from nearly 95 percent in prewar years to around 85 percent through 1948; estimated coverage for the years 1949-50, represented by the additional reporting companies, is not known. Sufficient data are not available to complete the index for 1942-45. The index does not include an adjustment for seasonal variation nor does it include export sales.

Monthly data for 1941 and 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1934-40 are available upon request.

³ Compiled by the *Vacuum Cleaner Manufacturers Association*. Data are based on reports of members of the Association and several nonmember companies, and cover practically the entire industry. They represent manufacturers' sales to all outlets including export and domestic sales. Figures shown beginning with the 1947 STATISTICAL SUPPLEMENT cover standard type vacuum cleaners, excluding reconditioned and hand units, and are not comparable with data shown in earlier volumes.

Monthly data for 1941-42 and 1946 are shown in the 1947 STATISTICAL SUPPLEMENT; monthly data for 1936-40 are available upon request.

⁴ Compiled by the *American Home Laundry Manufacturers' Association*. Data represent sales, including those for export, and excluding small or midsize types (first reported in 1947—monthly average 1947, 41,500; 1948, 25,500; 1949, 8,800; 1950, 9,600). Beginning 1947, the figures include estimates for nonreporting companies to give complete industry coverage of standard size

models; data for earlier years are based on reports of the members of the Association numbering as follows: 1946—24-27 (accounting for about 97 percent of the industry); 1942—24; 1941—24 to 29 companies. Data represent units sales of both electric and gasoline washers. Sales of gasoline washers have become an increasingly small part of the total as shown by the following percentages of gasoline to total washer sales: 1938, 9.3 percent; 1939, 7.2 percent; 1940, 6.3 percent; 1941, 6.6 percent; 1946, 3.7 percent; 1947, 3.3 percent; 1948, 2.4 percent; 1949, 1.1 percent; 1950, 0.5 percent.

Monthly data for 1941-June 1942 and 1946 (as noted above) are shown in the 1947 STATISTICAL SUPPLEMENT. Monthly averages for 1929-34 and monthly data for 1938-40 appear in the 1942 volume. Earlier monthly data will be found in the 1940 SUPPLEMENT and in the October 1939 SURVEY, p. 17. Data for the years 1929-32 include estimates for nonreporting companies to raise the figures to complete industry coverage.

⁵ Compiled by the *National Electrical Manufacturers Association*. The indexes cover the following products: *Electrical insulating materials*—laminated products, electrical; manufactured electrical mica; special dry process electrical porcelain; varnished fabric and paper; and vulcanized fiber; *motors and generators*—A. C. generators, engine and belt driven, all sizes (excluding waterwheel and turbogenerators); integral horsepower motors, polyphase induction, 1-200 horsepower, inclusive; integral horsepower motors and generators, D. C., 1-200 horsepower, 3/4 to 150 kilowatts, inclusive; synchronous motors, all sizes; integral horsepower motor generator sets, all types, 3/4 to 150 kilowatts, inclusive, beginning August 1940; and integral horsepower motors, single phase, 1 horsepower and larger, beginning January 1944 (data for fractional horsepower motors are not included).

Basic data for the component series are compiled from reports of both nonmember and member companies of the National Electrical Manufacturers Association; the reports do not include all manufacturers of these products but are stated by the compilers to be fairly representative of the industry. The indexes are based on dollar figures of billed sales for electrical insulating materials and of orders received for motors and generators. The method of computation is as follows: First the value reported monthly to the Association for each component product is inflated to represent 100 percent of the industry, based on estimates of the coverage of the reports prepared by the Association from available data; the inflated dollar figures for all products covered by the index are then combined for each month and the aggregate for each month is related to the average aggregate monthly figure for the base year 1936. The 1942-45 data for motors and generators have been adjusted for cancellations reported through December 1945; in making this adjustment the cancellations are deducted from data for the month in which the original order was reported. Similar adjustments have not been made in the earlier data nor in the data since 1945. No adjustments have been made for renegotiations of contracts nor for accidental fluctuations due to extremely large orders. The indexes are not adjusted for seasonal variations nor for differences in the number of working days in the month.

Monthly data for the insulating materials index and quarterly data for the motors and generators index for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly or quarterly data for 1934-40 are available upon request.

⁶ Compiled by the *National Electrical Manufacturers Association* from data furnished voluntarily by its members. It should be noted that the statistical coverage of the industries is not altogether comprehensive. The Association states that the figures shown are not necessarily complete nor are they necessarily comparable, and that care should be taken, in employing these figures, to avoid misinterpretation. For some items the number of companies reporting has varied only slightly. Information relating to the individual series is given below.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are available in the 1942 volume. Earlier data are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revisions in the 1931 data for laminated products and revisions in the 1934 and 1935 figures for shipments of vulcanized fiber are available upon request).

Motors and generators.—Billed sales and gross new orders of electric motors and generators cover domestic business only; that is, sales to organizations in continental United States, Alaska, Hawaii, and Canal Zone. Included are rails, pulleys, and parts sold with motors and generators but not

spare parts sold separately, V-belts and other transmission units, and switchgear. Data for direct current integral motors and generators (i.e., motors and generators 1-200 horsepower—3/4 to 150 k.w.—except mill-type motors) include also direct connected exciters sold with generators, belted or motor generator exciters, and field rheostats and discharge resistors sold with generators.

Data for polyphase induction motors are as reported by 24-27 companies for 1935-40, 24 for 1941, 21-24 for 1942, 25-27 for 1943-44, 27-29 for 1945-46, 34-36 for 1947, and 33-31 for 1948-50. Data for direct current motors and generators cover 19-21 companies for 1935-42, 23-24 for January-May 1943, 26-27 from June 1943 through December 1946, and 28-30 for 1947-50.

Vulcanized fiber.—Data for vulcanized fiber cover 5-6 companies. Shipments, which are domestic and exclude intercompany shipments, comprise shipments of vulcanized fiber sheets, rods, specialties, and tubes but exclude hollow ware (other than tubes). Data for consumption of vulcanized fiber paper include total consumption of paper (both sheets and tubes), including consumption in hollow ware.

Laminated products.—Data for laminated products cover 10 identical companies plus one additional company for June-December 1940, October 1944-April 1946, and June 1948-December 1950 (figures beginning January 1951, shown in the SURVEY OF CURRENT BUSINESS, cover 3 additional companies). They represent domestic sales billed (excluding intercompany and intra-company sales) and include airplane pulleys, molded gears (automotive), refrigerator doors, breaker strips, bearings, decorative (including translucent, excluding engravings), and commercial gears and gear stock.

⁷ Compiled by the *Business Information Division of Dun and Bradstreet, Inc.*, for the Rigid Steel Conduit Industry. Figures for 1937-41 are reported by an identical group of 12 manufacturers. In 1942, two of the companies discontinued business; since these accounted for a negligible proportion of total shipments and their sales were probably absorbed by the remaining firms, shipments for 1942-50 for 10 companies are accepted by the compiling agency as fully comparable with the earlier data. Production of the reporting manufacturers is estimated to represent over 95 percent of the industry's output. No comparable data are available prior to 1937. The data, which represent domestic sales only, include all orders billed and shipped and also consignment customers' sales reported to manufacturers during each month. Data for black enameled and galvanized conduit are shown separately in the reports.

Monthly data for 1937 are shown in table 33, p. 26, of the November 1941 SURVEY, and for 1938-39, in the 1942 SUPPLEMENT (revisions in short tons: 1937—October, 9,975; 1938—January, 7,025). Revised data for 1940 are available upon request; monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁸ Quarterly average.

⁹ Average for 6 months, January-June.

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¹ Compiled by the *U. S. Department of the Interior, Bureau of Mines*. Data represent the output of Pennsylvania anthracite only; the small amount of anthracite mined outside of Pennsylvania is included with bituminous coal production. Figures are derived from weekly data on carloadings of anthracite as reported by the Association of American Railroads, prorated to a monthly basis. A census of mine operators is taken annually and the monthly data are then adjusted to the reported total. Figures include coal loaded at mines for shipment (breakers, washeries, dredges), including shipments by truck from authorized operations, coal used at collieries for power and heat, and coal sold to local trade and used by employees. Illicit operations are not included through 1940. Beginning 1941, data include bootleg coal purchased by legitimate operators and prepared at their breakers in the following annual totals (short tons): 1941, 1,902,000; 1942, 2,617,000; 1943, 1,266,000; 1944, 507,000; 1945, 260,000; 1946, 352,000; 1947, 604,000; 1948, 544,000; 1949, 443,000 (1941-46 bootleg coal figures shown in the 1949 and 1947 SUPPLEMENT notes represent total production, not amounts purchased by legitimate operators).

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume. Monthly data beginning 1923 shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS are correct except for minor revisions in the 1931 data. These revisions and monthly figures beginning 1913 are available upon request.

² Compiled by the Anthracite Committee of the Department of Commerce of the Commonwealth of Pennsylvania beginning June 1941; by the Anthracite Institute from the middle of 1932 through May 1941; and by the Anthracite Bureau of Information prior to the middle of 1932. Data represent, primarily, prepared coal in ground storage. Excluded is coal on cars at breaker sidings, enroute, at piers, and in boats at piers. Data cover domestic and steam sizes of coal and run-of-mine and its various steam coal derivatives. Variations in the size and homogeneity of the sample affect the strict comparability of the series. Thus, data on broken coal have been included intermittently since the beginning of compilation, but they represent less than one-tenth of one percent of the total.

According to the Anthracite Institute, data include reports of companies representing 91.4 percent of the entire industry from May 1936 through August 1937, 92.6 percent from September 1937 through March 1939, 94 percent from April 1939 through September 1939, and 98 percent through 1941. Such information was not furnished by the compiling source prior to May 1936 or since 1941.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1921-34 and monthly figures for 1938-40 are shown in the 1942 volume. Monthly data prior to 1938 shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS are correct except for October 1924 which should be 4,667,000 short tons; data prior to August 1934 are not strictly comparable with succeeding figures (see note 5 for p. 153 in the 1942 SUPPLEMENT).

³ Compiled by the U. S. Department of Commerce, Bureau of the Census; prior to May 1941, by the Bureau of Foreign and Domestic Commerce. Bunker coal on vessels engaged in foreign trade is not included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 are shown in the 1942 volume. For monthly figures prior to 1938, refer to the 1940, 1938, 1936, and 1932 SUPPLEMENTS; data in these volumes are expressed in long tons and may be converted to short tons by multiplying by 1.12.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data are average retail prices as of the 15th of the indicated month for Pennsylvania anthracite, white ash, chestnut size, in 10-25 cities, and bituminous coal, various sizes, in 21-38 cities. Prior to August 1935 for anthracite, prior to September 1935 for bituminous, and after an interval, beginning again in September 1940, prices were collected monthly. In the intervening periods they were collected quarterly. Prices are for cash sales at retail of coal for household use delivered at the curb, or into the bin if no extra charge is made.

Prior to September 1940 for bituminous coal and prior to July 1944 for anthracite, the number of cities included was constant (38 for bituminous coal and 25 for anthracite). Thereafter the number of cities covered was gradually reduced until at the end of 1950 data for 21 cities were included in the average for bituminous coal and for 10 cities in the average for anthracite. In most cases the average was not materially affected by the change in the number of cities; see note 15 for this page and note 15 for p. 165.

The series for anthracite represents a weighted average of prices in the cities included. Weights used in combining the prices are based on the distribution by rail, or rail and tidewater, to each city during the 12-month period from August 1, 1935 to July 31, 1936. The bituminous coal series represents an unweighted average of price quotations.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual averages for 1929-34 for anthracite and for 1913-34 for bituminous and quarterly or monthly figures for 1938-40 are available in the 1942 volume (minor revisions for bituminous coal for 1939 and 1940 are available upon request). Monthly data for anthracite for 1929-37 are shown in the 1940 SUPPLEMENT and table 10, p. 20, of the February 1937 SURVEY. For monthly figures beginning 1923 for bituminous coal, see the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Prices are averages of Tuesday quotations for Pennsylvania anthracite, chestnut, as reported by 8 firms at the end of 1950, on tracks, destination. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual averages for 1923-34 and monthly data for 1938-40 are available in the 1942 volume. For monthly data for 1932-37, see the 1940, 1938, and 1936 SUPPLEMENTS; monthly figures for 1923-31 are available upon request.

⁶ Compiled by the U. S. Department of the Interior, Bureau of Mines. The monthly figures as originally compiled and reported in the SURVEY are estimates based on daily and weekly statements of cars of coal and beehive coke loaded by the principal railroads and of shipments over the more important originating rivers, supplemented by direct reports from a number of mining companies, local coal operators' associations, and detailed monthly production statistics compiled by the State Mine Departments of Colorado, Illinois, Pennsylvania, Washington, and West Virginia. Allowance has been made for commercial truck shipments, local sales, and colliery fuel, and for small truck or wagon mines which produce over 1,000 tons a year. These estimates are later revised to agree with the results of the annual statistical reports from the coal producers. Data include lignite and anthracite mined outside of Pennsylvania, coal used at collieries for power and heat, and coal made into coke at the mines. Data exclude, beginning 1924, production from small mines which have an output of less than 1,000 tons a year and sell their product by wagon or truck; in 1944, there were approximately 1,821 of these small mines with a total production of 756,000 tons.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938 are available in the 1942 volume (data for 1939-40 shown in the latter volume have been revised and are available upon request). Monthly data prior to 1938 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁷ Reported by the U. S. Department of the Interior, Bureau of Mines. Total industrial consumption and retail deliveries statistics are based on data collected by the Bureau of Mines and by several other agencies as specified in notes 8 to 11 for this page and note 1 for p. 165. About 80 percent of total consumption for all purposes and of total stocks are accounted for by actual monthly reports. The balance represents estimated allowances for other industrial consumption and stocks, not accounted for in the specific classifications shown in the tables presented herein and in the distribution through retail yards, and stocks in those yards not covered by reports. "Other industrial consumption" and "other industrial stocks" as given here are based on reports from a sample of manufacturing plants (see note 11).

The total of classes shown (plus bunker fuel, available on p. 165) represents approximately grand total consumption. It is not appropriate to calculate consumption from production, imports, exports, and changes in stocks because certain significant items of stocks are not included. These items are: Stocks on Lake and Tidewater docks, stocks at other intermediate storage piles between mine and consumer, and coal in transit.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for the total industrial consumption and retail delivery series as shown in the 1949 SUPPLEMENT and earlier issues do not include revisions for consumption by electric-power utilities (see note 9 for this page); data for coal-mine fuel are shown separately and not included in the industrial consumption totals.

⁸ Compiled by the U. S. Department of the Interior, Bureau of Mines. See note 7 for this page. Prior data shown in the 1942 SUPPLEMENT and earlier issues are substantially correct, although there have been minor revisions in the consumption data.

⁹ Compiled by the Federal Power Commission (prior to July 1936, by the U. S. Geological Survey). Data represent bituminous coal consumed and stocks held by privately and municipally owned electric utilities, Bureau of Reclamation plants, and miscellaneous Federal, State, and other public projects consuming coal for generating electric energy. Beginning January 1945, coal consumed by plants generating electric energy for electric railways and railroads and by manufacturing plants generating electric energy for public sale have been excluded from the data; during 1944, the last year of their inclusion, these plants consumed 2,230,581 tons of coal, the exclusion of which would result in lowering the 1944 monthly average of the electric-utility group as shown herein by 2.8 percent in order to make it comparable with the 1945 and subsequent data.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (monthly averages for 1935-44 did not include the changes referred to above). Revised monthly averages for years prior to 1935 are available upon request; however, monthly revisions prior to January 1945 are not available at present.

¹⁰ Consumption by class I railways is based on the average daily consumption of coal as reported by the *Association of American Railroads* to the *U. S. Department of the Interior, Bureau of Mines*. Data relating to stocks held by class I railways are reported by the same source. Data represent coal consumption for all purposes, including road train service, yard switching service, shops, station fuel, etc. Data for switching and terminal companies are not included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly data for 1933-40 are in the 1942, 1940, 1938, and 1936 volumes. Data published in the 1932 *SUPPLEMENT* represent consumption in road train service only and are not comparable with subsequent figures.

¹¹ Data are compiled by the *U. S. Department of the Interior, Bureau of Mines*, from a sample of large manufacturing plants which numbered about 2,000 in 1941. (In 1950, the sample numbered about 1,200 representative large firms reporting each month.) On the basis of these reports, an estimate is made of total consumption by all manufacturing plants not elsewhere specified so as to obtain complete industry coverage. Coal consumed by coal-gas retorts and as fuel in coal mines, previously shown separately, are now included in this group.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly averages prior to 1935 and monthly data for September 1932-40 can be obtained from the 1942, 1940, 1938, and 1936 *SUPPLEMENTS* by adding the data shown separately for coal-gas retorts and coal-mine fuel to those for "other industrial."

¹² Average for 4 months, January, April, July, and October.

¹³ Average based on annual total which includes revisions not available by months.

¹⁴ Average for 5 months, January, April, July, September, and December.

¹⁵ The comparability of the data is slightly affected by a reduction in the number of cities; January 1947 figure comparable with succeeding data, \$16.85 (February-July 1947 prices are directly comparable and cover 16 cities).

¹⁶ The comparability of the data is slightly affected beginning March 1948 by a substitution for one of the reporting companies and beginning January 1949 by a reduction in the number of cities; February 1948 figure strictly comparable with March, \$15.011; December 1948 figure strictly comparable with January 1949, \$15.844. The annual figure for 1948 is an average for 11 months, February-December.

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¹ Data are collected by the *U. S. Department of the Interior, Bureau of Mines*, from a selected list of representative retail dealers (including some small manufacturing plants) and estimates of total retail deliveries and stocks are made from this sample.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly averages for 1932-40 and monthly figures for 1938-40 are available in the 1942 volume. Monthly data beginning 1933 are available upon request; monthly stock figures beginning September 1932 are available in the 1940, 1938, and 1936 *SUPPLEMENTS*.

² Compiled by the *U. S. Department of Commerce, Bureau of the Census*; prior to May 1941, by the *Bureau of Foreign and Domestic Commerce*. Data cover coal of both domestic and foreign origin, laden in U. S. ports on ships of U. S. and foreign registry which are engaged in foreign trade and also on Canadian ships passing from one U. S. port to another in the trade on the Great Lakes.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly averages for 1913-34 and monthly data for 1938-40 are available in the 1942 volume. Earlier monthly figures beginning 1923 are shown in the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*. (Revisions, in long tons: June 1923, 440,000; September 1925, 376,000; December 1926, 718,000.) Data in the 1940 *SUPPLEMENT* and earlier issues are shown in long tons; these can be converted to short tons by multiplying by 1.12.

³ See note 7 for page 164.

⁴ See note 8 for page 164.

⁵ See note 9 for page 164.

⁶ See note 10 for page 164.

⁷ See note 11 for page 164.

⁸ See note 1 for this page.

⁹ Compiled by the *U. S. Department of Commerce, Bureau of the Census*; prior to May 1941, by the *Bureau of Foreign and Domestic Commerce*. Beginning 1947, data include shipments

under the Army Civilian Supply Program which were not reported previously; see note 1 for p. 102. For 1947, these shipments amounted to 102,200 short tons.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume. For monthly data beginning 1923, refer to the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*. Data in the 1940 *SUPPLEMENT* and earlier issues are reported in long tons and may be converted to short tons by multiplying by 1.12.

¹⁰ See note 4 for page 164.

¹¹ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. The wholesale price of mine-run bituminous coal is an average based on prices reported by 20 firms at the end of 1950, on tracks, destination. The prepared sizes composite price is an average of prices reported by 22 firms, on tracks, destination.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Annual averages for 1923-34 and monthly data for 1938-40 are available in the 1942 volume. Monthly figures for 1923-37 are shown in the 1940, 1938, 1936, and 1932 *SUPPLEMENTS* (correction for mine-run composite for February 1928, \$4.097).

¹² Average for 4 months, January, April, July, and October.

¹³ Average for 5 months, January, April, July, September, and December.

¹⁴ Average for 4 months, March, June, September, and December.

¹⁵ The comparability of the data is affected in some months by a reduction in the number of cities or by a change in the sample; averages for January, July, and November 1947, comparable in each case with the data shown for the following month are \$11.94, \$13.04, and \$14.45, respectively (February-July 1947 are directly comparable and cover 30 cities).

¹⁶ The comparability of the data is slightly affected beginning March 1948 by substitutions in the reporting companies. February, April, and September 1948 and September 1949 figures for bituminous coal, prepared sizes, strictly comparable in each case with the data shown for the following month are: \$8.122, \$8.154, \$9.196, and \$9.300. November 1948, September 1949, and March 1950 figures for bituminous coal, mine run, comparable with data for the following month are: \$8.744, \$8.618, and \$8.916, respectively. For mine run, there was no change in price between February and March 1948 on the basis of comparable reports. Annual averages are not available because of insufficient data.

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¹ Compiled by the *U. S. Department of the Interior, Bureau of Mines*. Data are based on reports from plants accounting for practically the entire output of beehive coke and from plants covering all byproduct operations, including public-utility plants having coke ovens. The figures exclude screenings, gas-house coke, and coke made from coal-tar pitch. The coke trade is concerned primarily with beehive and byproduct-oven coke, since only such coke is adapted to blast furnaces and foundries, which consume the bulk of all coke produced. Data on petroleum coke (the residue from the petroleum refining process) are also given here, since this product has some importance as a petroleum refinery fuel, as a household fuel, and for industrial uses.

Data relating to stocks at plants are here restricted to byproduct and petroleum coke, since beehive plants as a rule carry only small stocks. Stocks of byproduct coke at furnace plants relate to those at plants whose main business is the production of furnace coke which has an assured outlet either through financial affiliation with, or direct ownership by, an ironworks, or through long-time contracts. Merchant plants, as the name implies, refer to those plants producing coke for sale. Included are a few plants affiliated with local iron furnaces which produce more coke than the furnaces can absorb and which therefore sell in competitive markets; plants affiliated with alkali and chemical works; and a number of plants (though constructed primarily to supply city gas) which must dispose of their coke in the usual trade channels.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*; monthly averages prior to 1935 and monthly data for 1938-40 are available in the 1942 volume. Earlier data are available as follows: For data beginning 1923 for production of beehive and byproduct coke and petroleum coke, and stocks of petroleum coke, see the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*; for beehive and byproduct

coke, figures for 1927 and 1931 have been revised and are available upon request; monthly production data beginning 1913 for beehive and byproduct coke and beginning 1917 for petroleum coke are available upon request; for stocks at byproduct plants (at furnace plants and at merchant plants separately) beginning 1932, see the 1940, 1938, and 1936 SUPPLEMENTS; stocks beginning 1918 for petroleum and beginning 1928 for byproduct plants are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume. For monthly data beginning 1923, refer to the 1940, 1938, 1936, and 1932 SUPPLEMENTS; data as shown in these issues are reported in long tons and may be converted to short tons by multiplying by 1.12. Monthly figures beginning 1913 are available upon request.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent averages of weekly quotations for beehive coke, Connellsville furnace, f.o.b. ovens. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; annual averages for 1913-34 and monthly figures for 1938-40 are available in the 1942 volume. For monthly data beginning 1923, see the 1940, 1938, 1936, and 1932 SUPPLEMENTS; monthly figures beginning 1913 are available upon request.

⁴ Reported by the U. S. Department of the Interior, Bureau of Mines, from data supplied by the Oil and Gas Journal. Prior to 1947, California data were furnished by the American Petroleum Institute. Also prior to 1947, data as originally released covered 4- or 5-week periods but were later revised, according to the compilers, to cover calendar months.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1939 and 1940 are in the 1942 volume; monthly data for 1938 in that volume have been revised. For monthly figures for 1923-37, see the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Monthly data for 1938 and 1922 are available upon request.

⁵ Compiled by the U. S. Department of the Interior, Bureau of Mines. Production data are for crude oil (including some condensate which is mixed with crude) and represent oil transported from producing properties plus that remaining on properties and consumed on leases. Refinery operations are based on the ratio of the daily average crude runs to stills to the total rated capacity per day of operating refineries. Consumption (runs to stills) includes consumption of both domestic and foreign crude oils, but does not include reruns of unfinished oils and unfinished gasoline.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1913 for production, 1916 for consumption, and 1925 for refinery operations and monthly data for all series for 1938-40 are in the 1942 volume (consumption figure for July 1939 should read 106,899). Monthly data prior to 1938 for all series are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (data for 1931 production have been revised; these revisions and monthly production for 1916-22, and monthly consumption for 1917-22, are available upon request).

⁶ Barrels of 42 gallons.

⁷ Beginning January 1949, data are shown on a new basis to reflect changes in reporting for California; figures include some fuel oils (principally residual oil) which were formerly reported as transfers from crude oil; 1948 monthly average on the new basis, 170,696,000 barrels.

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¹ Compiled by the U. S. Department of the Interior, Bureau of Mines. Stocks of gasoline-bearing crude petroleum represent stocks of refinable crude oil. Data for heavy crude oil in California are not available separately prior to 1938 or after 1948, and for 1935-37 are included with stocks of residual fuel oil.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1921-34 for gasoline-bearing oil and monthly data for 1938-40 for all series are available in the 1942 volume (gasoline-bearing oil is shown as "refinable in United States"). Data for stocks at refineries for March 1940 have been corrected to 50,194,000 barrels. As explained in note 1, p. 156 of the 1942 SUPPLEMENT, data prior to 1933 for each of the following

classifications are stocks east of California only: Stocks at refineries, at tank farms and in pipelines, and on leases. Although stocks of light crude petroleum in California are not available by location for this period they are included in the figures for total stocks. Total stocks data also include, for 1922-23, heavy crude in California.

Monthly data for 1924-32 for stocks at refineries and at tank farms and in pipelines, east of California, are correct as shown in the 1936 and 1932 SUPPLEMENTS (data for 1923 as shown in the latter volume have been revised). Total stocks figures beginning 1933 shown in the 1940 and earlier SUPPLEMENTS have been revised to include stocks of light crude in California with other gasoline-bearing crude and to include stocks on leases. Revised monthly figures for 1933-37 for all series and earlier data for the total and for stocks on leases, and also monthly data prior to 1924, are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census subsequently. Data for imports are imports for consumption. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revised December 1946 figure for imports, 6,719,000 barrels); monthly averages for 1913-34 and monthly data for 1938-40 appear in the 1942 volume. Monthly data for imports for 1923-37 are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS; prior to February 1923, they include some topped oil (see note 2 for p. 156 in the 1942 volume). Monthly export data prior to 1938 are available upon request.

³ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data are averages of weekly prices. The specific quotation is for crude petroleum, 36°-36.9° gravity. These data replace the series for 33°-33.9° gravity which was shown in the 1949 STATISTICAL SUPPLEMENT and earlier issues.

Monthly data for 1935-46 are available on p. 20 of the March 1951 SURVEY.

⁴ Compiled by the U. S. Department of the Interior, Bureau of Mines. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly data for 1938-40 are available in the 1942 volume (distillate fuel oil is shown as "gas oil and distillate fuel oil"). Only combined totals of distillate and residual fuel oil are available prior to 1930; monthly data for 1917-29 are available upon request. Comparability of the data prior to 1929 is somewhat affected by duplication which resulted when a considerable volume of fuel oil was erroneously reported as "finished oils" but which was later rerun. For monthly data for 1930-37, see p. 20 of the February 1933 SURVEY, and the 1940, 1938, and 1936 SUPPLEMENTS.

⁵ Compiled by the U. S. Department of the Interior, Bureau of Mines. Data represent apparent consumption as computed from production plus imports, minus exports, plus or minus the change in stocks. The export data used differ from those shown here for the items separately, since the former include shipments to noncontiguous territories. No breakdown between residual fuel oil and distillate fuel oil data is available prior to 1935. The comparability of the series is affected slightly beginning 1939 by the inclusion of net transfers of crude oil east of California and by the change in method of computing stocks (see note 11, for p. 168).

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1931-34 and monthly data for 1938-40 are shown in the 1942 volume; monthly data for 1932-37 are available upon request.

⁶ Compiled by the Federal Power Commission (prior to July 1936 by the U. S. Geological Survey). Data for 1945-50 and the monthly averages for earlier years represent fuel oil consumed by privately and municipally owned electric utilities, Bureau of Reclamation plants, miscellaneous Federal, State, and other public projects.

Monthly data for 1945-46 are available in the 1949 STATISTICAL SUPPLEMENT. The monthly figures for 1941-44, shown in the 1947 volume, include also consumption by plants operated by electric and steam railroads and a comparatively small quantity formerly included for certain industrial plants which sold some energy for public use. Monthly data for 1938-40 are available in the 1942 SUPPLEMENT; earlier monthly figures beginning 1921 are in the 1940 volume and table 75, p. 20, of the September 1938 SURVEY. Revised annual figures beginning 1920 are available upon request. All data shown in the 1942 and earlier publications include consumption by plants operated by electric and steam railways and the industrial plants referred to above.

⁷ Compiled by the *Interstate Commerce Commission*. Data represent the consumption of fuel oil by locomotives in road train service of class I steam railways, and beginning January 1937 include switching and terminal companies. Figures exclude consumption of gasoline by motor-car trains, of diesel fuel by either locomotives or motor-car trains, and of fuel oil used in yard switching service.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*; monthly averages for 1921-34 and monthly figures for 1938-40 are available in the 1942 volume. Earlier monthly data beginning 1923 are shown in the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*; data in the 1932 volume have been revised but are sufficiently accurate to indicate the trend. Revised monthly data for 1921-31 are available upon request.

⁸ Compiled by the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce* through April 1941 and *Bureau of the Census* thereafter. Data cover oil of both domestic and foreign origin laden in U. S. ports, on ships of U. S. and foreign registry which are engaged in foreign trade, and also on Canadian ships passing from one U. S. port to another in the trade on the Great Lakes.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT* (revised July 1946 figure, 5,514,000 barrels). Monthly averages for 1914-34 and monthly data for 1938-40 are shown in the 1942 volume (revisions in thousands of barrels: 1940—June, 2,925; July, 3,008; August, 2,681). For earlier monthly figures beginning 1923, see the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*. Minor revisions in some of the figures shown in the 1932 volume and monthly data for July 1914-22 are available upon request.

⁹ Barrels of 42 gallons.

¹⁰ Based on annual total; monthly figures available only for distillate and residual fuel oil combined.

¹¹ Includes minor revisions not distributed by months. See note 6 for this page.

¹² Revised basis; 11,615,000 barrels transferred at the beginning of the year from refinery to tank-farm and pipeline stocks.

¹³ Heavy crude in California included with stocks of residual fuel oils, (p. 168), prior to 1938; separate data are not available. Stocks of heavy crude as of December 31, 1937 (the earliest figure available) amounted to 14,505,000 barrels.

¹⁴ Revised basis; 993,000 barrels deducted at the beginning of the year.

¹⁵ Revised basis; 793,000 barrels deducted at the beginning of the year.

¹⁶ Revised basis. See note 5 for this page and note 11 for p. 168 for explanation of a change affecting comparability of the data, and for 1939 figures comparable with those for earlier years.

¹⁷ Excludes substantial August shipments which were omitted because of incomplete information on original documents.

¹⁸ Revised basis; 1,374,000 barrels deducted at the beginning of the year.

¹⁹ Revised basis; 1,017,000 barrels deducted at the beginning of the year.

²⁰ Revised basis; 199,000 barrels transferred at the beginning of the year from crude-oil stocks to natural-gasoline stocks.

²¹ Beginning January 1949, data for heavy crude in California are not separately available, but are included with gasoline-bearing stocks. Figures for gasoline-bearing stocks from January 1949 forward are, therefore, not strictly comparable with those for earlier periods.

²² Beginning January 1949, data are shown on a new basis to reflect changes in reporting for California; figures exclude some fuel oils (principally residual oil) which have been transferred to crude runs to stills; 1948 monthly average on new basis is 31,612,000 barrels for distillate and 39,999,000 barrels for residual oil.

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¹ Compiled by the *U. S. Department of the Interior, Bureau of Mines*. Data include all refinery stocks of distillate and residual fuel oils, bulk terminal stocks in California and, beginning 1939, bulk terminal stocks east of California. Data for residual oil for 1935-37 (shown in italics) include also heavy crude oil in California. Beginning 1938 heavy crude in California has been reported separately and the figures through 1948 are shown herein on p. 167. The addition of bulk terminal stocks east of California beginning 1939 materially affects

the comparability of the data (see note 11 for this page). Comparability of the data is again materially affected beginning 1949 (see note 19 for this page).

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*; annual averages for 1917-34 and monthly data for 1938-40 are available in the 1942 volume. Monthly figures for 1932-37 are shown in the 1940, 1938, and 1936 *SUPPLEMENTS*. Data for the combined figures for distillate and residual fuel oils shown in the 1940 and earlier issues are for "east of California" only; monthly data except for 1930 and 1931, corresponding to the monthly averages shown in the present volume, can be obtained from the earlier *SUPPLEMENTS* by adding heavy crude and fuel oil in California to the figures for stocks east of California after correcting December figures for certain years as follows (thousands of barrels): 1927, distillate fuel oil, 34,022; 1932, heavy crude and fuel oil in California, 95,933; 1933, residual fuel oil east of California, 18,649; 1937, heavy crude and fuel oil in California, 67,656; 1930 and 1931 monthly data are available upon request.

² Compiled by the *U. S. Department of Commerce, Bureau of the Census*; prior to May 1941 by the *Bureau of Foreign and Domestic Commerce*. Separate data for distillate fuel oil and residual fuel oil are not available prior to 1932. All lubricating oils are included in that series.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly averages for distillate and residual fuel oil and kerosene for 1913-34, lubricating oils for 1917-34, and monthly data covering 1938-40 for all series are available in the 1942 volume. Monthly data for kerosene for 1923-37 are in the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*. Revised export data are as follows (thousands of barrels): Kerosene, 1930—June, 1,735; October, 1,401; 1938—July, 203; lubricating oils, monthly averages, 1926, 779; 1927, 807. Monthly data for distillate and residual fuel oil for 1932-37, kerosene for 1913-22, and lubricating oils for July 1917-37 are available upon request.

³ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. Data represent the average of weekly prices for distillate fuel oil, bulk lots, f.o.b. refineries or terminals, and exclude all fees and taxes. These prices replace the former series for fuel oil, Pennsylvania, 36°-40° gravity, shown in the 1949 *STATISTICAL SUPPLEMENT* and earlier issues.

Monthly data for 1935-46 are available on p. 20 of the March 1951 *SURVEY*.

⁴ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. Data represent the average of weekly prices for residual fuel oil, Oklahoma (group 3), bulk lots, and exclude all fees and taxes.

Monthly data for 1935-46 are available on p. 20 of the March 1951 *SURVEY*; prices were inadvertently shown there as dollars per gallon instead of dollars per barrel.

⁵ Compiled by the *U. S. Department of the Interior, Bureau of Mines*. Domestic demand represents apparent consumption as computed from production plus imports, minus exports, plus or minus the changes in stocks. The export data used in this computation differ from those shown separately on this page, in that the former include shipments to noncontiguous U. S. territories.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Monthly averages for 1916-34 for production, 1917-34 for domestic demand, and monthly data for both series for 1938-40 are in the 1942 volume. Monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*. Monthly figures for July 1917-22 are available upon request.

⁶ Compiled by the *U. S. Department of the Interior, Bureau of Mines*. Stocks of kerosene includes stocks held at refineries and, beginning January 1942, bulk terminal stocks. Prior to January 1942, the data cover refinery stocks only (see note 16 for this page). See also note 19 for this page for further changes materially affecting the comparability of data for kerosene stocks. Stocks of lubricants exclude distributors' stocks in California beginning January 1948 (see note 18 for this page).

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the *STATISTICAL SUPPLEMENT*. Annual averages for 1917-34 and monthly figures for 1938-40 are available in the 1942 volume. Monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 *SUPPLEMENTS*. Monthly figures for July 1917-22 are available upon request.

⁷ Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. Data represent the average of weekly prices

for kerosene, No. 1 fuel, bulk lots, f.o.b. refineries or terminals, and exclude all fees and taxes. These prices replace the former series for kerosene, water white, Pennsylvania, shown in the 1949 STATISTICAL SUPPLEMENT and earlier issues.

Monthly data for 1935-46 are available on p. 24 of the August 1950 SURVEY.

⁸ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent the average of weekly prices for lubricants, bulk lots, bright stock, conventional, 150-160 viscosity D, 0-10 pour point, and exclude all fees and taxes. These prices replace the series for lubricants, cylinder, refinery, Pennsylvania, shown in the 1949 STATISTICAL SUPPLEMENT and earlier issues.

Monthly data for 1935-46 are available on p. 20 of the March 1951 SURVEY.

⁹ Barrels of 42 gallons.

¹⁰ Revised basis; 460,000 barrels deducted at the beginning of the year.

¹¹ Revised basis. Stock data include bulk terminal stocks east of California beginning January 1939. (Bulk terminal stocks in California have been included since 1924.) The domestic demand data, in addition to including changes in bulk terminal stocks east of California, include net transfers of crude oil east of California beginning 1939. (Transfers of crude oil in California have been included with residual fuel oil statistics for all years shown here and with distillate fuel oil beginning 1938.) Monthly averages for 1939 comparable with data for 1938 are as follows (thousands of barrels): Domestic demand—distillate fuel oil, 11,560; residual fuel oil, 26,645; stocks—distillate fuel oil, 25,807; residual fuel oil, 92,948. December 31, 1938, stock figures comparable with 1939: Distillate fuel oil, 36,224; residual fuel oil, 101,971.

¹² Revised basis; 29,000 barrels deducted at the beginning of the year.

¹³ Revised basis; 1,278,000 barrels deducted at the beginning of the year.

¹⁴ Revised basis; 596,000 barrels deducted at the beginning of the year.

¹⁵ Revised basis; 236,000 barrels deducted at the beginning of the year.

¹⁶ Revised basis; 4,916,000 barrels added at the beginning of the year.

¹⁷ No quotation.

¹⁸ Revised basis; 923,000 barrels deducted at the beginning of the year.

¹⁹ Beginning January 1949, data are shown on a new basis to reflect changes in reporting for California; data for distillate and residual fuel oils exclude cracking stocks (formerly included with finished stocks in California) and data for fuel oils and kerosene exclude stocks held by distributors in California (formerly included with bulk terminal stocks). December 1948 figures on new basis comparable with succeeding data are as follows (thousands of barrels): Distillate, 71,429; residual, 64,021; kerosene, 17,607.

²⁰ Beginning January 1950, coverage was increased to include one East Coast terminal not previously reporting; December 1949 figure on the new basis, 75,435,000 barrels.

²¹ Beginning July 1950, data exclude "special category" exports not shown separately for security reasons.

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¹ Compiled by the U. S. Department of the Interior, Bureau of Mines. Data represent production of all motor fuels, including aviation gasoline. Gasoline and naphtha from crude oil (the combined total of straight-run and cracked gasoline, as previously classified) is gasoline produced at refineries. The natural gasoline and allied products classification includes natural gasoline, cycle products, motor benzol and, beginning 1941, liquefied petroleum gas produced at natural gasoline and cycle plants. The monthly average production in 1941 of liquefied petroleum gas included in the figures for that year is 1,403,000 barrels; while the inclusion of this item affects the comparability of the figures between 1940 and 1941, the industry had grown very rapidly and production prior to 1939 was probably small. "Sales of liquefied petroleum gas and transfers of cycle products" shown in column 4 include sales for fuel purposes beginning in 1941, transfers of cycle products beginning 1943, and sales for chemical purposes beginning 1945. "Natural gasoline used at refineries" represents that part of the total production of this item consumed in blending at refineries. The difference between total pro-

duction of natural gasoline and allied products and the amounts accounted for in columns 4 and 5 as sales of liquefied petroleum gas, transfers of cycle products, and used at refineries, represents unblended natural gasoline used as such, exports, unidentified uses, and losses which, for the most part, occur during shipment from natural gasoline plants to the refineries.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages prior to 1935 and monthly data for 1938-40 are shown in the 1942 volume. Monthly figures for 1936-37 for all series are in the 1940 SUPPLEMENT. For earlier monthly data on gasoline and naphtha from crude oil and natural gasoline used at refineries, beginning 1923, see table 41, p. 19, of the October 1937 SURVEY; for benzol production, beginning 1923, see table 52, p. 18, of the November 1939 SURVEY. Monthly data beginning 1920 for natural gasoline production are available upon request.

² Compiled by the U. S. Department of the Interior, Bureau of Mines. Data represent the apparent consumption in continental United States of refinery and natural gasoline (including aviation gasoline) and benzol as computed from production plus imports, minus exports, plus or minus the change in stocks. The export figures used in this computation differ from those shown in column 11 in that the former include shipment to noncontiguous U. S. territories. Natural gasoline losses are included beginning 1932; in that year, such losses represented about 1 percent of total motor fuel consumed. It should be noted that the consumption of motor fuel by the Armed Forces at home and abroad is included in these estimates of domestic demand.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1917-34 and monthly figures for 1938-40 are available in the 1942 volume. Monthly data for 1923-37 are correct as shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS, except for minor revisions which are available upon request.

³ Compiled by the U. S. Department of the Interior, Bureau of Mines. Finished gasoline stocks are those held at refineries, at bulk terminals, and in pipelines. Stocks at refineries and terminals also include domestic shipments of gasoline consigned to them and in transit by water or rail. Unfinished aviation gasoline, most of which is probably held at refineries, is included in the finished gasoline stocks. Unfinished gasoline is held only at refineries. Stocks of natural gasoline and allied products are those held at natural gasoline plants, at refineries, and at bulk terminals. Stocks of natural gasoline at bulk terminals have been included only beginning 1935 and stocks at refineries beginning 1930; previously, only stocks at natural gasoline plants were counted. Stocks of liquefied petroleum gas are included with natural gasoline stocks beginning in 1942; prior to that time only stocks of natural gasoline and cycle products were included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1938-40 are in the 1942 volume (revised data for unfinished gasoline, November 1939, 5,171,000 barrels). Monthly data for total stocks of finished gasoline, stocks at refineries, and stocks of natural gasoline are correct as shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS except for the 1930 and 1931 data which have been revised and are available upon request. Monthly figures for stocks of unfinished gasoline from 1930 through 1937 are also available upon request.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census; prior to May 1941 by the Bureau of Foreign and Domestic Commerce. Data cover commercial and lend-lease exports, but motor fuel sent to the Armed Forces abroad during the war is excluded. Beginning 1947, data include shipments under the Army Civilian Supply Program. Such shipments were not reported previously (see note 1 for p. 102). For 1947 these shipments amounted to 879,000 barrels of benzol. Data include refinery (including aviation) gasoline, natural gasoline, other petroleum motor fuels, benzol, naphtha, solvents, and other finished light products.

Beginning January 1940, blending agents and other antiknock compounds are included and, beginning in January 1941, exports of mineral spirits are included since that item was no longer reported separately; the inclusion of these minor items does not materially affect the comparability of the series.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 volume. Monthly data for 1913-37 are shown in table 54, p. 16, of the December 1940 SURVEY.

⁵ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent monthly averages of weekly prices for motor gasoline, Oklahoma (group 3), regular grade, f.o.b. refinery.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1918-34 and monthly data for 1938-40 are in the 1942 volume. Monthly figures beginning 1927 are shown in the 1940, 1938, 1936, and 1932 issues; monthly data for 1918-26 are available upon request.

⁶ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent the average of weekly quotations. Prices are for motor gasoline, tank wagon, New York, delivered to undivided dealers (i.e., those who handle only gasoline of a single company); figures exclude the New York State and Federal taxes. These data replace the series for the tank-wagon price at New York including the Federal and State taxes, as shown in the 1949 STATISTICAL SUPPLEMENT and earlier issues.

Monthly figures for 1935-46 are available on p. 24 of the January 1951 SURVEY.

⁷ Reported by the American Petroleum Institute, as compiled by the Texas Co. The prices are simple averages of service-station prices for regular-grade gasoline, exclusive of taxes, on the 1st of each month in 50 representative cities. The 50 cities include 2 in the State of New York and 1 in each of the other 47 States and the District of Columbia. The prices for the 1st of the month are shown here as of the end of the preceding month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1920-34 and monthly data for 1938-40 are in the 1942 volume. Monthly figures for 1920-37 are shown in table 10, p. 16, of the March 1941 SURVEY.

⁸ Barrels of 42 gallons.

⁹ Liquefied petroleum gas produced at natural gasoline and cycle plants is included beginning 1941. See note 1 for this page.

¹⁰ Revised basis; 254,000 barrels deducted at beginning of the year.

¹¹ Revised basis; data beginning January 1942 include liquefied petroleum gases at natural gasoline and cycle plants; 162,000 barrels added at the beginning of the year.

¹² Revised basis; 1,100,000 barrels transferred from refinery to unfinished gasoline at the beginning of the year.

¹³ Revised basis; 199,000 barrels of California condensate transferred from crude oil stocks at the beginning of the year.

¹⁴ Beginning July 1950, data exclude "special category" exports not shown separately for security reasons.

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¹ Compiled by the U. S. Department of the Interior, Bureau of Mines. Data cover total output and stocks held at all refineries. Aviation gasoline is distinguished from ordinary motor fuel chiefly by its higher octane rating but also by additional components blended into it for various purposes. In addition to the "100-octane and above" classification, there is also 90 but under 100-octane and some under 90-octane aviation gasoline produced. Stocks include both finished and, prior to 1949, unfinished aviation gasoline (see note 10 for this page). Unfinished aviation gasoline is included in the finished gasoline stocks on p. 169 (see note 3 for that page). Stocks other than those held at refineries but still in the production stage, such as stocks in transit, are believed to be negligible.

Data for total production and stocks are not available prior to October 1939; separate data for 100-octane and above are not available prior to 1942. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

² Compiled by the U. S. Department of the Interior, Bureau of Mines. Data cover only asphalt and wax made from petroleum. Asphalt production includes that produced at refineries from both domestic and imported petroleum. Stocks of asphalt represent amounts held at petroleum refineries only; beginning January 1948 data exclude distributors' stocks in California (see note 9 for this page). Wax data refer to output and stocks of petroleum refineries only.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1916-34 and monthly data for 1938-40 are available in the 1942

volume. Monthly data for 1923-37 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data cover total shipments, domestic and exports, from virtually all plants (and also from their warehouses) known to be manufacturing asphalt and tar roofing, saturated felts, and siding products. Only those products which have a base of dry felt or other organic binder are included; products which are made with an asbestos base are excluded. Reports are made on a plant rather than a company basis, hence the necessity of including shipments from warehouses; it is believed that interplant and plant-to-warehouse shipments have been eliminated. The number of reporting plants is as follows: September 1943, 109 (this represented complete coverage of the industry); 1944, 108; 1945, 102; 1946, from 102 plants in January to 96 in December; 1947-48, 95; 1949, 102; 1950, 105. When some of the plants in any month fail to report, estimates are included for those nonreporting plants; hence the data as reported by the Census Bureau represent virtually complete industry coverage.

For some time prior to September 1943 when the Bureau of the Census began publication of the present series of asphalt products data, roofing shipments statistics had been received from 33 manufacturers operating 78 plants which represented the following percentages of complete industry coverage as of September 1943: Smooth-surfaced roll roofing and cap sheet, 94.7 percent; mineral-surfaced roll roofing and cap sheet, 94.5 percent; strip shingles, 95.1 percent; individual shingles, 99.4 percent. On the basis of these percentages, the asphalt roofing data beginning April 1939 through August 1943 were expanded to represent industry-wide coverage, to compare with the present series beginning in September 1943 which represents, as nearly as possible, complete industry coverage. Annual data for total roofing shipments for 1936-38 and January-March 1939 were expanded to represent complete coverage on the basis of reports to the 1935 Biennial Census of Manufactures indicating 92 percent coverage for that period.

Shipment statistics for asphalt sidings and saturated felts, available only beginning September 1943, also represent practically complete coverage of the industry, including estimates for nonreporting plants in any month.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Asphalt roofing data shown in the 1942 and earlier volumes are not comparable with the present series.

⁴ Barrels of 42 gallons.

⁵ Average for 3 months, October-December.

⁶ Average for 9 months, April-December.

⁷ Includes some 98-99-octane.

⁸ Average for 4 months, September-December.

⁹ Revised basis; 45,500 short tons deducted at the beginning of the year.

¹⁰ Beginning January 1949, data exclude stocks of unfinished aviation gasoline; December 1948 figures on the new basis: Total, 5,915,000 barrels; 100-octane, 2,504,000 barrels.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census, beginning September 1945 and prior to 1941; and by the War Production Board for 1941 through August 1945 (September 1945 data are estimates based on partial reports to the latter agency). Data include both domestic and imported pulpwood and, beginning 1941, represent total receipts, consumption, and stocks at all wood-pulp mills, including mills producing defibrated, exploded, asplund fiber, and similar grades of pulp. Estimates are included for a few mills that do not report regularly. Consumption prior to 1941 excludes data for mills producing wholly defibrated, exploded, etc., pulp; however, it is believed that exclusion of such mills does not materially affect the comparability of the data. Only annual data on consumption are available prior to 1941; monthly averages are computed from the annual totals. The unit of measurement is the standard cord of 128 cubic feet, roughwood basis.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

² All series beginning October 1945 (also earlier 1945 monthly figures and 1939-44 annual totals for consumption) were compiled by the U. S. Department of Commerce, Bureau of the Census; receipts and stocks data through August 1945 were compiled by the War Production Board. September 1945 figures

are estimates based on partial reports to the latter agency. The data relate to mills producing paper and paperboard, except that receipts and inventories for 1943 and 1944 and monthly consumption figures for 1943 include also reports from a few mills producing other products. All paper and paperboard mills are covered in the figures beginning 1941. Estimates are included for a few mills that did not report in some months or years. The 1939 and 1940 monthly averages for consumption, computed from annual totals, exclude data for some mills that were not classified in the industry prior to 1941 or 1942 (for explanation, see note 2 for p. 173).

Monthly figures for 1943-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

³ Compiled by the U. S. Pulp Producers Association, or based on data compiled by that agency, with the exception of data for soda pulp prior to 1944 which are based on reports to the Soda Pulp Manufacturers Association.

Tonnages are air-dry weights. Production data represent the total for all grades of pulp, exclusive of defibrated, exploded, asplund fiber, and similar grades for 1940-45. Data beginning 1944, except for groundwood and defibrated, etc., pulp, are based on reports to the compiling agency by all producers. Soda-pulp production (as reported monthly to the Soda Pulp Manufacturers Association for 1937-38 and 1940-43) and monthly production data for all other grades for 1935-43, for groundwood for 1944-48, and for defibrated, etc., pulp for 1946-48, as reported to the U. S. Pulp Producers Association have been raised by the latter agency to annual totals compiled by the Bureau of the Census. The Association's data for 1949-50 have not been adjusted to final Census totals; however, the differences are minor, amounting to only 1-3 percent for the various grades. Bleached sulphate includes semibleached. Beginning 1946, figures for groundwood and defibrated, etc., pulp include an adjustment between the grades in accordance with a change made by the Bureau of the Census in 1947, transferring approximately 120,000 tons of pulp formerly classified as defibrated, etc., to groundwood. The 1940-45 data for groundwood are subject to a similar adjustment; therefore groundwood production figures for this period are not entirely comparable with those for other years.

Reported soda-pulp data for 1935-36 and 1939 were raised by the Bureau of Foreign and Domestic Commerce. Figures for 1939 were adjusted to the Census total for that year; those for 1935 and 1936 were raised on the basis of the coverage of the reported data for 1937, as indicated by the Census total for that year, since soda pulp was not classified separately in Census reports prior to 1937.

Total production includes for all years a small quantity of semi-chemical and miscellaneous pulp (including screenings) not reported separately. Defibrated, exploded, asplund fiber, and similar grades of pulp are excluded for 1940-45. Some pulp of these special grades, which are used in the manufacture of high-strength building paper and wallboard, is included in production reported to the Bureau of the Census prior to 1940 and is therefore included in the Association totals adjusted to Census figures. However, the processes used are comparatively recent developments in the manufacture of pulp and it is believed that such production represented a much smaller proportion of the totals in earlier years than in the period beginning 1940. Production of these special grades as reported by the Bureau of the Census for 1940-45 is as follows (monthly averages based on annual totals, in short tons): 1940, 22,029; 1941, 30,398; 1942, 43,316; 1943, 52,271; 1944, 55,222; 1945, 57,560. As indicated above, these data include some pulp classified beginning 1946 under groundwood and are therefore subject to revision. The figures may be added to total production of all other grades, as reported by the Association, to obtain total production for 1940-45 entirely comparable with data for other years.

Stock data are stocks of own production at pulp-producing mills and therefore are not comparable with the Bureau of the Census figures which include also stocks at the paper and board mills, and purchased (foreign and domestic) pulp. All data beginning 1940, and bleached and unbleached sulphate stocks for earlier years, are totals for all producing mills (exclusive of mills producing defibrated, etc., pulp, furnished by the U. S. Pulp Producers Association) and are either estimated or reported industry totals. Soda-pulp stocks for all years are shown as reported either to the Soda Pulp Manufacturers Association or to the U. S. Pulp Producers Association, since reports are stated to cover all mills producing for market, and nonreporting mills producing for

their own use probably carry only small stocks. Reported stock figures prior to 1940 for sulphite and groundwood were adjusted to raised production figures by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Except in the case of sulphite stocks for 1937 and 1938, the adjusted data were computed by applying to reported stocks the ratio of reported to raised production figures. Sulphite stocks for 1937 and 1938 were computed by carrying forward the 1936 raised stock figures through the use of link relatives based on month-to-month and year-to-year percentage changes in the reported stocks, with adjustments for estimates made by the Association for nonreporting mills.

The total stock figures beginning 1940 include a small quantity of semi-chemical and miscellaneous pulp not shown separately. Similar data are not included in the figures for earlier years. Data for defibrated, etc., pulp (included in the production figures beginning 1946) are included in stock figures beginning 1947; stocks of such pulp are comparatively small.

The approximate percentages of the industry totals represented by mills reporting monthly to the U. S. Pulp Producers Association, as indicated in Association reports, are as follows: Bleached sulphate, 100 percent, all years; unbleached sulphate, 95-100 percent (100 percent beginning in 1944 and for 1935-37); bleached sulphite, 100 percent beginning 1941 and 97-99 percent for earlier years; unbleached sulphite, 90-96 percent prior to 1947, 82 percent for 1947-48, and 91 percent for 1949-50; groundwood, 88 percent for 1935, 67-72 for 1936-42, 62-64 percent for 1943-44, and 73-79 for 1945-50. Additional annual reports are received by the Association. More detailed information on the coverage of the reported data for individual years prior to 1941 is given in the note on the series in the 1942 SUPPLEMENT.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1934 and monthly data for 1938-40 for all series, also monthly averages for production for 1914 and 1916-33, based on annual totals from the Bureau of the Census, appear in the 1942 volume. Monthly data for 1936-37 for all series except soda-pulp stocks are available in the 1940 SUPPLEMENT. Bleached sulphate and unbleached sulphite are not shown separately in these volumes but data can be obtained by subtraction. Soda-pulp stocks included in the 1940 issue are raised figures and are not comparable with data in later volumes.

⁴ The 1941-44 monthly averages are based on annual totals which include for 1943 and 1944 small estimates for some mills that did not report one or more months of the year and estimates for 1941 and 1942 amounting to 3.4 percent and 5.4 percent, respectively; data for one mill included for 1941 were estimated by the Office of Business Economics. As indicated in note 2, the figures beginning 1941 include data for some mills that are not included for the earlier years. The average for 1941 approximately comparable with earlier data is 494,686 short tons; this average includes reports for 10 mills not classified in the industry prior to 1941. However, these mills accounted for only slightly more than 1 percent of the total production of paper and paperboard in 1941.

⁵ Based on annual total which includes revisions not distributed by months.

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¹ See note 3 for p. 171.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data represent imports and exports of total chemical and mechanically ground wood pulp. Pulpwood, rags and rag pulp, and other paper base stocks are not included. Data for imports are imports for consumption. Imports for all years and exports beginning 1936 are air-dry weights. The total for imports includes beginning 1940 a small quantity of chemical and groundwood screenings not shown separately. Screenings were not reported separately in import statistics prior to 1940; imports of screenings in 1940 amounted to only 677 tons, including 627 tons of unbleached sulphite screenings and 50 tons of groundwood screenings.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revisions, September 1945—groundwood, 17,617 tons; total, all grades, 168,016; there were minor revisions for these grades in 1946). Monthly averages prior to 1935 and monthly figures for 1938-40 appear in the 1942 volume. Bleached sulphate and unbleached sulphite are not shown separately in the 1942 issue but may be obtained by subtraction; in that volume, the 1940 figures for imports

of unbleached sulphite and groundwood pulp include screenings whereas in later SUPPLEMENTS screenings are included only in the total, as stated above. For monthly data for 1934-37, see pp. 13 and 14 of the October 1940 SURVEY. Data prior to 1934 are general imports.

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¹ See note 2 for p. 172.

² Compiled by the U. S. Department of Commerce, Bureau of the Census (except data beginning 1941 through September 1945 which were compiled from reports to the War Production Board). Data are based on reports from all operating paper and paperboard mills during most of the period beginning 1942. Estimates are included for a few mills which did not report in some months and production of one mill producing insulating board, which did not report until 1943, is estimated for the entire year 1942. In 1941 and 1942, 32 manufacturers operating 52 mills (which were not included in previous surveys) were brought within the scope of the industry. The additional mills are mainly producers of building paper and building board. They were formerly excluded because the equipment used was not usually regarded as paper-making machinery. However, since the physical characteristics of these products are similar to those usually classified as building paper and building board, they have been classified in the industry. The 1941 figures include estimates for a few of these mills which did not report for that year, amounting to 3.5 percent of the total. The estimate for the one insulating-board mill included in the figures for 1942 accounts for 1.1 percent of the total for paper and paperboard and 22.2 of the total for building board. The estimate was made on the assumption that the production of this mill was proportionately the same in 1942 as in 1943.

All data pertain to primary operations, or paper and paperboard as it leaves the paper machine or the primary finishing operations directly behind the machine. Measurements are in terms of finished production; that is, machine and finishing-room wastes are deducted.

Paperboard as given here includes paperboard and wet-machine board, which are shown as separate classifications in the original reports. The paperboard classification includes container board, set-up boxboard, folding boxboard, and other boards which can be manufactured on the same equipment and of the same materials as container and box grades. In 1946 the classification was revised by the Bureau of the Census to include liners for gypsum and plaster board and stocks for laminated wallboard and other building board, which formerly had been classified under building board. These liners and stocks were reclassified because they are materials for subsequent fabrication into construction products, not finished products. The classification of these data now conforms to industry practice. Data prior to 1946, as originally published, have been similarly revised by the Office of Business Economics to include liners for gypsum and plaster board in paperboard instead of in building board. However, stock for building board, which is not shown separately in the original reports prior to 1946 (except in the total for 1945), is included in building board through 1945. Wet-machine board, included here in paperboard, comprises binders' board, shoe board, and other wet-machine board. Building board, beginning 1946, covers only the solid or homogeneous types of wallboard, insulating board, and flexible wood-fiber insulation. Earlier data include also stock for building board as indicated above. Laminated and similarly fabricated building boards and gypsum and plaster boards are not included in this class of primary building boards. Comparable data for building board and paperboard are not available prior to 1942 because of changes in the classification and also considerable undercoverage in the data for building board prior to 1941.

The paper total covers all grades, including newsprint and building paper. As indicated in note 3 following, the data shown on this page and on pages 174 and 175 for paper production, excluding building paper and newsprint (compiled by the American Paper and Pulp Association) are in agreement with production data compiled by the Bureau of the Census, except for certain adjustments for changes in the individual classifications. The Association data therefore provide a partial breakdown of the paper total shown here. The newsprint production figures shown on p. 175 similarly are approximately the same as newsprint figures compiled by the Bureau of the Census.

Quarterly data for 1942 and monthly data for 1943-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

³ Compiled by the American Paper and Pulp Association. Data are estimated industry totals based on monthly reports to

the Association adjusted to 100-percent coverage on the basis of production data compiled by the Bureau of the Census annually for 1935-43, and monthly thereafter. Figures for the latest month published currently in the monthly SURVEY are preliminary estimates by the Association and are adjusted the following month to Census data. Beginning 1941 the production figures are entirely in agreement with Census figures except that a comparatively small amount has been transferred from fine paper to printing paper for 1942-44 in accordance with a revision in the classification made by the Bureau of the Census in the figures beginning 1945. Certain adjustments have been made in the Census figures prior to 1941 to make the data comparable with classifications beginning that year. The content of the classifications and adjustments in Census data are explained below.

"Fine paper" includes writing paper (rag and chemical - wood pulp writing paper), cover and text paper, Bristols, and thin paper (carbon, cigarette, condenser, etc.). Bristols, text and cover paper, and thin paper were classified under paperboard, book paper, and tissue paper, respectively, in Census reports prior to 1941 and Census production figures for fine paper for 1935-40 were therefore revised by the Association to include these items. Production of text and cover paper and Bristols for 1936 and 1938 and of thin paper prior to 1939 was estimated by the Writing Paper Association, since these items were not shown separately in Census reports for the indicated years. The Association made an adjustment also in the Census figures for writing paper for 1938 and a small adjustment in the figures for Bristols for 1939. Writing paper accounts for around four-fifths of the fine paper group.

"Printing paper" includes book paper and groundwood printing and specialty paper. Book paper constitutes about three-fourths of the group. Groundwood papers were not completely segregated in Census reports prior to 1937 and were estimated by the Groundwood Paper Association. Adjustments were made also in the Census figures for groundwood paper for 1937-40 to include some amounts included with miscellaneous paper in Census reports. The Census figures for book paper were revised to exclude cover and text papers which were transferred to printing paper as explained above.

"Coarse paper" (unbleached kraft and other wrapping, bag, and converting paper, shipping sack, and glassine, greaseproof, and vegetable parchment) represents, beginning 1941, the series formerly shown as wrapping paper revised to exclude special industrial paper. (Production of special industrial paper averaged 240,692 tons a year for 1943-46.)

"Total paper, excluding newsprint and building paper," includes miscellaneous papers which are not shown separately, in addition to fine, printing, and coarse paper. The totals are in agreement with the corresponding totals from Census reports except that Bristols, allocated to paperboard prior to 1941, have been added to the 1935-40 Census figures for paper (see also fine paper above).

The approximate coverage beginning 1941 of the data reported monthly to the Association which are used as the basis for estimating the monthly industry totals is as follows: Fine paper, 68-72 percent (except for 1947-48 when percentages are 76 and 75, respectively); printing paper, 82-90 percent; coarse paper, 87-89 percent (for 1948, 92 percent); total paper, excluding newsprint and building paper, 81-88 percent.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT, except for total paper for 1942-43 and fine paper for 1942 which have been adjusted to Bureau of the Census quarterly figures. Data shown in the 1942 volume are reported figures and are not comparable with the industry totals shown in later issues. Monthly figures for 1934-40 and figures for the substituted series on coarse paper beginning 1941 are available upon request.

⁴ The average for 1941 comparable with earlier years is 1,424,424 tons (see note 2 above).

⁵ Based on annual total which includes revisions not available by months.

⁶ Beginning January 1946, data for laminated wallboard stock and other building-board stock are classified under paperboard; for the earlier years these data are included in figures for building board. Monthly averages for 1945 comparable with figures for 1946 are as follows (in short tons): Paperboard, 668,242; building board, 74,569.

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¹ See note 3 for p. 173.

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data are averages of weekly prices and repre-

sent prices for uncoated book, "B" grade, English finish, white, freight allowed, Zone 1. Beginning February 1947, quotations are for the imperial English finish; this grade is priced slightly higher than the grades formerly included but which are no longer manufactured. The price for the former series for February 1947 is \$9.68 per 100 pounds and for March-June 1947, \$9.80; the March-June 1947 price for the new grade is \$10.05.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1936-40 for the former series and monthly averages prior to 1935 for a slightly different series for book paper appear in the 1942 and 1940 SUPPLEMENTS. The note in the 1942 volume contains a description of the earlier series and monthly figures for 1935 for both series.

³ Data beginning February 1947 are not strictly comparable with earlier figures; see note 2 above.

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¹ See note 3 for p. 173.

² Compiled by the *Newsprint Service Bureau* and the *Newsprint Association of Canada*. The data cover practically the entire industry for both Canada (including Newfoundland) and the United States.

On the basis of comparisons of production figures for the United States with data compiled by the *Bureau of the Census* (in the *Census of Manufactures and surveys of paper and paperboard mills*), the Association data cover about 96 percent of the entire production of newsprint in the United States for 1935 and 1940, 98 percent for 1936, 1939, 1942, and 1949, 97 percent for 1937 and 1941, 99 percent for 1938, 1943, and 1947-48, and practically 100 percent for 1944-46 and 1950. Through December 1935, United States shipments represent only paper moved in the given period and stocks are for tonnage at the mills; beginning January 1936 for the United States and a year earlier for Canada, shipments include all tonnage invoiced whether or not movement has occurred, and stocks include supplies in destination warehouses.

Monthly data for 1937-46 for Canada and Newfoundland combined are shown on pp. 22 and 23 of the May 1950 SURVEY (adjusted stocks, at mills, end of December 1946, 146,524 tons); monthly figures for 1935-36 are available upon request. Monthly data for 1941-46 for United States and Canada (excluding Newfoundland) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1936-40 are available in the 1942 and 1940 volumes (revisions for Canada, in short tons, December 1937—shipments, 345,405; stocks, 52,854; January 1938—shipments, 168,960). Earlier monthly data are shown in the 1938, 1936, and 1932 SUPPLEMENTS and are correct except for minor revisions.

³ Compiled by the *American Newspaper Publishers Association*, based on reports from 422 publishers representing 525 newspapers beginning 1942 and 421 publishers representing 524 newspapers for 1941. The number of newspapers represented is not available for earlier years. Data for 1940 were reported by 421 publishers and for 1935-39 by 431 publishers. The comparability of the series is not affected by the change in the number of publishers between 1939 and 1940 as the difference between the figures for the two groups in 1939 was less than 0.2 percent. According to the Association, consumption by these publishers in 1935-36 accounted for approximately 80 percent of all newsprint consumed; 1937-40 and 1949-50, 77 percent; 1941-43 and 1947, around 75 percent; 1944 and 1946, 73 percent; 1945, 70-71 percent; and 1948, 78 percent.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1936-40 appear in the 1942 and 1940 volumes. For earlier monthly data for consumption, see table 6, p. 10, of the March 1940 SURVEY and for stocks, table 74, p. 20, of the September 1938 SURVEY. An error in the note in the latter issue is explained in the 1942 SUPPLEMENT note.

⁴ Data beginning 1941 exclude "special industrial paper" and are not comparable with those for earlier years. See fourth paragraph of note 3 for p. 173.

⁵ Based on annual total which includes tonnages not reported monthly.

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¹ Compiled by the *U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce* through April 1941 and *Bureau of the Census* subsequently. Data cover standard newsprint paper and are imports for consumption. Monthly data for 1941-46 are

shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures for 1938-40 appear in the 1942 volume; earlier monthly data are in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revisions are as follows: 1931—April, 175,516 short tons; June, 190,919; 1946—December, 319,072.) Data prior to 1934 are general imports.

² Compiled by the *U. S. Department of Labor, Bureau of Labor Statistics*. Prices are averages of Tuesday quotations for standard newsprint, rolls, contract price, New York basis, freight allowed. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1926-34 and monthly data for 1938-40 are in the 1942 volume.

³ Based on weekly data compiled by the *National Paperboard Association*. The weekly data are compiled from reports of the member companies representing at present approximately 85 percent of the industry, and are advanced to industry totals on the basis of annual reports obtained by the Association from practically all mills known to be producing paperboard. The monthly figures shown for orders and production represent calendar month totals computed by the Office of Business Economics from the weekly data by prorating figures for weeks falling in 2 months. Figures for percent of activity are averages of weekly percentages for 4- and 5-week periods, weeks ended on the 1st, 2d, and 3d of the month being included in the average for the preceding month as in the Association's reports for 4- and 5-week periods. Unfilled orders are as of the end of the 4- and 5-week periods covered by the percentages. The data cover all production of paperboard machines, including all boards used by fabricators of corrugated and solid fiber shipping cases, which in some instances fall as low as 0.008 or 0.009 of an inch in thickness, and boards used for folding and set-up boxes and specialties. Building boards are not included, although there is included some board which is subsequently fabricated into building board (for example the liner board used in making gypsum plaster board). Percent of activity is computed from inch-hours which take into account machine widths (based on last dryer width) and hours of operation. A 6-day week of continuous operation is taken as 100-percent activity.

For 1946-50, total production of paperboard as compiled by the Association varies by less than 2 percent from figures for the paperboard classification of the *Bureau of the Census* as revised beginning 1946. "Paperboard" from the latter source as shown on p. 173 includes, however, wet-machine board which is not included here. There are further differences between the two series for earlier years, largely because paperboard figures from the *Bureau of the Census* exclude through 1945 stocks for building board which are included in Association data.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1938-40 are in the 1942 volume. Monthly data for 1936-37 are available upon request.

⁴ Compiled by the *Fibre Box Association* beginning 1940 and by the *National Container Association* for earlier years. Data are estimated industry totals based on monthly or weekly reports of member companies advanced to 100 percent on the basis of the coverage indicated by annual totals obtained by the Association in a census of all box mills. The reported data represented 80 to 90 percent of the totals for 1935-39, 65 percent for 1940, 80 percent for 1941, and 85 to 92 percent for later years. For 1935-39, calendar-month figures were reported by the compiling agency. Beginning 1940 the monthly figures are based on weekly data, prorating figures for weeks falling in 2 months on the basis of a 6-day week (5-day week if July 4 or Labor Day fall in the week prorated). Data are expressed in terms of surface area of corrugated and solid fiber containers, including area of interior packings.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1934-40 appear on p. 20 of the September 1944 SURVEY.

⁵ Compiled by the *Folding Paper Box Association* from reports of companies representing from 45 to 50 percent of the industry for the years 1937-45, and 52-56 percent in 1946-50. Indexes are computed by the link chain method based on comparisons for identical companies. Indexes for the current year are computed by the Office of Business Economics from percentage change from corresponding month of preceding year given in the reports and are subsequently checked to figures shown in the Association's yearbook.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revision: October 1946 shipments index, 408.9). Monthly figures for 1936-40, also

earlier annual figures beginning 1927 for the index of shipments, are available upon request.

⁶ Compiled by the *Publishers' Weekly*. Data are based on reports from publishers, numbering over 800 in 1946-47 and 1949-50 and over 900 in 1948. In order to assure as complete a coverage as possible, the records of the compilers are checked against book reviews and notices, and also against the card index of the Library of Congress. Only books are included; pamphlets, theses, and reports are excluded. Reprints, in the sense of reprints with no change whatsoever, are not included. However, popularly priced editions in reprint series, usually done by a different publisher from the original, are included.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier monthly figures, except for a few minor revisions are shown in the 1942, 1940, 1938, 1936, and 1932 volumes.

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¹ Compiled by the U. S. Department of Commerce (*National Production Authority* beginning September 1950 and *Bureau of Foreign and Domestic Commerce* for April 1947-August 1950); by the *Civilian Production Administration* and predecessor agencies for June 1941-March 1947; and by the U. S. Department of Commerce (*Bureau of Foreign and Domestic Commerce*) and the *Rubber Manufacturers Association, Inc.*, for the earlier period. The data include crude rubber and natural latex, reported on the basis of estimated dry-weight content, and guayule. Gutta balata, gutta-percha, gutta-siack, and gutta-jelutong-pontianak are not included.

Consumption figures represent consumption by all rubber users. For July 1941-June 1947, consumption data are based on complete reports. Beginning July 1947, consumption data are estimated totals based on samples representing almost the entire industry. Earlier consumption figures are based on monthly reports to the *Rubber Manufacturers Association*, from both member and nonmember companies, adjusted to industry totals on the basis of annual surveys of the rubber industry by the *Bureau of Foreign and Domestic Commerce*. The reported monthly figures for this earlier period represented 90-98 percent of the totals.

Stock figures relate to total industry stocks on hand and, for the period from December 1939 through June 1947 (shown in the monthly SURVEY), also Government stocks. The figures beginning July 1947 represent estimated total stocks based on reported stocks available to industry, but do not include Government strategic stocks. Stock figures beginning 1941 were calculated from the difference between imports plus a small amount of guayule produced in the United States in 1943-46 (359, 130, 536, and 12 tons) and consumption plus reexports, and were periodically adjusted to reported stocks. Prior to 1941, year-end stocks were derived from annual surveys by the *Bureau of Foreign and Domestic Commerce*, and data for other months were calculated from the year-end figures by adding imports and deducting consumption and reexports.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT; notes 1 and 11 for p. 160 of that volume give information on the coverage of the reported data for individual years prior to 1941 and the method of adjusting the data to industry totals. Monthly data for 1934-37 for consumption and 1924-37 for stocks are available in the 1940, 1938, 1936, and 1932 SUPPLEMENTS (revision for stocks, March 1924, 72,576 long tons). Monthly data for consumption shown in the 1936 SUPPLEMENT have been revised and consumption figures in the 1932 volume are reported data instead of industry totals. Monthly consumption figures for 1924-33 raised to industry totals are available upon request.

² Compiled by the U. S. Department of Commerce, *Bureau of Foreign and Domestic Commerce* through April 1941 and the *Bureau of the Census* thereafter.

Data for natural rubber represent imports for consumption of crude rubber and milk of rubber, or latex (dry rubber content), including guayule rubber. Balata, jelutong, pontianak, gutta-percha, and other guttas are not included. Quantities are reported with no allowance for shrinkage which was of negligible importance prior to 1943 and after 1945, but was significant in 1943-45 because of the increase in imports of nonplantation rubber which requires washing. Shrinkage was estimated by the *Civilian Production Administration* to reduce the 1943-46 totals by the following amounts: 1943, 8.8 percent; 1944, 5.5 percent; 1945, 6.7 percent; 1946, 1.3 percent. Re-exports of rubber are comparatively small. Monthly average

reexports for 1941-50 are as follows (long tons): 1941, 448; 1942, 905; 1943, 1,882; 1944, 812; 1945, 792; 1946, 643; 1947, 343; 1948, 556; 1949, 521; 1950, 650.

Monthly figures for natural and chemical rubber for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (1946 revisions for natural rubber are as follows, in long tons: August, 45,404; October, 46,339; November, 54,849). Monthly averages for 1913-34 and monthly figures for 1936-40 for imports of natural rubber are available in the 1942 and 1940 SUPPLEMENTS and earlier monthly figures beginning 1913 appear on p. 18 of the May 1940 SURVEY.

The 1941 and 1942 figures for chemical rubber exports (inadvertently omitted in the 1947 and 1949 SUPPLEMENTS) represent allocations for export as reported by the War Production Board. Imports, which are not shown here, are small; monthly averages for 1944-50 are as follows (long tons): 1944, 849; 1945, 944; 1946, 626; 1947, 112; 1948, 1,306; 1949, 1,437; 1950, 2,144. There were no imports prior to 1944.

³ Compiled by the *Rubber Trade Association of New York, Inc.*, through January 1942. Thereafter, through March 1947, the United States Government was the sole purchaser of natural rubber and the price shown is the Government base selling price. The Government price was fixed at \$0.225 in 1941 and continued at this figure until January 13, 1947, when it was raised to \$0.2575. There was a free market after April 1, 1947, and prices shown beginning that month (compiled by the U. S. Department of Labor, *Bureau of Labor Statistics*) are spot market prices at New York. However, the Government continued to sell rubber at \$0.2575 in April and early May 1947.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1921 and monthly figures for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Compiled by the U. S. Department of Commerce (*National Production Authority* beginning September 1950 and *Bureau of Foreign and Domestic Commerce* for April 1947-August 1950); and by the *Civilian Production Administration* and predecessor agencies prior to April 1947. All data are industry totals and include GR-S, neoprene, butyl, and butadiene-acrylonitrile. Production for the entire period and consumption and stocks through August 1945 are based on complete reports; thereafter, consumption and stocks are based on samples representing almost the entire industry and are adjusted to complete coverage. Stock figures include Government and industry stocks for the entire period. Stocks shipped for export but not cleared are not included. Prior to July 1947, stocks were calculated from new supply (production plus a small amount of imports beginning 1943), consumption, and exports, adjusted periodically to reported inventories. Beginning July 1947, figures represent estimated total stocks based on reported stocks.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (December 1946 revision for stocks, 115,186).

⁵ Compiled by the U. S. Department of Commerce (*National Production Authority* beginning September 1950 and *Bureau of Foreign and Domestic Commerce* for April 1947-August 1950); by the *Civilian Production Administration* and predecessor agencies for January 1941-March 1947; and by the *Rubber Manufacturers Association, Inc.*, and the U. S. Department of Commerce (*Bureau of Foreign and Domestic Commerce*) prior to 1941. Data include only natural rubber reclaim prior to 1944 and both natural and synthetic rubber reclaim subsequently. Synthetic reclaim operations were not available, nor were they sizable, prior to 1944. Consumption and production for April 1942-August 1945 and later production data are as reported by all companies; data for the earlier period and consumption data beginning September 1945 are based on monthly reports, representing a large proportion of the industry, adjusted to complete coverage. The reported data for consumption beginning September 1945 represent over 90 percent of the industry total. For July 1941 to March 1942 reported figures were raised 1 to 2 percent, to allow for nonreporting companies; earlier 1941 figures were estimated from incomplete reports to the *Rubber Manufacturers Association*. Stock figures for 1941-June 1947 are calculated from consumption, production, exports, and imports and are adjusted periodically to reported inventories, representing complete coverage. Beginning July 1947, stocks represent estimated total stocks based on reported figures.

Consumption and stocks prior to 1941 were based on monthly reports to the *Rubber Manufacturers Association*, accounting for 70 to 85 percent of the totals, adjusted to complete coverage by the Association beginning May 1938 and by the *Bureau of Foreign and Domestic Commerce* for the earlier period, on the basis of annual surveys of the industry by the latter

agency. Annual production figures prior to 1941 were derived from changes in stocks, amounts consumed, and amounts exported and imported; monthly figures reported to the Rubber Manufacturers Association, representing 95 to 100 percent of the industry, were adjusted to these annual totals. Information on the coverage of the reported monthly data for individual years prior to 1941, and the method of adjusting these data to industry totals are given in the 1942 SUPPLEMENT in notes 1 and 12 for p. 160.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1932-40 (except for 1932 revisions in production) are available in the 1942, 1940, 1938, and 1936 SUPPLEMENTS. Data shown in the 1932 SUPPLEMENT are reported data instead of industry totals. Monthly figures prior to 1933 for production and prior to 1932 for consumption and stocks are available upon request.

⁶ The monthly averages for consumption and production are based on annual totals; stock figures are for December 31. The 1939-41 data, with the exception of production for 1939 and 1940, are estimated.

⁷ Includes small adjustment (+123 tons for chemical and -216 for reclaimed rubber).

⁸ Includes inventory adjustment of +1,565 tons.

⁹ Includes an adjustment of +5,384 tons.

¹⁰ Data for indicated months include inventory adjustments as follows: 1947—March, +5,739 tons; April, +1,030 tons; May, +1,389 tons; June, +792 tons.

¹¹ Beginning July 1947, data are estimated total stocks; see note 1 for this page.

¹² Beginning July 1947, data are estimated total stocks based on reported stocks.

¹³ Includes 120 tons of latex coagulum, declared scrap.

¹⁴ Includes year-end adjustment of +3,863 tons.

¹⁵ Includes year-end adjustment of -2,087 tons.

¹⁶ Includes year-end adjustment of -8,200 tons.

¹⁷ Includes year-end adjustment of -12,336 tons.

¹⁸ Includes year-end adjustment of -2,300 tons.

¹⁹ Includes year-end adjustment of +5,280 tons.

²⁰ Includes year-end adjustment of -2,209 tons.

²¹ Includes year-end adjustment of +1,987 tons.

²² Includes year-end adjustment of +278 tons.

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¹ Compiled by the Rubber Manufacturers Association, Inc.

All data are 100-percent industry totals, based on monthly and quarterly reports from manufacturers accounting for a large proportion of the industry; estimates are included for nonreporting companies. The reporting companies accounted for 91-94 percent of total production for 1941-43, and the entire production of casings and 92-98 percent of the production of inner tubes for later years. The estimates were adjusted by the Association to biennial Census of Manufactures data through 1939. Beginning 1940, the monthly estimates were adjusted to reported annual totals. Figures cover only automotive casings and inner tubes; they do not include data for solid rubber tires or pneumatic tires for motorcycles, bicycles, and aviation, industrial, and agricultural equipment.

Total shipments include all shipments to purchasers from factories, regional branches, and sectional warehouses, except shipments to other tire manufacturers (inter-manufacturers purchases), and, beginning 1944, also transfers to company-owned stores. Tires on consignment are included in shipments at the time they are sold, and contract mileage tires at the time they are shipped to the account or servicing point. Shipments to factory warehouses are not included. Shipments for original equipment represent shipments to vehicle manufacturers for original equipment.

Export shipments are those reported by manufacturers and cover new tires only. From 1941 until the end of the war, the Association reported lend-lease shipments as replacements instead of shipments for export, except that from late 1943 until the end of 1945 orders placed by the Office of Economic Warfare (formerly Foreign Economic Administration) were classified under exports. It is stated by the Association that companies were requested to conform to the export definition of the Government and to consider shipments to Alaska, Hawaii, and Puerto Rico as domestic business but that one or two companies reported shipments to those areas in exports. Inconsistencies in data for export shipments have a bearing on the accuracy of the figures for replacement sales, which represent total shipments less shipments for export and for original equipment.

Export shipments as reported by the Association differ from export statistics of the U. S. Department of Commerce shown in the last column, which cover total exports to foreign countries (including lend-lease shipments), based on declarations of all exporters, and include used and retreaded tires as well as new tires.

Stock figures include quantities held at factory, regional branches, and sectional warehouses and consigned stocks, as well as those in transit between such points, and, prior to 1944, stocks of company-owned stores. Stocks purchased from other manufacturers are included. The change beginning 1944 in the treatment of transfers to company-owned stores (whereby these transfers were considered sales and stocks at company-owned stores were excluded from inventories) was made to coincide with the control plans of the OPA Rationing Board.

During 1942, Government restrictions required vehicle manufacturers to return excess stocks and exporters to return some stocks originally intended for shipment to foreign customers. Dealers also made large returns of stocks to manufacturers under a Government-sponsored program. The shipments figures are not adjusted for such returns. As a result, there are distortions in the data and it should be noted that inventories increased in some months out of all proportion to production (see the 1947 STATISTICAL SUPPLEMENT for 1942 monthly data). The Association cautions that, because of considerable confusion in the industry in 1942, figures for that year should not be used to indicate trends.

Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1936-40 for all series, except shipments of casings for export and for replacement equipment, are available in the 1942 and 1940 SUPPLEMENTS; earlier monthly figures for production, total shipments, and stocks are on pp. 16-18 of the May 1939 SURVEY. Export data shown in these volumes are exports as reported by the U. S. Department of Commerce (see explanation of the data above) plus shipments to Alaska, Hawaii, Puerto Rico and, beginning 1935, Virgin Islands; while replacement shipments are total shipments less these export figures and shipments for original equipment. However, for most years, these data for exports and replacement shipments do not vary significantly from the export and replacement shipments reported by the Association. Annual data back to 1910 and monthly figures beginning 1921 for export shipments and replacement shipments, as reported by the Association, are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and the Bureau of the Census thereafter.

Data for exports of tires and tubes cover only automotive tires and tubes, including used and retreaded tires as well as new tires. They do not include exports of solid and cushion tires, or airplane, bicycle, motorcycle, tractor, and farm implement tires. The data shown beginning with the 1947 SUPPLEMENT include only shipments to foreign countries and therefore differ from export figures shown in earlier SUPPLEMENTS which include shipments to Alaska, Hawaii, and Puerto Rico and, beginning 1935, Virgin Islands. Monthly figures for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1924-40 comparable with the figures shown here are available upon request.

³ Beginning July 1950, data exclude "special category" exports not shown separately for security reasons.

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¹ Compiled by the Coated Abrasives Association (formerly called the Abrasive Paper and Cloth Manufacturers Exchange) from reports of 7 manufacturers. Data are estimated by the Association to represent about 94 percent of the industry at present. The totals given include the domestic shipments of garnet, emery, flint, and artificial (silicon, carbide, and aluminum oxide) paper, cloth, and combinations. Figures are stated in equivalent reams, 9 by 11 inches.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1919-34 and monthly data for 1938-40 are available in the 1942 volume. Monthly figures for 1923-37 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS.

² Compiled by the U. S. Department of the Interior, Bureau of Mines. The coverage of the monthly figures on operations is practically complete, according to annual figures of the compiling agency. Clinker cement is unground cement; data for production of clinker cement are available in the original reports.

Beginning January 1940 and September 1942, data for two plants in Puerto Rico are included; also, one new plant in Hawaii started operation in September 1944 but was dismantled in December 1946. New plants, using the wet-process method and located in Colorado, Utah, and South Carolina, started operations in June, October, and December 1948, respectively. Another new plant in Texas was added in March 1950 and a plant in New York was dismantled toward the end of 1950.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 (except stocks of clinker which begin 1923) and monthly figures for 1938-40 are available in the 1942 volume. Monthly figures for 1923-37 are shown in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. Monthly data back to 1915 for the items for which data are presented prior to 1923 appear on p. 47 of the September 1923 SURVEY. These figures are correct except for the December 1922 stock figure, which should read 9,352,000 barrels instead of 9,134,000.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data include unglazed common and face brick and are based on reports received from all known manufacturers.

Comparable monthly data for production for 1943-46 and shipments for September 1942-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

An earlier series for shipments and stocks compiled by the Bureau of the Census for a smaller number of companies is available for January 1941-September 1942; a 1-month overlap with the present series is thus provided.

⁴ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent the wholesale price of common building brick, f.o.b. plant, and are averages of approximately 50 quotations, monthly from manufacturers. It should be noted that brick prices vary considerably in different parts of the country, and that the series shown here is only indicative of the trend.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly figures for 1932-40 and monthly averages for 1931-34 for this series and for 1919-30 for an earlier series (based on 82 quotations) are available in the 1942, 1940, 1938, and 1936 SUPPLEMENTS. The 1931 average for the series based on 82 quotations is \$12.396.

⁵ Compiled by the U. S. Department of Commerce, Bureau of the Census. The monthly series are based on reports received from all known manufacturers. The 1935-39 figures for production are from reports of the Biennial Census of Manufactures for 1935, 1937, and 1939 and the Census of Clay Products Manufactures for 1936. The 1940 figures are estimated industry totals based on data (for about 94 percent of the industry) from the 1940 Census of Clay Products Industries. Production figures for 1935-40 are monthly averages computed from annual totals.

Monthly data for production for 1943-46 and shipments for September 1942-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁶ Compiled by the U. S. Department of Commerce, Bureau of the Census. The data cover all known manufacturers. There are no comparable earlier data.

Monthly data for production for 1943-46 and shipments for September 1942-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁷ Average for 4 months, September to December.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census, since October 1945; prior to that date by the Glass Container Association and the Glass Container Manufacturers Institute through 1944 and the War Production Board during January-October 1945. Data cover all known manufacturers but, prior to 1945, include (except for stocks figures through 1943) estimates for two small companies that did not report. The omission of the stocks data for these two companies prior to 1944 does not appreciably affect the comparability of the stocks data. There were 35 reporting companies in 1945 and 1946, 38 in 1947, 36 in 1948, and 32 in 1949 and 1950.

The principal types of containers included in the various classifications are as follows: (1) Narrow neck food—catsup, noncarbonated fruit juices, tomato juice, vinegar, salad dressing; (2) wide mouth food (packers' ware)—candies, jellies, jams, mayonnaise, meats, mustard, olives, peanut butter, pickles, spaghetti; this classification includes packers' tumblers which are approximately the same as the item formerly called "pressed food ware" and reported separately in the 1942 SUPPLEMENT; (3) beverages—primarily nonalcoholic carbonated bev-

erages, noncarbonated soft drinks, and chocolate milk; prior to 1948, data represent returnable containers (except in 1944 when the data include a small amount of nonreturnable containers); beginning 1948, figures for most months include both returnable and nonreturnable containers; (4) beer bottles—returnable and nonreturnable containers for beer, ale, and other alcoholic carbonated cereal beverages; (5) liquor and wine—alcoholic beverages except carbonated cereal beverages; (6) medicinal and toilet—all containers for pharmaceutical and toilet purposes except where otherwise specified; (7) chemical, household and industrial—carboys, flower pots, inks, paints, table cream 1- and 2-ounce jars, and miscellaneous items not elsewhere classified; (8) dairy products—milk, cream, malted or chocolate milk bottles used by dairies; (9) fruit jars and jelly glasses—all wide-mouth containers and jelly glasses for home preserving. In the 1942 SUPPLEMENT, the "pressure and nonpressure" group is the same as the beverage classification described above; the "general purpose" class includes the data covered by (7) above; and the dairy-products group shown since the 1942 SUPPLEMENT was formerly called "milk bottles."

Current data as reported to the Census Bureau include a breakdown of production and stocks by type of container similar to the classes shown here for shipments. Production and shipments represent a continuation of the revised data published beginning with the 1947 SUPPLEMENT; the revisions have been made to include estimates for two small companies and to distribute by separate classifications the shipments data reported by West Coast manufacturers.

Monthly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Revised monthly figures for 1940 and annual figures beginning 1932 for production and 1928 for shipments are available upon request. There have been no revisions in the stock figures for 1938-40 published in the 1942 volume.

² Compiled by the American Glassware Association. Data on tumblers cover only machine-made drinking tumblers and packers' tumblers designed for reuse by consumers, including automatic pressed, automatic press-blown, and automatic blown paste mould tumblers of all sizes, and also a small number of miscellaneous items, such as goblets, footed wine glasses, mugs, etc. The figures for tumblers beginning 1944 are based on reports of 8 companies which accounted for 95 percent of total shipments of these products in 1945, according to data compiled by the Bureau of the Census. The coverage as indicated by Census data declined to 86 percent for 1946 and increased to 94 percent in 1947; however, the Census figures for these years include semi-automatic as well as automatic glassware and there may be other differences that affect comparisons of Association data with these figures. Packers' reuse tumblers produced by firms manufacturing chiefly glass containers are excluded from these data. Data prior to 1944 cover 6 companies which accounted for 90 percent of production by all companies in 1939, 93 percent in 1937, and 95 percent in 1935, as indicated by information from the Census of Manufactures for the respective years. Ratios of data for 6 companies to data for 8 companies for 1944 are as follows: Production, 96.7; shipments, 96.6; stocks, 99.1. There are substantial inconsistencies in the stock figures for tumblers from the middle of 1941 until the latter part of 1942, apparently resulting largely from corrections in shipments data originally reported with no corresponding correction in stocks. The December 1942 stock figures were corrected to include inventory adjustments.

The data for machine-made table, kitchen, and household ware include transparent and opaque cups, saucers, plates, dishes and all other tableware (all sizes), console bowls, jugs (pressed or blown), hostess trays, syrup jugs, oil bottles, mustard jars, candlesticks, ash trays, cigarette boxes, ice tubs, decanters, cookie jars and covers, candy jars, cocktail shakers, graduates, salad bowls, percolator tops, refrigerator and utility jars and covers, lemon and orange reamers, measuring cups, water bottles, jello moulds, mixing bowls, ice box butters, reamer jugs, graduate jugs, drip jars and covers, utility bowls and covers, and castor cups. These data are compiled from reports of 7 companies through 1946, and 8 companies for 1947-50, estimated by the Association to account for about 92 percent of shipments of these products in 1945 and 90 percent in 1947. Comparable figures are not available prior to 1944; an earlier series for 5 companies published in the 1942 SUPPLEMENT and in the monthly SURVEY through the February 1946 issue is not included here because the comparability of the data was materially affected by the inclusion of reports for the 2 additional companies and there was no consistent re-

lationship throughout 1944 between data for the 5 companies and the 7 companies included through 1946.

Monthly data for tumblers for 1941-46 and table, kitchen, and household ware for 1944-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for tumblers for 1939-40 are available in the 1942 volume.

³ Jelly glasses included with wide-mouth food containers.

⁴ Represents average based on the total number of wide-mouth food containers and the number of fruit jars and jelly glasses shipped during the year, rather than average of monthly figures shown.

⁵ Data for both fruit jars and jelly glasses are included with those for wide-mouth food containers.

⁶ Represents average of monthly figures shown, which include data for jelly glasses for January, February, and July and for both jelly glasses and fruit jars for October-December.

⁷ Average for 9 months, January-September; based on figures shown, which include data for jelly glasses for January, February, and July.

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¹ Compiled by the U. S. Department of the Interior, Bureau of Mines, except imports which are compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data for imports are imports for consumption. The Bureau of Mines figures cover all primary gypsum producing and processing companies and, except as indicated below for gypsum products, are based on quarterly reports.

Data on production of crude gypsum cover 98 to 100 percent of the industry; the figures exclude byproduct gypsum. Data on calcined gypsum include production from domestic, imported, and beginning with 1938, byproduct crude, and represent complete coverage beginning 1938; for the earlier years they cover 98 to 99 percent of the industry.

Data on gypsum products beginning 1938 are based on quarterly reports (except data for "industrial plasters" which are based on annual data for 1938) covering total sales of calcined products and 95 to 100 percent of sales of uncalcined products. The quarterly averages for 1935 through 1937 are computed from annual totals that represent complete coverage of the market for uncalcined and calcined gypsum products. Sales by processing companies that use byproduct crude or that do not mine or calcine gypsum are included for all years and adjustments made for changes in the classifications used in the different canvasses to make statistics for the earlier years comparable with data currently reported. Data for lath, tile, and wallboard for 1935 and 1936 are partly estimated.

Uncalcined gypsum products include Portland-cement retarder, agricultural gypsum, gypsum for use as filler and rock dust in brewers' fixe, color manufacture, and for unspecified minor purposes. Industrial plasters include plasters sold to plate-glass, terra-cotta, and pottery works and orthopedic, dental, and all other plasters sold for industrial or manufacturing uses; "other building plasters" includes plasters sold to mixing plants, and ready-sanded, gauging, molding, prepared finishes, and miscellaneous building plasters. Tile includes partition, roof, floor, soffit, shoe, and all other gypsum tile and planks. Wallboard includes sheathing and all other gypsum board and, beginning September 1942, includes laminated board reported as area of component board. Laminated board was first marketed in 1942.

Quarterly data for 1941-46 are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Quarterly averages for 1928-34 for all the series (except calcined production data which began in 1930 and basecoat plasters which are included with "all other building plasters" for 1928-30) and quarterly data for 1938-40 are available in the 1942 SUPPLEMENT. Quarterly figures for 1933-37 are shown in the 1940 and 1938 volumes. The descriptive note in the 1940 SUPPLEMENT explains the coverage and limitations of these earlier quarterly data on gypsum products.

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¹ Compiled by the National Association of Hosiery Manufacturers. Data are estimated industry totals. Since the fall of 1935, the estimates are based on monthly reports of member and nonmember concerns which account for approximately 80 percent of the total industry; in addition, annual reports of production for 1944 were obtained from a large proportion of the nonreporting mills and were used in computing final data

for that year. During the existence of the Hosiery Code Authority in the years 1934 and 1935, reports were received from 622 concerns operating 807 plants which accounted for 98 percent of the output of the industry.

Stocks include gray and finished hosiery at mills; they are currently computed from month-to-month changes in production and shipments, and are subsequently adjusted to semiannual surveys made by the Association to allow for intermill purchases, returned goods, etc. Included in the Association's reports are details for all series by type of hose and by fibers used. Beginning January 1950, figures for slipper socks are included for the first time; for 1950, this type amounted to less than .3 percent of the total. Annual reports include also a geographic distribution of production. The Association's figures for total production of hosiery are approximately in agreement with production reported in the Census of Manufactures for 1947. For this census, production data of women's full-fashioned hosiery reported to the Bureau differed by less than 2 percent from the figures summarized in the Association survey.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are published in the 1942 volume. Monthly data for 1934-37 are available in the 1940 and 1938 SUPPLEMENTS. Shipments for 1929-33 have been revised since publication in the 1938 volume and data in earlier issues are not comparable with data shown here.

² Compiled by the U. S. Department of Commerce, Bureau of the Census, based on reports obtained from ginneries. The Bureau of the Census reports cumulative ginnings in running bales for 12 specified dates during the cotton year—August 1, August 16, September 1, September 16, October 1, October 18, November 1, November 14, December 1, December 13, January 16, and total ginnings (preliminary figures) on March 20. A final report on total ginnings from the crop grown in the preceding year is issued in May. Total ginnings for the season are given in both running bales and equivalent 500-pound bales. The latter figures are derived from reported ginnings in running bales. A consolidated report issued by the Bureau of the Census and the Bureau of Agricultural Economics, U. S. Department of Agriculture, August to December inclusive, gives estimated total production in 500-pound bales; these estimates are published in the monthly SURVEY until total ginnings, converted to equivalent 500-pound bales, become available in March. As the weight of the running bale varies for different localities, as well as (to a lesser degree) from year to year (see note 6 for this page), running bales are converted to bales of uniform weight in order to measure more accurately the size of the cotton crop. Prior to 1945, bale weights for about half of the cotton crop were obtained from local weighers, merchants, and other handlers of cotton. For 1945, bale weights of the cotton ginned obtained directly from ginneries amounted to about 10 percent of the crop; for 1946, 15 percent; 1947, 7 percent; 1948, 5 percent; and for 1949, 8 percent. On the basis of these reports, weighted average bale weights were computed for each county and used to convert running bales to equivalent 500-pounds gross weight. County totals were added to obtain State and United States totals.

Monthly figures represent cumulative ginnings as of the end of the month specified (except the December 13 period, given here as of the end of December, and the January 16 period, given as of the end of January) for the cotton-ginning season; the March figure covers total ginnings from the crop grown in the preceding year. Annual figures represent total production or ginnings from the crop grown in the year shown.

Annual figures beginning 1913 and monthly data prior to 1945 for the selected reporting dates are available in the 1949, 1947, 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS. Figures for 1913-22 include small amounts of Lower California and Mexican cotton ginned in the United States. Figures for earlier years back to 1899 and also county and State data are given in the original reports of the Bureau of the Census.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports received from all establishments concerning raw cotton. A bale is considered to be "consumed" when it is opened at the mill. Beginning January 1950, data are for 4- and 5-week periods (earlier data are for calendar months), as follows: March, June, September, and November cover 5 weeks; other months, 4 weeks.

The monthly reports of the Bureau of the Census show total consumption by cotton-growing States, New England States, and "all other" States; separate figures for consumption of foreign cotton (Egyptian and other foreign) and American-Egyptian cotton; stocks in consuming establishments and in public storage;

the number of active spindles in operation; and imports and exports.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1913 and monthly data for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 volumes.

⁴ Compiled by the *New York Cotton Exchange*. Total stock figures shown here include ginned stock in all hands, both private and Government controlled, and also, for dates in harvesting periods, the unpicked portions of the current crop. The exchange uses figures compiled by the Bureau of the Census for stocks of American cotton in consuming establishments and in public storage and at compresses and for stocks of foreign cotton. Beginning 1950, the Bureau's cotton statistics are reported for 4- and 5-week periods, stock data are for end of period covered as follows: January 28, February 25, April 1, April 29, May 27, July 1, July 29, August 26, September 30, October 28, December 2, December 30. Figures are in running bales, counting round bales (produced prior to 1942) as half bales, except foreign cotton which has been converted to equivalent bales of 480 pounds net weight. Cotton held by the Federal Government on July 31, the end of the crop year, for 1946-50, respectively, is as follows (in thousands of bales): Stocks owned and "pooled" (cotton awaiting sale and on which loans have matured)—978; 44; 8; 0; 3,137; stocks held as collateral against loans to producers—209; 10; 17; 3,818; 403.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. (Revisions for August and November 1945, respectively, are as follows (thousands of bales): Total stocks—18,928; 16,060; total domestic stocks—18,811; 15,927; stocks on farms and in transit—9,256; 3,242. There are also other revisions of a minor nature.) Monthly averages prior to 1935 and monthly data for 1936-40 for domestic cotton are available in the 1942 and 1940 volumes; earlier monthly data beginning August 1925 are shown on pp. 15-16 of the August 1939 SURVEY (data for "public storage and compresses" and "consuming establishments" are designated "warehouses" and "mills," respectively). Monthly data prior to 1941 for stocks of foreign cotton in the United States and total stocks including foreign cotton, and monthly data prior to August 1925 for stocks in public storage, etc., and at consuming establishments, have not been published in the SURVEY and are available upon request.

⁵ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and the Bureau of the Census thereafter. Imports are imports for consumption. In the original reports, exports are given in detail by countries of destination, and imports by countries of origin. Imports are shown in the original reports in pounds but in this SUPPLEMENT and in the 1949 and 1947 issues have been converted to bales (through March 1946) by dividing by 478; they are therefore in bales of 478 pounds net, equivalent to bales of 500 pounds gross weight. Beginning April 1946, the bales (as reported by the Bureau of the Census) are of 480 pounds net. In SUPPLEMENTS prior to the 1947 issue, the data are in bales of 500 pounds net weight. Beginning 1947, data include shipments under the Army Civilian Supply Program (not previously available); such shipments amounted to 30,395 bales in 1947.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; revised export figure for August 1946, 413,095 bales. Earlier monthly averages beginning 1913 and monthly data for 1923-40 are published in the 1942, 1940, 1938, 1936, and 1932 volumes. Revisions for exports in 1940 are as follows (in bales): March, 426,942; April, 340,469; May, 212,323; June, 129,887. Data for imports should be converted to 500-pound gross weight bales, by multiplying by 1.046, to have figures comparable with those shown here. Figures for imports prior to 1934 are general imports. Linters are included in the January-August 1913 figures for exports, as separate data for linters are not available for this period.

⁶ Production of lint cotton is expressed in both running bales and equivalent 500-pound bales (gross weight), as indicated. All other figures are in running bales, except imports and stocks of foreign cotton which have been converted to bales of 480 pounds net (for the period January 1931-March 1946, bales of 478 pounds net), equivalent to bales of 500 pounds gross. Round bales (produced prior to 1942), included in running bales of lint cotton, are counted as half bales. The average gross weight of the running bale for recent crop years follows (pounds): 1941-42, 511.8; 1942-43, 515.3; 1943-44, 513.5; 1944-45, 516.5; 1945-46, 511.5; 1946-47, 507.2; 1947-48, 513.0; 1948-49, 509.9; 1949-50, 506.9. The average

gross weight of bales of lint cotton exported is slightly higher, averaging for crop years ended July 31 as follows (pounds): 1946, 517.7; 1947, 516.1. Part of the difference between these types is due to heavier wrappings and bindings for export and to the fact that the larger portion of export cotton comes from States in which bales average highest in weight. Beginning June 1947, the Bureau of the Census ceased publishing shipping weight statistics; data for the net weight of cotton exported exclude tare.

⁷ Total ginnings from crop grown in the year shown and not a monthly average.

⁸ Total ginnings from crop grown in preceding year.

⁹ Beginning 1950, data for consumption cover 4- and 5-week periods; stock data are for end of period covered—see notes 3 and 4 for this page.

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¹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics (farm prices) and Production and Marketing Administration (market prices). In computing the average price received by farmers, State prices received by farmers for all grades of lint cotton, as determined from reports of special price reporters, are weighted by monthly sales in each State to obtain a monthly average price for the United States. Prices are taken as of the 15th of the month. Annual figures shown here are unweighted averages of calendar-month prices; reports of the Department of Agriculture give a weighted crop-year average price.

Monthly data (in dollars per pound) for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for farm prices for 1928-34 and monthly data beginning 1934 through July 1937 are available in the 1940 and 1938 volumes (revised figure for May 1936, \$0.114); monthly figures for August 1937-December 1940 (revised since publication of the 1942 and earlier SUPPLEMENTS) are given in a note on p. S-35 of the June 1944 SURVEY. Data in the 1936 and 1932 SUPPLEMENTS and data prior to 1928 in the 1940 and 1938 issues are based on State prices weighted by production and are not entirely comparable with the current series weighted by sales. Monthly averages for all years shown in the 1942 SUPPLEMENT are weighted averages instead of simple averages of the monthly figures as in earlier and later volumes. Monthly data beginning August 1909 are available in the January 1946 issue of "Crops and Markets" published by the U. S. Department of Agriculture.

The 10-markets price represents the average spot price of middling 15/16-inch cotton in the following southern markets: Charleston (this market was substituted for Norfolk beginning August 6, 1941), Augusta, Savannah, Montgomery, New Orleans, Memphis, Little Rock, Dallas, Houston, and Galveston. The prices are computed from official daily quotations of cotton exchanges in the designated markets. Beginning August 1930, prices are as quoted on middling 15/16-inch. For the earlier period, the prices were computed by adding the monthly average premiums for 15/16-inch to the average price of 7/8-inch in the 10 markets, premiums for 4 markets (Norfolk, Augusta, Savannah, and Montgomery) being estimated.

Monthly data (in dollars per pound) for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1928-34 and monthly data for 1938-40 for the 10-markets price, and monthly averages for 1913-27 for the price in New Orleans, are available in the 1942 SUPPLEMENT. The note on the series in that volume explains the method of computing the 10-markets price for 1928-34 and gives a comparison between this series and the earlier New Orleans price. Monthly data for 1913-37 are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census. Linters are the short fiber obtained by the cottonseed-oil mills in delinting cottonseed. The quantity of linters obtained from a ton of cottonseed varies considerably. In recent years, the average quantity obtained has varied as follows (years ended July 31): 1939, 154 pounds; 1940, 160; 1941, 171; 1942, 186; 1943, 190; 1944, 184; 1945, 176; 1946, 182; 1947, 191; 1948, 186; 1949, 183; 1950, 176. Beginning 1950, data for March, June, September, and November cover a 5-week period and for other months, 4 weeks; data for prior years represent calendar months. Production figures are based on reports from all cottonseed-oil mills. It is probable that consumption figures include some motes, sweepings, etc.; production of such items in the 1948-49 season amounted to 54,129 equivalent 500-pound bales and in 1949-50 to 62,342 equivalent bales.

Data for stocks include stocks held in consuming establishments, in public storage and at compresses, and stocks at cottonseed-oil mills. Data do not include stocks held in private warehouses or by private individuals, stocks held at ports, and linters in transit. Data for the excluded items are available only as of July 31, and are partially estimated. Total stocks, including linters in transit, as of July 31 for recent years are as follows (in running bales): 1941, 787,398; 1942, 637,037; 1943, 739,114; 1944, 567,166; 1945, 378,551; 1946, 421,613; 1947, 356,986; 1948, 370,137; 1949, 494,502; 1950, 452,339.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are available in the 1942 volume. Monthly data for consumption for 1913-37 and for production and stocks for August 1925-37 are available upon request.

³ Data are in running bales. The average gross weight (in pounds) of the running bale, as computed from returns received from cottonseed-oil mills, for recent years is as follows (years ended July 31): 1942, 628.5; 1943, 629.4; 1944, 617.7; 1945, 621.7; 1946, 621.8; 1947, 615.7; 1948, 613.7; 1949, 617.8; 1950, 613.4.

⁴ Compiled by U. S. Department of Commerce, Bureau of the Census. Data for 1937 and 1939 are from the Census of Manufactures; data for certain later periods were compiled from reports to the Civilian Production Administration and predecessor agencies. Statistics are from reports filed by manufacturers primarily engaged in weaving fabrics over 12 inches in width of cotton, silk, rayon, and other synthetic fiber yarns. All such manufacturers were canvassed and estimates were made for a few manufacturers not filing reports. Averages for the first three quarters of 1942 are estimated in part from data on scheduled rather than actual production. Production of tire fabrics is excluded. Fabrics containing 25 percent or more wool by weight are not classified as cotton, nor are fabrics containing 51 percent or more rayon by weight. The original reports show production by type of goods for print-cloth yarn fabrics, narrow sheetings, etc., fine cotton goods, wide cotton fabrics, colored-yarn cotton fabrics, etc., and by type of fabric for these goods. For the sheetings and duck goods, further detail is given for width, thread count, and number of yards per pound. Production is that taken from the looms. The quarterly data cover 13-week periods.

Quarterly data for 1942-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁵ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Exports comprise cotton cloth, duck and tire fabric, both unfinished (in the gray) and finished (bleached, yarn dyed or dyed in the piece, or printed). In the period 1947-50, exports of cotton cloth, duck, and tire fabric accounted for approximately three-fourths of the value of exports of all cotton finished manufactures; in 1935-46 for about two-thirds; and in earlier years for a somewhat larger proportion. Beginning 1947, exports include shipments under the Army Civilian Supply Program (not previously available); such shipments for that year amounted to 12,016,000 square yards. Prior to January 1922, the data were reported in linear yards, but the difference between this and the present measurements is small.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1936-40 for exports are in the 1942 and 1940 SUPPLEMENTS. Data published in earlier volumes have been revised beginning 1927 to include tire fabrics and beginning January 1928 to include also heavy filter cloth, hose, and belting duck; these items had been included in earlier data. The revised monthly figures beginning 1913 may be found in table 48, p. 17, of the November 1939 SURVEY.

Imports include cotton cloth, both unfinished and finished. Data are imports for consumption beginning 1934 and general imports previously. Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT (revised import statistics for 1946, thousands of square yards—June, 3,629; December, 2,273; monthly average, 3,655). Monthly averages for 1913-34 and monthly data for 1938-40 are in the 1942 SUPPLEMENT; monthly data for 1923-37 are available in the 1940, 1938, 1936, and 1932 volumes.

⁶ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Mill margins represent the difference between the price of cloth obtainable from a pound of raw cotton and the price of cotton (includes processing tax for the period August 1933 to December 1935 amounting to about

4 cents per pound when corrected to a gross-weight basis). The mill margin thus includes all manufacturing costs other than raw cotton, and the manufacturer's profit. The cloth prices used in computing the mill margin are spot prices in the New York market for 17 gray-goods constructions, standard and carded (6 print cloths, 3 sheetings, 4 drills, 1 sateen, 1 twill, and 2 ducks); the data are compiled from the "International Textile Apparel Analysis" published by the International Statistical Bureau, Inc., New York, N. Y. Gray goods refers to cloth that has not been bleached, dyed, printed, or otherwise finished. Prices, quoted on a per-yard basis, have been converted to a price per pound on the basis of the approximate quantity of each cloth obtainable from a pound of cotton, with adjustment for salable waste. Raw-cotton prices are based on average prices in 10 spot markets (for the markets, see third paragraph of note 1 above) for the quality of cotton assumed to be used in each kind of cloth. However, these prices are not necessarily those paid by mills, for transportation and handling charges from central cotton markets to manufacturing centers have not been included. The average margin for the 17 constructions is unweighted.

Monthly data for 1941-August 1944 are shown in the 1947 STATISTICAL SUPPLEMENT; figures for September 1944-December 1946, published in the 1947 and 1949 volumes, have been slightly revised to incorporate new prices for twill and sateen constructions which were previously included at Office of Price Administration ceiling prices. Monthly averages for 1925-34 and monthly data for 1936-40 are available also in the 1942 and 1940 SUPPLEMENTS. Monthly data beginning August 1925 are shown in table 51, p. 18 of the November 1939 SURVEY.

⁷ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, and for all series are averages of weekly prices and are f.o.b. mill. More complete specifications for the three series follow: *Denim*—blue, white-backed, 28-inch, 2.20 yards per pound, unsanforized (mill finish); *print cloth*—38-1/2-inch, 64 by 60, 5.35 yards per pound, in the gray (except for 1944-45 when prices relate to print cloth 64 by 56, 5.50 yards to a pound as indicated in note 14); *sheeting*—brown, 36-inch, 56 by 60, 4 yards per pound, unbleached, unmercerized (except for the 1944-46 period when prices relate to 56 by 56 sheeting as indicated in note 15). Production of 56 by 60 sheeting and 64 x 60 print cloth was discontinued during the war period by War Production Board order, effective April 20, 1943, and looms formerly producing these constructions were required to produce 56 x 56 sheeting and 64 x 56 print cloth, respectively.

Monthly figures (in dollars per pound) for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1938-40 are in the 1942 issue. Monthly data for earlier years for print cloth and sheeting are correct as shown in the 1940, 1938, 1936, and 1932 volumes, except for revisions of 1 to 2 cents in the figures for print cloth for several months in the years 1926 to 1931. Monthly data for 1915-37 for the denim series are available upon request.

⁸ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data beginning 1941 are average weekly prices for Southern, 22/1, cones, carded, white, for knitting, f.o.b. mill. Earlier figures in italics are for Northern, 22/1, cones, carded, white, mulespun, f.o.b. mill; the average for 1941 comparable with the earlier data is \$0.360. Annual figures are averages of the weekly quotations rather than averages of the monthly figures shown.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier monthly data and annual averages for 1913-34 for the replaced series appear in the 1942, 1940, 1938, 1936, and 1932 volumes.

⁹ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data beginning with the second half of 1946 are averages of weekly prices for cotton yarn twisted, 40/1, carded, f.o.b. mill, Boston; earlier data are for Southern, 40/1, skeins, single, carded, f.o.b. mill. This series was discontinued after October 1946 (quotations for July-October, \$0.672; \$0.756; \$0.804; \$0.834). Annual averages are averages of the weekly quotations rather than averages of the monthly figures. Monthly data for 1941-46 for the prior series are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual averages for 1921-34 and monthly figures for 1936-40 appear in the 1942 and 1940 volumes. The notes in these SUPPLEMENTS should state that the prices are f.o.b. mill instead of f.o.b. Boston; data prior to 1933 are computed from New Bedford prices.

¹⁰ Quarterly average; 1937 and 1939 averages are computed from annual totals.

¹¹ Average for 11 months; no quotation for October.

¹² Monthly averages based on total for the year which includes minor revisions not distributed monthly.

¹³ Average for January-June. The print-cloth average is for 64 x 60 cloth and the sheeting average for 56 x 60 sheeting. However, it will be noted that the price of the 56 x 56 sheeting was also \$0.108 for May-December.

¹⁴ Price for 64 x 56 print cloth (see note 6); price for this construction for May and June 1943 was \$0.087. Price for 64 x 60 print cloth for October-December 1945, comparable with later data and with data through June 1943 was \$0.099.

¹⁵ Price for 56 x 56 sheeting (see note 6); prices for this construction for May-June 1943 and October 1946 were the same as for 56 x 60 sheeting. The average for 1946 is for 11 months, January-November; the October and November price included in the average is \$0.180.

¹⁶ Average for 6 months, July-December, comparable with later figures; see note 9 for this page.

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¹ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data relate to all cotton-system spindles and, beginning August 1945, include data for spindles spinning synthetic and blended fibers; earlier monthly averages and figures shown in SUPPLEMENTS prior to the 1949 issue, and in monthly SURVEYS prior to September 1948 are for spindles consuming 100 percent cotton. The figures for average spindle hours operated per working day were substituted in the July 1950 issue of the SURVEY for the "average hours per spindle in place" series which was discontinued by the Bureau. (Note that the unit should be corrected to millions of hours in the July and August 1950 issues.) Monthly data for August 1945-December 1946 are available upon request.

Figures beginning August 1945 for total active spindles refer to number of spindles active on the last working day of the month; earlier data and figures shown in SUPPLEMENTS prior to the 1949 issue (except where noted for 1946 in the 1947 volume), and in monthly SURVEYS prior to September 1947, relate to total spindles active at any time during the month. In the first half of 1946, the number of spindles active on the last day of the month averaged 2 percent less than the number active at any time during the month. Operations, stated as a percentage of capacity, are computed on a 5-day, 2-shift, 80-hour week basis. In computing the percentages, allowances are made for that portion of total spindles not normally operated on holidays.

Monthly data for August 1945-December 1946 are shown in the 1949 STATISTICAL SUPPLEMENT (except for the substituted series on average spindle hours per working day, as noted above). Earlier data relating to spindles consuming 100 percent cotton are available as follows: Active spindles—monthly figures for 1941-July 1945, in the 1947 STATISTICAL SUPPLEMENT; percentage of capacity—monthly figures for August 1933-35, p. 18 of the March 1939 SURVEY (data were not computed on a comparable basis prior to August 1933); spindle hours operated—monthly data prior to 1936, in 1938, 1936, and 1932 volumes.

² Compiled by the Textile Economics Bureau, Inc., and published in the Rayon Organon. Both the filament yarn and the staple series cover rayon produced by all processes of manufacture; rayon waste is not included, nor are other synthetic textile products such as nylon, protein, and casein staple, etc.

Consumption data represent net deliveries (gross shipments less returns) to domestic consumers by American rayon producers. Stock data represent stocks of all finished rayon yarn and staple held by domestic producers.

All series represent industry totals and, since 1941, have been based on actual reports for the entire industry; earlier data are estimated industry totals based on actual reports representing 86 percent or more of the total, adjusted to complete coverage on the basis of data reported in the Census of Manufactures.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier monthly averages or year-end figures for yarn stocks beginning 1923 and monthly data for 1938-40 for yarn and staple-fiber stocks are available in the 1942 SUPPLEMENT; monthly data for 1930-37 for yarn stocks are shown on p. 18 of the April 1940 SURVEY (these data are correct except for scattered revisions in the end figures which are due to more accurate rounding of figures). Consumption data through September 1941, as shown in the 1942 volume, cover gross domestic deliveries by producers plus imports for consumption and are therefore not comparable with data shown

in later SUPPLEMENTS. Monthly data for 1923-40 for yarn consumption, for 1932-40 for staple-fiber consumption (also annual data for 1928-31), and for 1936 and 1937 for staple-fiber stocks are available upon request.

³ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Rayon imports represent total yarns, threads, and filaments. Silk imports are for unmanufactured silk, comprising raw silk, cocoons, and waste. Data beginning 1934 are imports for consumption; earlier figures are general imports.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures prior to 1941 appear in the 1942, 1940, 1938, 1936, and 1932 volumes. (Revisions in rayon imports: 1946—March, 3,003,000 pounds; September, 2,431,000; December, 4,398,000; 1926—April, 739,000; May, 769,000; June, 858,000; December, 923,000; 1930—August, 225,000.)

⁴ Compiled by U. S. Department of Labor, Bureau of Labor Statistics. More complete descriptions of the series are as follows: Yarn—viscose filament yarn, 150 denier, first quality, minimum filament, in cones (prior to 1947, the prices are for yarn in skeins; the January 1947 price for both series is the same; for February-July 1947, the price in cones was 2 cents lower than the price in skeins); staple fiber—viscose, 1-1/2 denier, bright, in bales. Both series are f.o.b. producer's plant, minimum freight allowed to destination, and are computed from Tuesday prices reported by a trade organization.

Monthly data for 1941-46 (for yarn in skeins) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly figures for 1938-40 are in the 1942 volume. For monthly figures beginning 1913 for the yarn series, see table 30, p. 22, of the November 1941 SURVEY. Monthly data for 1928-37 for the staple-fiber series are available upon request.

⁵ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data prior to 1947 are compiled from reports to the Civilian Production Administration and predecessor agencies. Statistics are from reports filed by manufacturers primarily engaged in weaving fabrics over 12 inches in width of rayon, silk, cotton, nylon, and other synthetic fibers. All known manufacturers were canvassed and estimates were made for a few manufacturers not filing reports. The quarterly data cover 13-week periods.

Rayon goods are defined as those containing 51 percent or more rayon by weight. Rayon means synthetic yarns made by the viscose, cuprammonium, or cellulose-acetate processes. Silk, nylon, glass, and other fabrics made of synthetic yarns are not included, nor are fabrics containing 25 percent or more of wool. Rayon tire fabric is excluded.

Production is that taken from the looms and is measured in linear yards of varying widths. The original reports show production by type of fabric; yarn consumed by type of yarn; and machinery activity (number of looms and spindles in place, number active, and aggregate hours operated).

Quarterly data for the second half of 1943-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁶ Average of data for the third and fourth quarters.

⁷ Less than 500 pounds.

⁸ Quarterly average.

⁹ Average for 5 months, August-December.

¹⁰ Based on adjusted annual total which includes revisions not distributed by months.

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¹ See note 3, page 184.

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Prices shown are averages of Tuesday quotations. A more exact description of the series is as follows: Silk, raw, white, Japan, double extra crack, 13/15 denier, 78 percent, New York. Quotations beginning 1948 are for a substituted series of the same description, but represent a composite price; the price for 1948 is the same on both the new and old basis. Beginning January 1936, data from a trade organization have been substituted for prices based on mill reports. However, the comparability of the series is not seriously affected. The overlapping data for 1936 and 1937 on the old basis are \$1.766 and \$1.858, respectively.

From August 1941 through May 1942 prices represent ceilings established by OPA and predecessor agencies. All stocks of silk were taken over by the Defense Supplies Corporation in July 1941. Prices are not available for the period from June 1942 to June 1946, since silk was not sold for commercial use.

When silk imports from Japan were resumed after the war, the United States Commercial Company (RFC) became the exclusive selling agent of Japanese silk. Prices for 1946 represent selling prices of U. S. Commercial Company; in July and August of 1946, prices were on a bid basis and for the balance of the year were auction prices.

Monthly data for 1941, the first half of 1942, and the second half of 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1917-34, based on mill reports, and monthly figures for 1936-40 for the current series are in the 1942 and 1940 SUPPLEMENTS. Monthly data for 1923-37 on the old basis are shown in the 1938, 1936, and 1932 volumes.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data cover total consumption on the woolen and worsted systems and also, prior to 1946, consumption by all other known manufacturers, including consumption in batting and felt manufactures and on the cotton, silk, etc., systems of spinning. (Approximately 4.3 million pounds of scoured wool were consumed on the cotton and other systems of spinning in 1950; manufacturers of felt, hat bodies, and other miscellaneous products consumed approximately 7.8 million pounds in 1946.) Estimates are included for a few manufacturers from whom reports were not received. The 1946 figures originally published also included data for all known manufacturers using wool. They have been revised to cover consumption on the woolen and worsted systems only, so that data will be comparable with figures compiled since the early part of 1947. Total consumption for the year 1946, including all known manufacturers, entirely comparable with earlier data, is as follows (thousands of pounds): Apparel class, 620,241; carpet class, 128,056. It will be noted that consumption on the woolen and worsted systems accounted for 98.3 percent of total consumption of apparel wool in 1946 and practically the entire consumption of carpet wool.

Apparel-class wool comprises wool generally regarded as more or less suitable for apparel purposes, whereas carpet-class wool is foreign wool particularly suitable for the manufacture of floor coverings. Beginning 1942, all domestic and duty-paid foreign wools have been classified as apparel and all free foreign wools as carpet. Apparel-class wool not finer than 40s, and all carpet-class wool, if used for floor coverings, press cloth, knit or felt boots, or lumbermen's heavy fulled socks, may be imported free of duty. Prior to 1942, reported amounts of duty-free apparel wool not finer than 40s were included in the apparel-wool classification (this wool was incompletely reported prior to September 1941) and a small quantity of duty-paid wool was included in the carpet-wool classification. The 1941 figures shown here include all duty-paid foreign wool in apparel wool and all duty-free foreign wool in carpet wool, as in figures for later years. Earlier data have not been similarly revised but amounts involved prior to September 1941 were small.

Data on an equivalent scoured basis are obtained by adding to the wool reported in a scoured condition the wool reported in a greasy condition converted to a scoured basis. Average yields are assumed, varying with origin and grade, except for carpet wool for which yields are reported. The original reports give monthly consumption on a scoured basis by grade and system. They also give consumption on a greasy basis for the carpet wool. The scoured-basis figures reflect more accurately changes in wool consumption as the greasy-basis figures are affected by shifts to heavier, shrinking wools which do not affect the scoured.

Prior to 1942, wool was considered consumed when carded or otherwise advanced beyond scouring. Beginning 1942, wool is considered consumed on the worsted system when it enters the scouring bowls and on the woolen and other systems when it is put into process as scoured wool. Data are reported for 4- and 5-week periods. For 1941, 1943, 1945-47, the first month of each quarter is a 5-week period and the other 2 months of the quarter are for 4 weeks, with the exception of December 1943 and 1947 which cover 5 weeks. In 1942, 1944, and 1948-50, the reports were shifted to a 4-4-5-week basis, except that data for December 1942 and 1950 are for 4 weeks and for November 1950, 5 weeks. No data were collected for the week of December 28, 1941, to January 3, 1942. The reporting year covered 51 weeks for 1942 and 53 weeks for 1943 and 1947; the monthly averages for these years were computed from 52-week totals based on average weekly consumption for the reporting year.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1918-34 and monthly figures for 1934-40 are in the 1942, 1940,

and 1938 volumes (there have been minor revisions in 1935 data for apparel-class). Monthly figures for apparel-class wool for 1932-33 are available in the 1936 issue and monthly data for 1918-34 appear on p. 20 of the July 1935 SURVEY. Monthly data prior to 1934 for carpet wool are in the September 1935 "Raw Wool Consumption" report of the Bureau of the Census.

⁴ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter. Data are imports for consumption and represent unmanufactured wool in the condition received—i.e., not converted to a uniform basis.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly figures prior to 1941 appear in the 1942, 1940, 1938, 1936, and 1932 volumes. (Revisions for 1931: January, 13,747,000 pounds; March 15,358,000; June, 16,812,000; July, 13,024,000.) Data prior to 1934 are general imports.

⁵ Compiled by the U. S. Department of Agriculture, Production and Marketing Administration. Prices are from the reporting service of that agency and are based on the mean of weekly ranges of quotations, Boston market. More complete descriptions of the series are as follows: *Territory wool*—raw wool, territory, 64s, 70s, 80s, fine combing, scoured basis; *fleece*—raw wool, bright fleece, 56s, 58s (3/8 blood, strictly combing), grease equivalent of clean-basis price based on arbitrary shrinkage of 47% (average of grease-equivalent quotations for arbitrary shrinkage of 46-48%); *Australian wool*—raw wool, Australian, 64s, 70s, good topmaking, scoured basis, in bond, Boston market, excluding duty.

Beginning in April 1943, practically all domestic wools were purchased by the Commodity Credit Corporation and sold to mills at Office of Price Administration ceiling prices. These purchase and sale prices were identical through November 1945, after which the Commodity Credit Corporation cut its selling price below its purchase price. Beginning June 1947, for the territory wool, data are for wool sold on the open market (the figures through August 1948 are tentative estimates based on information from trade and government sources) instead of the Commodity Credit Corporation selling price; the June 1947 price comparable with data for prior months is \$1.225 per pound. For the bright fleece series, the open-market quotations began in August 1948 and, for that month, the prices from both sources were identical.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly data for 1939-40 for the two domestic series appear on p. 24 of the February 1945 SURVEY. Monthly data for these series for 1913-38 and for Australian wool for 1936-40 are available upon request. Data prior to 1924 were compiled from the Boston Commercial Bulletin and, for the territory wool series, the figures are identical with the 1913-23 figures shown in earlier SUPPLEMENTS. Monthly data for 1923-38 for the original domestic wool series are shown in the 1942, 1940, 1938, 1936, and 1932 volumes. Monthly figures for 1938-40 and monthly averages beginning 1930 are shown in the 1942 issue.

⁶ Compiled by the U. S. Department of Commerce, Bureau of the Census. Allowance has been made for machinery activity of the few manufacturers from whom monthly schedules were not received. In collecting the data, wool machinery is regarded as that machinery which is usually used to process wool and similar fibers, either alone or in combination with other textile fibers, regardless of the product of the mill in which located. Under the specific rules adopted in June 1934, hand machinery or machinery used exclusively for pattern-making, experimental, or educational purposes was to be excluded, and looms were defined as follows: *Woolen and worsted looms*—all power looms, regardless of size, which are usually used to produce fabrics, blankets, or woven felts containing by weight more than 25 percent of woolen or worsted spun yarns; *wool carpet and rug looms*—all power looms which are usually used to produce floor coverings from woolen or worsted spun yarns. It is believed that these definitions for all practical purposes may be regarded as in effect throughout the entire period covered by the data. *Broad looms* are those of over 50" reed space and *narrow looms* are those 50" and under. Data for pile and Jacquard looms, shown separately in the original reports and the monthly SURVEY beginning April 1947, are included in the earlier totals for broad and narrow woolen and worsted looms.

The data shown on the "monthly average" lines are weekly averages for the reporting year consisting generally of 52 weeks. The reporting year covered 51 weeks for 1942 and 53 weeks for 1943 and 1947. The monthly figures are averages for 4-4- and 5-week periods. For 1941, 1943, 1945-47, the first month of each quarter is a 5-week period and the other 2

months of the quarter are for 4 weeks, with the exception of December 1943 and 1947 which cover 5 weeks. In 1942, 1944, and 1948-50, reports were shifted to a 4-5-week basis, except that data for December 1942 and 1950 are for 4 weeks and for November 1950, 5 weeks. No data were collected for the week of December 28, 1941, to January 3, 1942. In reducing active hours to a weekly average, no account is taken of holidays.

The data shown for carpet and rug looms exclude (insofar as possible) activity of looms operating on blankets and cotton fabrics during the 1942-45 period. Data for woolen and worsted looms similarly exclude operations of looms on cotton fabrics for 1942 but include operations of these looms for 1943, as indicated in note 7.

The reports of the Bureau of the Census include details for each kind of machinery for number in place and number active at some time during the month, in addition to more detailed data on active hours.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Averages for 1921-34 and monthly figures for 1934-40 (except separate figures for broad and narrow carpet and rug looms) appear in the 1942, 1940, and 1938 SUPPLEMENTS; the annual weekly averages for 1934-37 and 1950 are based on annual totals which include slight revisions not distributed to the monthly figures.

⁷ During the war period a large proportion of the carpet and rug looms were converted to the manufacture of blankets and cotton fabrics, and some woolen and worsted looms to operations on cotton fabrics. Data for such operations of the carpet and rug looms, reported separately for February 1942-August 1945, are excluded from the figures shown here. Data for a small number of these looms are included for January 1942 and after August 1945; by the end of 1945, however, such operations had virtually stopped. Weekly averages of carpet and rug loom activity for 1942-45, including data for looms on blankets and cotton fabrics, are as follows (thousands of active hours): 1942, broad and narrow combined (not reported separately), 278; 1943—broad, 158; narrow, 131; 1944—broad, 137; narrow, 94; 1945—broad, 112; narrow, 95.

Data for woolen and worsted looms operating entirely on cotton fabrics were reported separately only for July 1942-September 1943. Operations of these looms are included in the figures beginning 1943 but are excluded for July-December 1942; for the latter period, data for broad and narrow looms were not reported separately. The weekly average for 1942 including data for the looms on cotton fabrics, broad and narrow combined, is 2,813 thousand hours.

⁸ Average for 5 months, January-May.

⁹ Average for 6 months, July-December.

¹⁰ Excludes consumption on cotton, silk, and other woolen and worsted systems; comparable with succeeding data (see note 3 for this page).

¹¹ See note 5 for this page, regarding change in quotations.

¹² Average for months shown.

¹³ Average for 9 months, March-December.

¹⁴ Average for 5 months, August-December.

¹⁵ Nominal quotations, not based on actual sales.

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¹ Compiled by U. S. Department of Commerce, Bureau of the Census. Data represent virtually complete coverage of woolen and worsted yarn production; estimates are made for a few firms not reporting each month. Figures include all yarn produced, whether for own use, for sale, or on commission for others. Beginning in 1946, data exclude wool-content yarn spun on systems other than woolen and worsted; in 1946 production of such yarns totaled approximately 15 million and 17 million pounds for the weaving and knitting categories, respectively. In 1945, the knitting figures include 3,384,000 pounds of roving produced for sale; 1946, 5,002,000 pounds; 1947, 940,000 pounds; previously, roving had been included in the "weaving" category. Monthly data are for 4- and 5-week periods. For 1943 and 1945-47, the first month of each quarter is a 5-week period and the other 2 months of the quarter are for 4 weeks with the exception of December 1943 and 1947 which cover 5 weeks. In 1944 and 1948-50, the reports were shifted to a 4-4-5-week basis, except that figures for November 1950 are for 5 weeks and for December 1950, 4 weeks.

Monthly data for July 1943 through 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

² Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Prices for all series are f.o.b. mill and are averages of Tuesday quotations.

More complete descriptions of the series are as follows: *Worsted yarn*—worsted yarn, Bradford system, weaving, white, 64s (prior to January 1947, data are for worsted yarn, 2/32s, crossbred stock, white, in skeins; the price for January-August 1947 is \$1.95 per pound); *unfinished worsted suiting*—unfinished worsted suiting, all wool, 13.0 ounce, 58 inches wide (from May 1942-January 1944, the suiting was not produced by the reporting manufacturer and no price quotations are available); *dress goods*—flannel dress goods, 8.0 ounce, 54 inches wide (this series replaces the price for French serge published in SUPPLEMENTS prior to the 1949 issue).

Monthly data for 1941-46 for unfinished suiting and for yarn (old basis) are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages prior to 1935 and monthly data for 1923-40 are available in the 1942, 1940, 1938, 1936, and 1932 volumes (revision for yarn, April 1926, \$1.45). Monthly data for 1945-46 for the substituted flannel price appear in the 1949 issue; figures for 1913-44 are available upon request.

³ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data beginning 1948 represent totals for the industry and include estimates (based on loom activity) for about 12 percent of the known manufacturers; earlier data are based on reports of manufacturers which account for 98 percent or more of the total production of woolen and worsted woven goods (defined as fabrics containing by weight 25 percent or more wool fiber). Estimates are included for a few manufacturers from which reports were not received. The quarterly averages for 1937 and 1939 are based on annual totals from reports of the Census of Manufactures.

Beginning 1947, data for the separate classifications under apparel fabrics exclude Government orders; these figures, therefore, are not comparable with those for previous periods. Total apparel fabrics produced for Government orders in 1946 are as follows (in linear yards): First quarter (estimated), 176,000; second quarter, 237,000; third quarter, 377,000; fourth quarter, 202,000. Separate data for blanketing produced for Government orders are not available.

In addition to the exclusion of Government orders from the individual classifications, further changes have been made in the detail under apparel fabrics. Beginning the second quarter of 1947, some materials (classified as "general use and other fabrics" in the 1947 SUPPLEMENT) are distributed to the individual classifications. For the second and third quarters of 1947, data for all fabrics (containing 25 percent or more wool) produced by cotton and rayon weavers, formerly distributed to the individual classifications, are included in the "unclassified" item. Beginning the last quarter of 1947, the "unclassified" item consists entirely of fabrics reported by the cotton and rayon weavers, and all apparel fabrics produced by woolen and worsted manufacturers are distributed to the individual classifications; for the second and third quarters of 1947, the unclassified item includes also 3,340,000 and 1,489,000 linear yards, respectively, which were reported by woolen and worsted manufacturers as "all other apparel fabrics."

Quarterly data for 1942-46 (for comparable series as noted above) are available in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT.

⁴ Yardage is on an equivalent 54-inch linear yard measure for fabrics other than blankets and a 72-inch linear yard measure for blankets. The 1937 and 1939 data were reported in square yards and have been converted to these equivalent linear yards.

⁵ Data for woolen and worsted woven goods are quarterly averages.

⁶ Not strictly comparable with data for later years; men's wear fabrics made on commission, which represented 2 percent of total men's wear in 1939, are included in "unclassified."

⁷ Crib blankets included in "other nonapparel fabrics"; crib blankets accounted for less than 1 percent of the total yardage of blankets in 1939.

⁸ Average for 4 months, January-April.

⁹ Average for 6 months, July-December.

¹⁰ Average for 11 months, February-December.

¹¹ See second paragraph of note 3 for this page.

¹² Beginning the third quarter of 1950, figures include yardage, containing from 25 to 50 percent wool, not distributed between Government and nongovernment orders as follows (thousands of finished linear yards): Third quarter, 2,625; fourth quarter, 3,400.

¹³ Not comparable with earlier data; see note 12 for this page.

¹ Compiled by the U. S. Department of Commerce, Civil Aeronautics Administration through 1945; thereafter compiled jointly by that agency and the Bureau of the Census. Data beginning 1946 are shipments (both domestic and export) as reported by all plants active in the industry. Prior thereto, the figures represent production and, through 1941, are for civil aircraft produced for domestic use only. There was no output for civilian use in 1942-44 and the 1945 data include planes for export as well as for domestic use. At the end of 1950, reports were received from 39 plants operated by 33 companies.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; those volumes also show data on military aircraft. The 1942 monthly average for civil aircraft, as shown in those volumes, represents civilian production requisitioned by the Armed Forces. Publication of data for military shipments was discontinued by the Civil Aeronautics Administration after July 1948. For aircraft production in earlier years, see the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS; monthly data for 1940 have been revised and are available upon request.

² Compiled by the U. S. Department of Commerce, Bureau of the Census; prior to May 1941 by the Bureau of Foreign and Domestic Commerce. Data represent airplanes actually exported with no consideration given to date of production. Beginning January 1940 exports of landplanes minus engines are included. Prior to 1940, these were reported with data for parts, accessories, etc., and were not available separately, but were so small in number that their inclusion beginning with that year does not affect the comparability of the series. Figures include both military and civil aircraft; they exclude gliders and lighter-than-air craft.

Monthly data for 1941 and 1943-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly figures for 1942 are not available. Export data for earlier years are shown in the 1942, 1940, 1938, 1936, and 1932 volumes.

³ Compiled by the Automobile Manufacturers Association. Prior to 1940, the series was compiled by the U. S. Department of Commerce, Bureau of the Census, in cooperation with the Automobile Manufacturers Association (formerly known as the National Automobile Chamber of Commerce). Data shown are factory sales and represent complete coverage of the industry. Although commonly referred to and sometimes interpreted as being identical with production, factory sales for a given period obviously exclude some units produced in that period but not yet sold and include others produced in earlier periods. In addition to domestic sales, the totals include as foreign sales in a given month the number of complete units or vehicles that can be assembled abroad from the parts exported in that same month. These foreign sales account for the difference between domestic and total sales. Since military vehicles are not shown separately, it should be noted that the data include many military vehicles during 1941-45.

The passenger car classification includes—in addition to passenger cars—taxicabs and station wagons; it also includes any school busses, ambulances, and funeral cars made with passenger car chassis. The truck classification includes trucks, truck tractors, road tractors (excluding highway-construction machinery), and any school busses, station wagons, and fire apparatus made with truck chassis by truck manufacturers. Fire apparatus made by companies specializing in that line is excluded. The coach classification includes all busses, primarily those of the integral type, sold to for-hire transportation companies whether for city or intercity service.

The passenger car, truck, and motor coach classifications as defined above reflect a postwar revision of data by the Automobile Manufacturers Association affecting all data back to January 1940. Hence the factory sales data shown beginning with the 1947 STATISTICAL SUPPLEMENT differ somewhat in comparability from those in previous volumes. In earlier SUPPLEMENTS, for instance, all station wagons, ambulances, funeral cars, school busses, and all other busses were reported as trucks; moreover, foreign assemblies from parts manufactured in the United States were reported in the month in which they were actually assembled abroad, although the parts going into the assembled vehicles might have been manufactured months previously. These changes in the definitions of the units counted have affected the passenger car data only slightly but have had the effect of lowering factory sales of trucks for 1940 and 1941 on the present basis about 4 percent below the data shown in the 1942 SUPPLEMENT for those years. See note 6 for p. 170 in the 1942 volume for a description of the data as reported prior to 1940.

Monthly data for 1941 and 1946 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT; monthly figures are not available for 1942-45. Monthly statistics of factory sales for years prior to 1940 will be found in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS; revised monthly figures for 1940 are shown on p. 24 of the June 1947 SURVEY. Monthly data from 1921 to 1939 are available in a release entitled "Automobiles" published by the Bureau of the Census on August 1, 1941.

⁴ Compiled by the U. S. Department of Commerce, Bureau of the Census; prior to May 1941 by the Bureau of Foreign and Domestic Commerce. Data include exports of domestic new and second-hand motor trucks, busses, and chassis and new and second-hand passenger cars and chassis. Chassis are included in order to give representation to exports of "unassembled" cars. Monthly reports (Monthly Summary of Foreign Commerce of the United States) give details for trucks, by capacity, and passenger cars, by value, together with detailed exports of parts and accessories. During the war years, exports include shipments under Lend-Lease and UNRRA but exclude shipments for U. S. overseas Armed Forces. Beginning 1947, data include shipments under the Army Civilian Supply Program. Such shipments were not reported previously (see note 1 for p. 102); for 1947, they totaled only 45 trucks.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages for 1913-34 and monthly data for 1938-40 are shown in the 1942 volume. Monthly data beginning 1923 appear in the 1940, 1938, 1936, and 1932 SUPPLEMENTS. (Revisions: 1940, March—total, 26,094; trucks, 15,231; 1940 monthly average—total, 16,269; trucks, 8,672.)

⁵ Includes 90 planes completed during 1937 but not reported until January 1938 and, therefore, not included in the 1937 production report.

⁶ Data include sales of military trucks; monthly averages of military sales are: 1940—total, 5,176; domestic, 2,913; 1941—total, 15,907; domestic, 13,757.

⁷ Data exclude sales of military trucks; monthly averages of military sales are: 1942, 52,806; 1943, 56,237; 1944, 51,780; 1945, 30,351.

⁸ Coaches are included with trucks; data are not available separately during the war period.

⁹ Includes small annual revisions not available by months.

¹⁰ Beginning May 1949 for aircraft exports and beginning July 1949 for trucks, data exclude "special category" exports not shown separately for security reasons.

¹ Compiled by the U. S. Department of Commerce, Bureau of the Census from reports to that agency beginning September 1945; prior to that date, by the War Production Board. Data are based on reports received from all "known" producers manufacturing specified types of trailers. The number of plants reporting during 1950 varied between 87-99 for the period January-June; beginning July 1950, reports were obtained from a number of additional companies and the industry coverage was increased about 6 percent (122-133 companies reported for July-December). Only truck trailers with a rated capacity of 5 tons or more are included. Figures represent the total production of truck trailers for both civilian and military use (except for 1939-41 and July and August 1945, when only civilian production was reported). Beginning September 1945, data are reported as total production, and show no breakdown for civilian and military use. It is known, however, that the production of military trailers tapered off rapidly after the war, becoming negligible during the last quarter of 1945 and remaining so, for the most part, thereafter. "All other" complete trailers include racks, tanks, pole and logging trailers, platforms, low-bed heavy haulers, off-highway trailers, and dump trailers.

Available monthly figures for 1945-46 for total production are shown in the 1949 STATISTICAL SUPPLEMENT. Monthly data for civilian, military, and total production are available separately for January 1942-June 1945 in the 1947 SUPPLEMENT. The annual data for 1939-41 are shown beginning in the 1949 volume as complete trailers, since the figures on the original reports apparently exclude "trailer chassis."

² Production is estimated as equal to shipments.

³ Compiled by R. L. Polk & Company except for period March 1942 through December 1945. Data represent the number of new passenger and commercial cars registered each month and are complete for all States and the District of Columbia. The figures through 1939 for commercial cars and through 1940 for passenger cars include deliveries to the Federal Government

which are excluded thereafter. For 1940, the monthly average number of commercial cars delivered to the Federal Government, as reported by the compiling agency, was 1,430. Government deliveries of passenger cars were small prior to 1941 and were not reported separately. The original reports of R. L. Polk & Company show the statistics by make of car and by States; details are also available for counties and cities.

Data for the period March 1942 through July 1945 are from the *Office of Price Administration* for passenger cars and from the *War Production Board* and the *Office of Defense Transportation* for commercial cars. For this period, the data represent rationed deliveries of cars to civilian users. Data from August through December 1945 are estimates by the *Automobile Manufacturers Association*. The large excess of new registrations of passenger cars over factory sales during the war period is accounted for by the stocks of cars in the hands of manufacturers, dealers, and distributors on January 1, 1942, which were taken over by the Government and released for essential uses only. The War Production Board estimated that on January 1, 1942, the industry's stocks of new passenger cars in all hands totaled about 538,000.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Monthly averages beginning 1925 and monthly data for 1938-40 are available in the 1942 SUPPLEMENT; the 1940 figures for commercial cars shown in that volume include Federal Government deliveries and therefore differ from the 1940 figures shown here. For passenger cars, the 1925 figures include estimates for Mississippi, Nevada, and Tennessee; the 1926 figures include no data for Mississippi. The 1925 figures for commercial cars exclude data for Mississippi, Nevada, Tennessee, and Vermont. These States accounted for only a small proportion of total car registrations. Monthly data beginning 1932 are correct as shown in the 1940, 1938, and 1936 SUPPLEMENTS except for minor revisions in 1938 for commercial car registrations; earlier data for passenger car registrations appear on p. 19 of the August 1933 SURVEY; earlier data for commercial cars are available upon request.

⁴ Reported by members of the *American Railway Car Institute*. Data cover all car builders, including the Pullman Company, and installations of cars built in railroad shops. Annual passenger-car data shown beginning in the 1947 STATISTICAL SUPPLEMENT differ from those published in previous issues by the inclusion of cars manufactured by the Pullman Company; revised monthly figures are available beginning 1934. Railroad-shop data are domestic shipments only; monthly figures are available beginning 1934 for passenger cars and beginning 1941 for freight cars. Data for deliveries of passenger cars by equipment manufacturers, both total and domestic, include troop hospital cars, troop kitchen cars, and troop sleepers as follows: 1941, 7; 1942, 24; 1943, 678; 1944, 995; 1945, 905; 1946, 878.

Monthly data for 1945-46 for all series are shown in the 1949 STATISTICAL SUPPLEMENT. Monthly figures for 1941-44 (except passenger-car shipments by railroad shops and total passenger-car shipments) are available in the 1947 volume. For monthly averages for 1918-34 and monthly data for 1932-40 for shipments of freight and passenger cars (excluding the Pullman Company) by equipment manufacturers only, see the 1942, 1940, 1938, and 1936 SUPPLEMENTS. Revisions for 1939 freight-car shipments are as follows: January—total, 1,186; domestic, 1,186; February—total, 1,961; domestic, 1,951; June—total, 2,152; domestic, 2,151; November—total, 2,617; domestic, 2,617; December—total, 4,516; domestic, 4,286; monthly average—total, 1,656; domestic, 1,624.

Annual total shipments or installations of freight cars by railroad shops and of passenger cars including the Pullman Company for 1918-34 are available upon request.

⁵ Figures exclude "chassis shipped as such" as in succeeding periods; see note 1 for this page.

⁶ Includes military production; see note 1 for this page.

⁷ Average for 4 months, September-December.

⁸ Beginning July 1950, the industry coverage has been increased by approximately 6 percent; see note 1 for this page.

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¹ See note 4 for p. 188.

² Compiled by the *Association of American Railroads*. The data cover class I roads only, which in recent years have accounted for slightly over 98 percent of all equipment owned by the railroads. "Number owned" includes leased freight cars, but not privately owned cars. To obtain the percent undergoing or awaiting repairs for 1935-48, the number undergoing or awaiting classified repairs is related to "total cars on

line," rather than to total owned, which is shown here. Total cars on line include all railroad-owned cars on class I lines, regardless of the class of the originating road; this figure is usually slightly less than the total owned, because more class I cars are on class II and class III lines than the reverse. Beginning 1949, data represent cars awaiting repairs as a percent to total ownership; the comparability of the series, however, is not affected by more than 0.3 percent. The freight-car ownership report includes data on car installations and retirements, by districts and for the individual roads, by type of car. It also includes capacity figures. The condition report gives the ownership of cars undergoing or awaiting heavy and light repairs, by districts, by individual roads, and by type of car.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For earlier monthly data which are correct except for minor revisions, see the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS. In consulting the 1942 volume, it should be noted that annual data shown for unfilled orders are as of the end of December; annual figures in other issues are monthly averages.

³ Compiled by the *Association of American Railroads*. Data are for class I roads only and cover freight, passenger, and switching locomotives. The figures for "other locomotives" include electric and diesel locomotives. The percentage of locomotives undergoing or awaiting repairs is based on "number on line" which is identical with total owned and leased from others. The condition report gives—for steam, electric, and diesel locomotives—the number on line, number serviceable, number stored serviceable, and number awaiting repairs, all shown by districts and for individual roads. The ownership report shows number and tractive power of steam locomotives and electric and diesel types owned, installed, and retired, by districts and for the individual roads.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. For monthly data for steam locomotives beginning 1932, see the 1942, 1940, 1938, and 1936 volumes. In consulting the 1942 SUPPLEMENT, it should be noted that the annual data shown for unfilled orders are as of the end of December; annual data in other issues are monthly averages. Monthly data on unfilled orders for 1938 and 1939 are available only for the indicated months. Earlier monthly data for steam locomotives (except total unfilled orders and those of equipment manufacturers) appear in the 1932 SUPPLEMENT. Monthly statistics prior to 1932 for steam locomotives on order with equipment manufacturers may be obtained from the *Association of American Railroads*. Annual averages for "other locomotives" are not available prior to the years shown here; monthly data are available beginning March 1936 for the total, and beginning September 1939 for equipment and railroad shops.

⁴ Average is less than 1.

⁵ Beginning 1949, data represent freight cars awaiting repairs as a percent to total ownership; see note 2 for this page.

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¹ See note 3 for p. 189.

² Compiled by the U. S. Department of Commerce, Bureau of the Census; prior to May 1941 by the Bureau of Foreign and Domestic Commerce. Data for "other locomotives" as shown in the 1942 and earlier SUPPLEMENTS, have been revised to include railway, industrial, and mining locomotives of the electric, gasoline, and diesel types.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Annual averages beginning 1913 and monthly data for 1938-40 for steam locomotives are shown in the 1942 SUPPLEMENT. Annual and monthly figures for 1922-1940 for "other locomotives" are available upon request.

³ Compiled by the *Industrial Truck Association*; prior to July 1941 by the U. S. Department of Commerce, Bureau of the Census. Data as reported by the Bureau of the Census covered the entire industry representing 10 manufacturers through 1938 and 9 beginning 1939 (one of the 10 reporting prior to 1939 discontinued business). Data as reported by the Association represent 8 manufacturers and are stated by the Association to cover from 75 to 80 percent of the entire industry.

Monthly data for 1941-46 are shown in the 1949 and 1947 issues of the STATISTICAL SUPPLEMENT. Earlier monthly figures are shown in the 1942, 1940, 1938, 1936, and 1932 SUPPLEMENTS.

⁴ Average for 10 months, March-December.

⁵ Data available for a few scattered months only.

⁶ Average for 4 months, September-December.

⁷ Includes annual revisions not allocable by months.

Sources of Data

- Aberthaw Company, 80 Federal Street, Boston 10, Mass.
 American Appraisal Company, 525 East Michigan Street, Milwaukee 2, Wis.
 American Bureau of Metal Statistics, 50 Broadway, New York 4, N. Y.
 American Gas Association, 420 Lexington Avenue, New York 17, N. Y.
 American Glassware Association, 19 West 44th Street, New York 18, N. Y.
 American Home Laundry Manufacturers' Association, 38 South Dearborn Street, Chicago 3, Ill.
 American Iron and Steel Institute, 350 Fifth Avenue, New York 1, N. Y.
 American Metal Market, 18 Cliff Street, New York 7, N. Y.
 American Newspaper Publishers Association, 370 Lexington Avenue, New York 17, N. Y.
 American Paper and Pulp Association, Chanin Building, 122 East 42d Street, New York 17, N. Y.
 American Petroleum Institute, 50 West 50th Street, New York 20, N. Y.
 American Potash Institute, Inc., 1155 - 16th Street, NW., Washington 6, D. C.
 American Railway Car Institute, 19 Rector Street, New York 6, N. Y.
 American Transit Association, 292 Madison Avenue, New York 17, N. Y.
 American Zinc Institute, Inc., 60 East 42d Street, New York 17, N. Y.
 Anthracite Committee, Department of Commerce, Commonwealth of Pennsylvania, Harrisburg, Pa.
 Associated General Contractors of America, Inc., Munsey Building, Washington 4, D. C.
 Association of American Battery Manufacturers, Inc. (The), 2706 First National Tower Building, Akron 8, Ohio
 Association of American Railroads, Transportation Building, Washington 6, D. C.
 Automobile Manufacturers Association, New Center Building, Detroit 2, Mich.

 Boeckh (E. H.) and Associates, Inc., 1406 M Street, NW., Washington 6, D. C.
 Bond Buyer (The), 67 Pearl Street, New York 4, N. Y.

 Chicago Board of Trade, Chicago, Ill.
 Coated Abrasives Association, 41 Park Row, New York 7, N. Y.
 Commercial and Financial Chronicle (The), 25 Park Place, New York 8, N. Y.
 Copper Institute, 50 Broadway, New York 4, N. Y.

 Distilled Spirits Institute, Inc., National Press Building, Washington 4, D. C.
 Dodge (F. W.) Corporation, 119 West 40th Street, New York 18, N. Y.
 Dominion Bureau of Statistics, Ottawa, Canada
 Dow Jones & Company, Inc., 44 Broad Street, New York 4, N. Y.
 Dun & Bradstreet, Inc., 290 Broadway, New York 8, N. Y.
 Business Information Division, 326 Broadway, New York 8, N. Y.

 Edison Electric Institute, 420 Lexington Avenue, New York 17, N. Y.
 Engineering and Mining Journal, 330 West 42d Street, New York 18, N. Y.
 Engineering News-Record, 330 West 42d Street, New York 18, N. Y.

 Federal Reserve Bank of Atlanta, Atlanta 3, Ga.
 Federal Reserve Bank of Chicago, Chicago 90, Ill.
 Federal Reserve Bank of Cleveland, Cleveland 1, Ohio
 Federal Reserve Bank of Dallas, Dallas 13, Tex.
 Federal Reserve Bank of Kansas City, Kansas City 18, Mo.
 Federal Reserve Bank of Minneapolis, Minneapolis 2, Minn.
 Federal Reserve Bank of New York, P. O. Station 45, New York, N. Y.
 Federal Reserve Bank of Philadelphia, Philadelphia 1, Pa.
 Federal Reserve Bank of Richmond, Richmond 13, Va.
 Federal Reserve Bank of St. Louis, St. Louis 2, Mo.
 Federal Reserve Bank of San Francisco, San Francisco 20, Calif.
 Fibre Box Association, 224 South Michigan Avenue, Chicago 4, Ill.

 Folding Paper Box Association of America, 337 West Madison Street, Chicago 6, Ill.
 Foundry Equipment Manufacturers Association, Inc., Engineers Building, 1213 West 3d Street, Cleveland 14, Ohio

 Glass Container Manufacturers Institute, Inc., 8 West 40th Street, New York 18, N. Y.

 Handy and Harman, 82 Fulton Street, New York, N. Y.
 Horwath and Horwath, 41 East 42d Street, New York 17, N. Y.
 Hydraulic Institute, 122 East 42d Street, New York 17, N. Y.

 Industrial Furnace Manufacturers Association, Inc., 420 Lexington Avenue, New York 17, N. Y.
 Industrial Truck Association (The), 3701 North Broad Street, Beury Building, Philadelphia 40, Pa.
 Institute of Boiler and Radiator Manufacturers, 60 East 42d Street, New York 17, N. Y.
 Institute of Life Insurance, 488 Madison Avenue, New York 22, N. Y.
 Institute of Makers of Explosives, 343 Lexington Avenue, New York 16, N. Y.

 Lake Superior Iron Ore Association, 1400 Hanna Building, Cleveland 15, Ohio
 Life Insurance Agency Management Association, 115 Broad Street, Hartford 5, Conn.
 Life Insurance Association of America, 488 Madison Avenue, New York 22, N. Y.

 Maple Flooring Manufacturers Association, 46 Washington Boulevard, Oshkosh, Wis.
 Media Records, Inc., 354 Fourth Avenue, New York, N. Y.
 Montgomery Ward & Co., Chicago 7, Ill.
 Moody's Investors Service, 65 Broadway, New York 6, N. Y.

 National Association of Hosiery Manufacturers, 468 Fourth Avenue, New York 16, N. Y.
 National Board of Fire Underwriters, 85 John Street, New York 7, N. Y.
 National Electrical Manufacturers Association, 155 East 44th Street, New York 17, N. Y.
 National Fertilizer Association, 616 Investment Building, Washington 5, D. C.
 National Lumber Manufacturers Association, 1319 - 18th Street, NW., Washington 6, D. C.
 National Machine Tool Builders' Association, 10525 Carnegie Avenue, Cleveland 6, Ohio
 National Oak Flooring Manufacturers' Association, 814 Sterick Building, Memphis 3, Tenn.
 National Paperboard Association, 80 East Jackson Boulevard, Chicago 4, Ill.
 New York Coffee and Sugar Exchange, Inc., 113-117 Pearl Street, New York 4, N. Y.
 New York Cotton Exchange, 60 Beaver Street, New York 4, N. Y.
 New York Stock Exchange, Department of Research and Statistics, 11 Wall Street, New York 5, N. Y.
 New York Times (The), Times Square, New York 18, N. Y.
 Newsprint Service Bureau (The) and Newsprint Association of Canada, 342 Madison Avenue, New York 17, N. Y.

 Polk (R. L.) and Company, 431 Howard Street, Detroit 31, Mich.
 Portland Cement Association, 33 West Grand Avenue, Chicago 10, Ill.
 Price Waterhouse & Co., 56 Pine Street, New York 5, N. Y.
 Printers' Ink Publishing Co., Inc., 205 East 42d Street, New York 17, N. Y.
 Publishers' Information Bureau, Inc., 271 Madison Avenue, New York 16, N. Y.
 Publishers' Weekly, 62 West 45th Street, New York 19, N. Y.
 Pullman Company, Merchandise Mart, 222 West North Bank Drive, Chicago 54, Ill.

 Rubber Manufacturers Association, Inc., 444 Madison Avenue, New York 22, N. Y.

 Savings Banks Association of the State of New York, 110 East 42d Street, New York 17, N. Y.
 Scarburgh Company, 90-96 Wall Street, New York, N. Y.
 Sears, Roebuck and Company, Chicago 7, Ill.

Southern Pine Association, Canal Building, New Orleans 4, La.
Standard and Poor's Corporation, 345 Hudson Street, New York
14, N. Y.

Tanners' Council of America, Inc., 100 Gold Street, New York
7, N. Y.

Textile Economics Bureau, Inc., 10 East 40th Street, New York
16, N. Y.

Tide Publishing Company, Inc., 232 Madison Avenue, New York
16, N. Y.

UNITED STATES GOVERNMENT, INCL. INDEPENDENT AGENCIES:

Department of Agriculture:

Bureau of Agricultural Economics, Washington 25, D. C.
Commodity Exchange Authority, Washington 25, D. C.
Farm Credit Administration, Washington 25, D. C.
Office of Foreign Agricultural Relations, Washington 25,
D. C.
Production and Marketing Administration, Washington 25, D. C.

Department of Commerce:

Bureau of the Census, Washington 25, D. C.
Bureau of Public Roads, Washington 25, D. C.
Civil Aeronautics Administration, Washington 25, D. C.
National Production Authority, Washington 25, D. C.
Office of Business Economics, Washington 25, D. C.
Office of International Trade, Washington 25, D. C.

Department of the Interior:

Bureau of Mines, Washington 25, D. C.
Fish and Wildlife Service, Washington 25, D. C.
National Park Service, Washington 25, D. C.

Department of Justice:

Immigration and Naturalization Service, Washington 25, D. C.

Department of Labor:

Bureau of Employment Security, Washington 25, D. C.
Bureau of Labor Statistics, Washington 25, D. C.
Post Office Department, Washington 25, D. C.

United States Government, Incl. Independent Agencies—Con.

State Department:

Passport Division, Washington 25, D. C.

Treasury Department:

Bureau of Internal Revenue, Washington 25, D. C.
Bureau of the Mint, Washington 25, D. C.

Independent Agencies:

Board of Governors of the Federal Reserve System, Wash-
ington 25, D. C.
Civil Aeronautics Board, Washington 25, D. C.
Civil Service Commission, Washington 25, D. C.
Federal Communications Commission, Washington 25, D. C.
Federal Power Commission, Washington 25, D. C.
Federal Security Agency, Social Security Administration,
Washington 25, D. C.
Housing and Home Finance Agency:
Federal Housing Administration, Washington 25, D. C.
Home Loan Bank Board, Washington 25, D. C.
Federal Savings and Loan Insurance Corporation, Wash-
ington 25, D. C.
Interstate Commerce Commission, Washington 25, D. C.
Panama Canal, Balboa Heights, Canal Zone
Reconstruction Finance Corporation, Washington 25, D. C.
Securities and Exchange Commission, Washington 25, D. C.
Tariff Commission, Washington 25, D. C.
Veterans Administration, Washington 25, D. C.

United States Pulp Producers Association, Chanin Building, 122
East 42d Street, New York 17, N. Y.

Vacuum Cleaner Manufacturers Association, 1070 East 152d Street,
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West Coast Lumbermen's Association, 1410 Southwest Morrison
Street, Portland 5, Oreg.

Western Pine Association, Yeon Building, Portland 4, Oreg.

Willett and Gray, Inc., 140 Front Street, New York 5, N. Y.

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