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EMPLOYMENT AND PAY ROLLS

Detailed Report

February 1946

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Table 1. • Estimated Number of Production Workers in Manufacturing Industries 1/
(In thousands)

Industry Group or Industry	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
ALL MANUFACTURING 1/	9,983	10,655	10,519	13,725
DURABLE GOODS 1/	4,417	5,194	5,097	8,142
NONDURABLE GOODS 1/	5,566	5,461	5,422	5,583
Durable Goods				
IRON AND STEEL AND THEIR PRODUCTS 1/	862	1,313	1,294	1,741
Blast furnaces, steel works, and rolling mills	183.9	447.8	446.3	478.4
Gray-iron and semi-steel castings	71.2	74.3	72.3	75.3
Malleable-iron castings	17.6	24.5	23.0	26.0
Steel castings	25.6	52.6	52.4	72.4
Cast-iron pipe and fittings	14.6	15.4	15.1	15.7
Tin cans and other tinware	28.9	38.0	37.1	41.1
Wire drawn from purchased rods	15.1	29.4	28.9	32.6
Wirework	28.3	33.9	33.0	35.1
Cutlery and edge tools	21.6	23.1	23.1	24.2
Tools (except edge tools, machine tools, files, and saws)	21.5	24.2	23.2	27.4
Hardware	38.0	38.1	36.8	46.7
Plumbers' supplies	22.0	21.6	20.0	22.7
Stoves, oil burners, and heating equipment not elsewhere classified	44.0	51.6	51.3	64.0
Steam and hot-water heating apparatus and steam fittings	34.1	44.0	43.9	55.6
Stamped and enameled ware and galvanizing	57.8	68.6	67.4	87.9
Fabricated structural and ornamental metalwork	32.0	44.7	44.0	73.2
Metal doors, sash, frames, molding, and trim	6.8	7.9	7.5	10.9
Bolts, nuts, washers, and rivets	14.8	20.9	20.8	24.0
Forgings, iron and steel	22.9	25.6	25.1	35.7
Wrought pipe, welded and heavy riveted	7.1	14.5	14.5	23.6
Screw-machine products and wood screws	25.9	26.8	26.1	43.0
Steel barrels, kegs, and drums	2.7	6.3	6.2	8.3
Firearms	10.9	10.9	10.3	32.3
ELECTRICAL MACHINERY 1/	346	476	484	728
Electrical equipment	174.0	290.6	293.0	429.0
Radios and phonographs	64.9	65.5	62.8	117.5
Communication equipment	66.4	63.9	72.0	104.5

Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/Cont'd
(In thousands)

Industry Group or Industry	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
MACHINERY, EXCEPT ELECTRICAL 1/	818	941	914	1,218
Machinery and machine-shop products	295.0	333.7	324.7	454.2
Engines and turbines	24.5	39.0	38.6	67.7
Tractors	24.0	52.6	51.5	58.0
Agricultural machinery, excluding tractors	32.7	38.8	40.3	44.8
Machine tools	58.3	58.2	53.3	74.8
Machine-tool accessories	46.7	46.8	46.2	65.2
Textile machinery	26.6	29.0	27.9	26.4
Pumps and pumping equipment	47.5	52.8	52.5	72.6
Typewriters	15.3	14.7	14.3	13.0
Cash registers, adding and calculating machines	30.1	29.5	27.4	30.4
Washing machines, wringers and driers, domestic	9.9	9.9	9.6	12.6
Sewing machines, domestic and industrial	8.4	8.1	7.9	11.2
Refrigerators and refrigeration equipment	31.6	36.3	34.5	52.4
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES 1/				
AUTOMOBILES 1/	472	523	536	2,134
Locomotives	4.1	23.3	23.3	34.1
Cars, electric- and steam-railroad	41.9	47.2	45.7	59.2
Aircraft and parts, excluding aircraft engines	119.0	119.6	120.7	646.4
Aircraft engines	21.9	21.6	21.9	213.7
Shipbuilding and boatbuilding	229.6	251.5	264.7	973.0
Motorcycles, bicycles, and parts	8.6	8.5	8.1	9.6
AUTOMOBILES 1/	396	411	388	711
NONFERROUS METALS AND THEIR PRODUCTS 1/	291	333	326	421
Smelting and refining, primary, of nonferrous metals	33.2	35.3	35.2	39.7
Alloying and rolling and drawing of nonferrous metals except aluminum	47.0	55.7	54.6	71.9
Clocks and watches	24.8	23.7	22.9	26.2
Jewelry (precious metals) and jewelers' findings	16.5	15.8	15.3	13.2
Silverware and plated ware	12.7	12.2	11.7	10.9
Lighting equipment	17.2	17.8	18.4	26.2
Aluminum manufactures	24.6	42.0	40.7	68.8
Sheet-metal work, not elsewhere classified	20.4	22.5	21.8	32.2

Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/ Cont
(In thousands).

Industry Group or Industry	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
LUMBER AND TIMBER BASIC PRODUCTS 1/	521	514	499	516
Sawmills and logging camps	202.2	201.7	197.2	218.9
Planing and plywood mills	65.9	64.8	62.9	70.6
FURNITURE AND FINISHED LUMBER PRODUCTS 1/	355	348	336	351
Mattresses and bedsprings	18.3	17.9	17.1	17.8
Furniture	151.9	149.7	143.4	154.1
Wooden boxes, other than cigar	24.1	23.9	23.6	27.2
Caskets and other morticians' goods	12.9	12.5	12.2	12.3
Wood preserving	11.7	11.5	11.4	10.2
Wood, turned and shaped	21.9	21.4	21.3	21.5
STONE, CLAY, AND GLASS PRODUCTS 1/	35.6	33.5	32.0	32.2
Glass and glassware	99.7	87.3	78.8	87.6
Glass products made from purchased glass	11.8	10.9	10.8	11.0
Cement	22.2	21.6	21.2	16.1
Brick, tile, and terra cotta	52.9	52.0	49.7	41.2
Pottery and related products	42.9	41.6	40.7	39.3
Gypsum	4.9	4.7	4.6	4.0
Wallboard, plaster (except gypsum), and mineral wool	9.8	10.1	9.8	9.6
Lime	8.0	8.2	7.9	7.7
Marble, granite, slate, and other products	14.8	13.7	13.8	14.0
Abrasives	16.9	16.8	16.3	21.5
Asbestos products 2/	14.5	14.3	14.9	20.0
<u>Nondurable Goods</u>				
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURERS 1/	1,157	1,127	1,113	1,102
Cotton manufactures, except small wares	437.3	428.7	423.8	428.5
Cotton small wares	13.9	13.5	13.4	13.3
Silk and rayon goods	89.2	87.5	87.1	88.8
Woolen and worsted manufacturers, except dyeing and finishing	153.9	149.1	147.5	146.0
Hosiery	109.8	106.3	104.3	99.6
Knitted cloth	11.1	10.7	10.7	10.2
Knitted outerwear and knitted gloves	29.6	28.7	28.7	28.7
Knitted underwear	34.5	33.6	33.7	34.3
Dyeing and finishing textiles, including woolen and worsted	62.5	60.5	59.2	59.0
Carpets and rugs, wool	21.6	20.1	19.6	20.1
Hats, fur-felt	10.6	10.3	10.1	9.3
Jute goods, except felts	3.8	3.8	3.7	3.2
Cordage and twine	14.2	14.7	14.6	15.0

Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/ Cont'd
 (In thousands)

Industry Group or Industry	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS 1/				
Men's clothing, not elsewhere classified	1993	956	938	911
Shirts, collars, and nightwear	186.5	180.6	177.4	202.3
Underwear and neckwear, men's	51.7	50.5	50.7	49.4
Work shirts	11.7	11.3	11.5	12.0
Women's clothing, not elsewhere classified	13.5	12.6	13.0	14.3
Corsets and allied garments	213.7	207.1	203.9	213.6
Millinery	15.2	15.0	14.9	14.6
Handkerchiefs	20.8	19.6	18.2	20.2
Curtains, draperies, and bedspreads	2.5	2.3	2.4	2.6
House furnishing, other than curtains, etc.	11.6	11.4	11.5	10.2
Textile bags	10.5	9.7	9.1	11.4
Textile bags	14.4	14.7	14.7	14.4
LEATHER AND LEATHER PRODUCTS 1/	348	338	330	318
Leather	44.7	43.5	42.4	39.6
Boot and shoe cut stock, and findings	17.4	17.1	16.8	16.0
Boots and shoes	187.0	182.1	177.8	172.6
Leather gloves and mittens	11.7	11.1	11.4	12.0
Trunks and suitcases	13.5	12.6	12.2	12.9
FOOD 1/	1,045	1,051	1,078	1,033
Slaughtering and meat packing	151.4	152.6	147.7	144.9
Butter	21.7	21.0	21.7	21.6
Condensed and evaporated milk	12.8	12.6	12.9	13.5
Ice cream	15.5	15.0	15.2	13.5
Flour	31.4	31.5	30.9	29.6
Foods, prepared	23.5	23.8	23.3	21.5
Cereal preparations	10.7	10.1	10.0	9.3
Baking	253.2	254.1	253.2	257.2
Sugar refining, cane	12.5	12.9	12.9	15.3
Sugar, beet	4.5	7.0	18.0	4.2
Confectionery	51.4	52.8	55.2	58.3
Beverages, nonalcoholic	22.4	22.8	23.5	25.5
Malt liquors	55.5	54.8	53.4	50.1
Canning and preserving	89.1	92.1	107.4	101.2
TOBACCO MANUFACTURES 1/	81	81	82	82
Cigarettes	31.9	32.5	33.0	35.2
Cigars	36.4	35.2	35.0	33.2
Tobacco (chewing and smoking) and snuff	7.8	8.0	8.5	8.7

Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/Cont'd
(In thousands)

Industry Group or Industry	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
PAPER AND ALLIED PRODUCTS 1/	348	341	335	320
Paper and pulp	159.8	156.6	153.1	147.5
Paper goods, other	45.6	44.4	44.2	44.9
Envelopes	10.0	9.8	9.8	9.5
Paper bags	14.0	13.6	13.4	13.1
Paper boxes	83.1	82.6	81.6	77.9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES 1/	367	359	355	323
Newspapers and periodicals	124.9	122.3	121.9	108.8
Printing book and job	152.7	148.6	146.0	133.9
Lithographing	27.9	27.3	26.9	24.3
Bookbinding	29.8	29.1	28.7	28.0
CHEMICALS AND ALLIED PRODUCTS 1/	491	489	488	697
Paints, varnishes, and colors	33.8	33.0	32.3	29.5
Drugs, medicines, and insecticides	50.6	49.7	48.7	49.4
Perfumes and cosmetics	12.1	12.0	12.2	12.3
Soap	15.9	13.6	13.6	13.4
Rayon and allied products	59.7	59.4	57.7	54.7
Chemicals, not elsewhere classified	114.8	114.6	112.8	115.3
Explosives and safety fuses	16.1	17.3	21.5	97.9
Compressed and liquefied gases	5.3	5.6	5.5	6.0
Ammunition, small-arms	8.4	9.6	9.9	65.9
Fireworks	2.4	2.1	2.3	25.0
Cottonseed oil	15.4	17.7	19.4	18.5
Fertilizers 2/	28.5	24.9	22.6	25.1
PRODUCTS OF PETROLEUM AND COAL 1/	142	142	140	134
Petroleum refining	96.4	96.1	95.1	91.5
Coke and by-products	22.6	23.8	23.1	22.1
Paving materials	1.4	1.4	1.6	1.5
Roofing materials	10.8	10.4	10.1	9.5
RUBBER PRODUCTS	214	209	203	210
Rubber tires and inner tubes	101.4	98.8	96.2	96.4
Rubber boots and shoes	16.9	16.3	15.9	17.5
Rubber goods, other	66.7	65.7	64.4	72.5
MISCELLANEOUS INDUSTRIES 1/	380	368	360	423
Instruments (professional and scientific), and fire control equipment	22.3	22.1	22.4	59.6
Photographic apparatus	22.5	22.0	22.4	28.0
Optical instruments and ophthalmic goods	20.7	20.2	19.9	23.5
Pianos, organs, and parts	7.5	6.8	6.1	7.3
Games, toys, and dolls	18.7	17.6	17.5	16.3
Buttons	10.2	9.7	9.4	9.6
Fire extinguishers	2.3	2.3	2.4	4.7

Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/ Con't

- 1/ Estimates for the major industry groups have been adjusted to levels indicated by the final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency and should not be compared with the manufacturing employment estimates of production workers plus salaried employees appearing in Table 6. Data for the major industry groups are not comparable with data published in mimeographed releases dated prior to April 1946 or the May 1946 issue of the Monthly Labor Review. Comparable series from January 1944 are presented in Table 15. Estimates for individual industries have been adjusted to levels indicated by the 1939 Census of Manufactures, but not to Federal Security Agency data. For this reason, together with the fact that this Bureau has not prepared estimates for certain industries, the sum of the individual industry estimates will not agree with the totals shown for the major industry groups.
- 2/ Revisions have been made as follows in the data for earlier months:
 - Asbestos products - November 1945 production workers to 14.5
 - Fertilizers - October and November 1945 production workers to 20.7 and 21.1

Table 2. - Indexes of Production Worker Employment and Pay Rolls
in Manufacturing Industries 1/
(1939 Average = 100)

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
ALL MANUFACTURING 1/	121.9	130.1	128.4	167.5	210.6	229.1	226.2	344.8
DURABLE GOODS 1/	122.3	143.8	141.2	225.5	199.5	242.8	240.0	472.0
NONDURABLE GOODS 1/	121.5	119.2	118.4	121.9	221.5	215.7	212.7	220.4
Durable Goods								
IRON AND STEEL AND THEIR PRODUCTS 1/	86.9	132.4	150.5	175.6	133.1	216.5	220.5	332.1
Blast furnaces, steel works, and rolling mills	47.3	115.3	114.9	123.1	57.7	171.4	181.2	223.6
Gray-iron and semi-steel castings	121.9	127.2	123.7	128.8	228.8	247.0	240.5	267.5
Malleable-iron castings	97.8	138.7	127.3	144.0	185.1	263.5	259.3	305.8
Steel castings	85.1	174.9	174.2	240.5	143.9	263.6	296.8	453.5
Cast-iron pipe and fittings	88.4	93.3	91.2	94.9	172.7	184.8	176.4	196.8
Tin cans and other tinware	91.0	119.7	116.8	129.3	149.2	208.0	202.3	227.4
Wire drawn from purchased rods	68.9	134.0	131.7	148.6	99.2	199.2	199.7	255.7
Wirework	93.3	111.6	108.7	115.5	162.6	206.2	200.0	236.9
Cutlery and edge tools	140.2	150.1	149.7	157.0	288.2	305.3	301.7	333.3
Tools (except edge tools, machine tools, files, and saws)	140.6	158.3	151.5	179.1	262.3	290.3	272.5	352.0
Hardware	106.6	106.8	103.3	131.0	195.1	205.1	195.5	277.7
Plumbers' supplies	89.4	87.8	81.1	92.1	148.5	146.8	136.6	176.6
Stoves, oil burners, and heating equipment not elsewhere classified	95.4	111.9	111.2	138.8	159.4	197.2	197.7	273.9
Steam and hot-water heating apparatus and steam fittings	112.5	145.1	145.0	183.5	191.8	251.9	253.9	355.3
Stamped and enameled ware and galvanizing	104.1	123.4	121.3	158.2	188.7	225.0	222.4	338.1
Fabricated structural and ornamental metalwork 2/	90.2	125.9	123.8	206.1	136.9	196.3	196.0	396.0
Metal doors, sash, frames, molding, and trim	88.4	101.6	96.8	140.9	144.7	168.0	176.1	277.6
Bolts, nuts, washers, and rivets	103.4	145.8	145.2	167.5	179.9	248.4	266.4	335.3
Forgings, iron and steel	149.3	166.4	163.5	232.1	242.1	294.4	285.6	484.4
Wrought pipe, welded and heavy riveted 2/	84.6	172.8	173.3	281.6	133.9	279.0	280.1	566.5
Screw-machine products and wood screws	153.0	158.4	154.0	253.8	268.9	290.1	284.4	514.6
Steel barrels, kegs, and drums	44.5	103.4	101.9	137.2	84.8	191.5	183.1	274.8
Firearms	217.9	217.0	208.8	645.2	399.9	398.1	380.8	557.7
ELECTRICAL MACHINERY 1/	133.7	183.7	186.9	281.0	210.4	302.6	308.5	528.3
Electrical equipment	96.3	160.8	162.1	237.3	144.4	258.9	261.6	451.9
Radios and phonographs	149.1	150.6	144.4	270.0	271.8	271.9	258.1	535.1
Communication equipment	206.7	199.0	224.1	325.4	334.6	327.4	369.5	555.5

Table 2. - Indexes of Production Worker Employment and Pay Rolls
In Manufacturing Industries 1/ - Continued

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
MACHINERY, EXCEPT ELECTRICAL 1/	154.7	178.2	172.9	230.6	252.3	295.8	285.7	443.9
Machinery and machine-shop products	145.8	161.9	160.5	224.5	239.4	272.8	265.4	423.7
Engines and turbines	131.3	209.0	207.2	562.9	230.5	371.4	364.1	791.8
Tractors	76.7	183.1	184.6	185.3	97.0	241.9	235.3	292.0
Agricultural machinery, excluding tractors	117.5	139.6	145.0	161.0	183.6	230.9	249.4	328.3
Machine tools	159.2	158.8	145.6	204.3	257.1	262.9	244.5	381.9
Machine-tool accessories	185.7	186.1	183.5	259.1	276.7	284.1	279.2	465.8
Textile machinery	121.5	132.6	127.5	120.6	222.7	247.5	241.2	233.6
Pumps and pumping equipment	195.9	217.9	216.8	299.7	345.8	391.4	405.3	645.9
Typewriters	94.5	90.7	88.1	79.9	174.4	166.2	163.9	164.3
Cash registers, adding and calculating machines	153.6	149.9	139.3	154.5	253.9	262.0	239.2	301.2
Washing machines, wringers and driers, domestic	132.1	133.1	128.3	168.3	201.5	213.1	207.1	314.5
Sewing machines, domestic and industrial	106.7	102.8	100.3	142.5	195.8	185.3	180.6	305.6
Refrigerators and refrigeration equipment	89.8	103.3	98.2	149.0	126.7	151.2	143.5	276.6
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES 1/	297.3	329.5	338.0	344.6	493.2	563.7	577.2	2281.5
Locomotives	62.8	360.8	360.3	526.6	120.7	735.5	772.9	218.0
Cars, electric- and steam-railroad	171.0	192.3	186.2	241.4	290.2	329.7	314.8	504.2
Aircraft and parts, excluding aircraft engines	299.9	301.3	304.1	329.1	516.8	515.7	520.4	3234.6
Aircraft engines	246.5	242.5	246.2	203.5	378.5	359.8	346.5	368.4
Shipbuilding and boatbuilding	331.5	333.3	332.3	1405.2	531.3	610.7	641.2	3107.6
Motorcycles, bicycles, and parts	123.5	122.0	116.2	158.4	193.4	204.4	195.9	268.9
AUTOMOBILES 1/	98.5	102.2	96.4	176.8	134.3	152.2	135.5	333.8
NONFERROUS METALS AND THEIR PRODUCTS 1/	126.8	145.3	142.2	183.8	228.7	256.1	250.4	358.2
Smelting and refining, primary, of nonferrous metals	120.3	127.8	127.4	143.5	210.7	224.7	221.4	263.7
Alloying and rolling and drawing of nonferrous metals except aluminum	121.1	143.5	140.6	135.2	221.6	256.7	217.0	361.7
Clocks and watches	122.1	116.7	112.9	129.0	236.3	219.8	211.6	283.7
Jewelry (precious metals) and jewelers' findings	114.0	109.5	106.0	91.4	211.5	203.1	202.2	159.6
Silversware and plated ware	104.5	100.7	96.8	89.9	208.5	198.2	192.3	165.6
Lighting equipment	84.1	87.1	90.0	128.2	133.0	137.7	136.5	233.6
Aluminum manufactures	104.3	178.5	172.6	292.3	172.8	269.1	266.7	542.2
Sheet-metal work, not elsewhere classified	108.6	119.3	116.2	171.5	197.1	214.1	215.0	335.2

Table 2. - Indexes of Production Worker Employment and Pay Rolls
in Manufacturing Industries 1/ - Continued

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
LUMBER AND TIMBER BASIC PRODUCTS 1/								
Sawmills and logging camps	124.0	122.5	118.6	122.7	218.7	207.7	199.4	225.1
Planing and plywood mills	70.2	70.0	68.5	76.0	123.0	118.2	114.1	140.4
	90.8	89.2	86.6	97.2	157.8	148.9	144.8	170.6
FURNITURE AND FINISHED LUMBER PRODUCTS 1/								
Mattresses and bedsprings	108.1	106.0	102.6	107.0	200.4	192.9	188.1	202.8
Furniture	99.9	97.7	93.4	97.2	173.6	173.7	161.7	176.1
Wooden boxes, other than cigar	95.4	94.0	90.1	98.8	176.7	169.3	164.3	184.0
Caskets and other morticians' goods	95.2	94.2	93.2	107.2	190.1	185.4	188.8	211.3
Wood preserving	103.7	100.6	97.8	98.5	179.7	169.8	164.7	179.1
Wood, turned and shaped	103.8	102.7	101.4	90.4	210.8	203.9	211.0	188.2
	99.4	97.3	96.6	97.9	183.0	180.2	178.2	180.0
STONE, CLAY, AND GLASS PRODUCTS 1/								
Glass and glassware	121.4	114.3	109.1	109.6	203.0	184.9	181.7	186.8
Glass products made from purchased glass	142.8	125.0	112.9	125.5	235.7	192.1	182.1	202.0
Concrete	117.8	108.6	108.0	109.6	205.2	178.9	180.8	188.4
Brick, tile, and terra cotta	93.4	90.8	89.0	67.6	138.3	132.0	136.1	106.0
Pottery and related products	93.2	91.5	87.5	72.5	157.8	154.5	147.5	119.4
Gypsum	129.6	125.6	123.0	118.7	209.5	195.5	195.3	186.7
Wallboard, plaster, (except gypsum), and mineral wool	100.1	95.8	93.3	81.3	165.2	160.5	150.4	141.2
Lime	121.5	121.1	121.1	117.9	227.3	232.0	228.3	222.1
Marble, granite, slate, and other products	84.8	86.2	83.7	81.1	167.7	169.8	171.8	155.7
Abrasives	79.8	74.0	74.5	75.4	121.5	109.6	113.6	115.3
Asbestos products 2/	210.9	217.6	211.2	277.8	301.5	325.3	337.6	486.6
	91.1	89.9	93.6	125.6	191.5	177.6	181.3	263.9
Nonurable Goods								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES 1/								
Cotton manufactures, except small wares	101.2	98.6	97.3	96.4	203.7	190.7	186.0	177.5
Cotton small wares	110.4	103.3	107.0	108.2	230.0	217.0	216.2	207.3
Silk and rayon goods	104.6	101.6	100.3	100.1	200.0	195.6	191.5	192.1
Woolen and worsted manufactures, except dyeing and finishing	74.4	73.0	72.7	74.1	158.3	149.4	148.8	140.0
Hosiery	103.1	99.9	98.3	97.8	226.9	206.6	200.0	193.1
Knitted cloth	69.0	66.6	65.6	62.6	125.3	115.7	113.1	102.4
Knitted outerwear and knitted gloves	101.2	98.3	97.8	93.9	202.3	190.8	186.7	166.9
Knitted underwear	105.4	102.1	101.9	102.0	211.0	196.3	197.7	191.8
Dyeing and finishing textiles, including woolen and worsted	89.4	87.3	87.6	89.1	174.1	165.9	166.1	167.3
Carpets and rugs, wool	93.4	90.5	88.6	88.3	177.0	167.7	163.9	151.3
Hats, fur-felt	81.5	73.7	76.6	73.7	146.4	135.1	132.5	133.3
Jute goods, except felts	73.2	70.7	69.7	64.0	153.4	151.9	147.4	126.8
Cordage and twine	105.6	105.0	103.7	90.0	211.0	205.0	206.2	170.5
	117.0	121.2	120.5	123.0	206.1	229.2	223.4	235.2

Table 2. - Indexes of Production Worker Employment and Pay Rolls
in Manufacturing Industries 1/ - Continued

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
APPAREL AND OTHER FINISHED								
TEXTILE PRODUCTS 1/	125.8	121.0	118.9	119.2	240.2	228.0	215.0	227.5
Men's clothing, not elsewhere classified	85.3	82.6	81.1	82.5	153.1	148.0	140.7	170.7
Shirts, collars, and nightwear	73.4	71.7	72.0	70.2	147.7	135.9	133.5	131.5
Underwear and neckwear, men's	72.2	70.1	71.2	74.2	159.8	147.5	154.4	154.5
Work shirts	100.5	93.9	96.5	106.3	198.5	182.2	172.7	208.1
Women's clothing, not elsewhere classified	78.7	76.3	75.1	78.6	153.3	140.4	140.9	154.3
Corsets and allied garments	83.6	79.9	79.4	77.5	153.9	147.5	140.4	137.2
Millinery	85.5	80.7	74.8	83.1	152.7	147.1	118.6	155.6
Handkerchiefs	51.2	47.1	49.1	53.5	105.4	87.6	92.4	101.1
Curtains, draperies, and bedspreads	63.7	67.4	68.1	60.3	128.9	128.6	132.3	120.2
House furnishings, other than curtains, etc.	98.5	91.0	95.5	107.7	173.5	166.0	150.1	209.3
Textile bags	120.3	122.5	122.3	120.1	206.4	204.2	206.4	208.3
LEATHER AND LEATHER PRODUCTS 1/								
Leather	100.4	97.4	95.2	91.6	194.5	185.2	179.2	188.6
Boot and shoe cut stock and findings	94.5	92.0	89.7	83.8	165.3	163.2	161.6	149.7
Boots and shoes	92.6	90.6	89.0	84.8	165.0	160.8	154.6	145.1
Leather gloves and mittens	35.8	33.5	31.6	29.2	174.1	164.0	157.1	149.9
Trunks and suitcases	116.9	111.6	113.9	120.1	210.1	201.7	202.1	208.1
162.7	150.8	146.4	155.4	279.5	261.7	263.7	257.8	
FOOD 1/								
Slaughtering and meat packing	122.2	123.0	126.2	120.8	211.5	215.0	220.4	195.9
Butter	125.6	126.7	122.6	120.3	200.0	217.9	214.9	188.1
Condensed and evaporated milk	120.7	117.2	121.1	120.1	200.9	195.1	197.6	190.1
Ice cream	132.3	130.2	132.8	139.1	225.5	219.3	215.9	227.8
Flour	98.5	95.3	96.7	86.1	152.3	146.2	148.8	125.0
Feeds, prepared	126.8	127.3	124.9	119.4	242.4	228.8	221.3	204.3
Cereal preparations	152.6	151.7	151.3	139.8	272.7	276.4	261.6	241.6
Baking	143.4	135.8	133.8	124.6	238.7	229.6	230.3	227.3
Sugar refining, cane	109.7	110.2	109.8	111.5	131.2	130.1	131.2	168.6
Sugar, beet	88.6	90.8	91.4	107.8	129.1	140.4	142.9	175.6
Confectionery	43.6	67.4	173.3	40.2	70.6	109.0	279.7	60.4
Beverages, nonalcoholic	103.4	106.2	110.9	117.1	183.2	191.1	201.6	198.6
Malt liquors	105.5	107.4	110.7	119.8	144.9	116.3	150.4	157.0
Canning and preserving	153.9	151.9	148.0	133.7	237.8	220.1	227.1	200.6
66.3	65.5	79.8	75.2	136.0	113.6	167.3	149.0	
TORACCO MANUFACTURES 1/								
Cigarettes	87.3	87.0	87.8	88.2	165.2	166.7	164.1	165.6
Cigars	116.1	110.3	120.4	128.3	194.3	201.4	184.8	207.6
Tobacco (chewing and smoking) and snuff	71.5	69.2	68.8	65.3	140.9	145.7	140.0	135.4
84.6	87.7	92.5	95.0	133.4	137.4	155.6	157.3	

Table 2. - Indexes of Production Worker Employment and Pay Rolls
in Manufacturing Industries 1/ - Continued

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
PAPER AND ALLIED PRODUCTS 1/	131.0	128.6	126.3	120.5	226.2	221.7	219.0	201.7
Paper and pulp	116.3	113.9	111.4	107.3	203.6	198.4	196.6	182.8
Paper goods, other	121.2	118.0	117.6	119.3	206.6	201.8	198.1	198.0
Envelopes	115.1	113.2	112.3	109.3	185.4	185.5	178.8	172.6
Paper bags	126.3	122.6	121.2	118.0	224.8	221.6	218.3	205.8
Paper boxes	120.1	119.5	118.0	112.6	204.0	204.2	203.1	183.7
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES 1/	112.1	109.4	108.1	98.5	170.6	165.7	163.2	138.2
Newspapers and periodicals	105.3	103.1	102.7	91.7	148.9	143.5	141.9	118.3
Printing, book and job	120.9	117.6	115.5	106.0	193.9	188.8	184.7	156.5
Lithographing	107.3	105.2	103.4	93.6	161.8	163.4	161.6	134.1
Bookbinding	115.7	113.1	111.2	108.5	212.9	202.8	206.4	185.3
CHEMICALS AND ALLIED PRODUCTS 1/	170.3	169.7	169.2	241.9	286.3	285.2	283.4	426.2
Paints, varnishes, and colors	120.1	117.4	114.8	105.0	185.2	180.1	178.1	170.1
Drugs, medicines, and insecticidos 2/	184.8	181.5	177.8	180.1	295.7	281.4	276.2	277.3
Perfumes and cosmetics	116.8	115.4	113.1	118.8	184.9	174.9	183.0	170.2
Soap	102.2	100.3	100.1	98.4	167.2	169.1	163.9	169.7
Rayon and allied products	123.6	123.0	119.6	113.4	194.9	197.0	193.8	180.2
Chemicals, not elsewhere classified	165.0	161.7	162.2	165.7	275.9	276.8	267.0	295.3
Explosives and safety fuses	222.3	238.7	296.6	1349.1	348.1	365.1	489.7	2019.9
Compressed and liquefied gases	132.7	141.0	140.0	151.3	203.6	233.5	225.6	273.2
Ammunition, small-arms	197.5	225.8	233.2	1544.3	384.0	428.2	136.5	3070.0
Fireworks 2/	203.3	183.4	198.8	2156.6	509.9	471.3	196.2	2093.5
Cottonseed oil	101.1	116.8	128.0	121.5	215.3	252.8	279.6	256.7
Fertilizers 2/	151.7	132.5	120.4	133.6	335.9	282.7	257.9	301.9
PRODUCTS OF PETROLEUM AND COAL 1/	133.7	131.0	132.3	126.4	224.7	220.9	222.2	223.8
Petroleum refining	132.3	131.9	130.6	125.6	217.4	210.6	212.6	218.2
Coke and by-products 2/	101.0	109.7	106.5	102.0	179.3	189.3	190.0	185.0
Paving materials	59.2	57.6	64.5	60.5	113.6	100.8	125.3	113.6
Roofing materials	134.4	128.8	125.7	118.2	241.0	237.1	223.9	216.2
RUBBER PRODUCTS 1/	177.1	172.7	168.2	173.2	292.1	290.1	275.5	339.5
Rubber tires and inner tubes	187.3	182.4	177.0	178.0	271.9	272.6	256.7	339.8
Rubber boots and shoes	113.9	109.7	107.1	118.3	211.5	203.6	194.5	224.2
Rubber goods, other	128.8	126.9	124.4	140.0	233.8	231.8	225.1	265.5
MISCELLANEOUS INDUSTRIES 1/	155.4	150.4	147.3	173.1	278.3	271.0	266.7	314.5
Instruments (professional and scientific), and fire control equipment	201.3	200.2	202.3	539.2	321.7	330.4	332.1	1063.0
Photographic apparatus	130.1	127.1	129.9	162.1	204.5	198.7	204.3	276.1
Optical instruments and ophthalmic goods	178.0	173.7	171.1	202.6	300.8	295.9	290.8	350.5
Pianos, organs, and parts	98.5	83.9	80.2	95.0	159.8	148.5	138.3	182.4
Games, toys, and dolls	100.4	94.1	94.0	87.4	199.2	179.2	172.6	105.6
Buttons	93.1	88.0	85.7	87.2	186.0	173.2	173.2	131.1
Fire extinguishers	227.2	231.3	238.9	463.1	466.9	456.0	491.5	1061.1

Table 2. - Indexes of Production-Worker Employment and Pay Rolls in Manufacturing Industries I / Continued

1/ Indexes for the major industry groups have been adjusted to levels indicated by the final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency. Indexes for the major industry groups are not comparable with those published in mimeographed releases dated prior to April 1946 or the May 1946 issue of the Monthly Labor Review. Comparable series from January 1944 are presented in Table 15.

2/ Revisions have been made as follows in the indexes for earlier months:

Fabricated structural and ornamental metalwork - September 1945 pay-roll index to 100.3.

Wrought pipe, welded and heavy riveted - August through November 1945 pay-roll indexes to 544.3, 237.3, 253.0, and 260.6.

Asbestos products - November 1945 employment index to 91.1; pay-roll index to 175.9.

Drugs, medicines, and insecticides - October 1945 pay-roll index to 260.1.

Fireworks - November 1945 pay-roll index to 666.9.

Fertilizers - October and November 1945 employment indexes to 110.3 and 112.4.

Coke and by-products - November 1945 pay-roll index to 181.0.

Table 3. - Indexes of Employment and Pay Rolls in
Selected Nonmanufacturing Industries
(1939 Average = 100)

Industry Group or Industry	Employment Indexes				Pay-roll Indexes			
	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
Mining:								
Anthracite	81.1	79.3	79.0	79.2	178.3	149.3	167.1	150.2
Bituminous coal 1/	92.0	91.2	89.3	90.6	222.8	209.9	222.0	212.6
Metal:								
Iron	71.0	76.4	75.2	78.1	95.9	116.6	117.6	129.7
Copper	107.5	114.8	117.6	116.6	81.2	163.6	178.2	202.4
Lead and zinc	75.7	85.9	82.5	93.1	123.9	137.1	135.4	155.3
Gold and silver	94.1	95.6	91.5	95.7	183.0	180.4	173.5	182.4
Miscellaneous	28.6	27.2	26.2	22.7	38.5	35.8	34.4	29.9
Quarrying and nonmetallic	49.2	56.9	55.0	69.7	75.8	83.7	82.8	118.0
Crude petroleum production 2/	84.3	83.3	83.8	75.4	157.2	150.9	155.0	137.0
Public utilities:								
Telephone	91.0	90.0	88.4	82.4	142.0	139.0	135.9	133.7
Telegraph	153.7	146.3	143.0	126.8	230.7	205.2	203.5	159.0
Electric light and power	3/	3/	126.4	119.2	3/	3/	178.8	171.4
Street railways and busses	94.7	92.9	90.7	82.2	138.3	133.7	129.8	117.3
Wholesale trade	125.6	123.7	122.7	118.4	187.8	181.4	184.0	178.9
Retail trade:								
Food	105.5	104.7	104.1	95.7	165.0	161.2	159.2	141.5
General merchandise	104.2	104.0	116.0	97.2	157.4	154.7	167.6	130.5
Apparel	103.3	106.6	108.0	106.7	161.6	159.6	159.5	141.6
Furniture and house furnishings	114.3	116.5	152.5	111.4	166.7	166.2	209.2	141.8
Automotive	104.8	106.0	129.1	102.8	162.3	163.0	194.0	140.6
Lumber and building materials	72.9	70.9	75.1	61.7	112.5	107.1	114.3	88.2
Hotels (year-round) 4/	86.8	85.8	84.5	67.6	138.9	139.0	134.8	103.9
Power laundries	103.5	101.8	102.0	88.6	161.6	158.6	156.7	130.4
Cleaning and dyeing	118.7	117.3	117.6	109.6	199.8	196.4	196.1	167.9
Class I steam railroads 5/	109.0	109.3	107.8	105.4	177.0	178.7	174.3	159.4
Water transportation 6/	121.5	120.3	119.9	112.3	199.1	201.7	196.9	175.9
	138.3	141.0	141.5	143.1	3/	3/	3/	3/
	316.9	314.8	315.7	281.6	577.3	575.3	583.1	708.2

1/ October 1945 pay-roll index revised to 120.5.

2/ Does not include well drilling or rig building.

3/ Not available.

4/ Cash payments only; additional value of board, room, and tips, not included.

5/ Source: Interstate Commerce Commission.

6/ Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes vessels under bareboat charter to, or owned by the Army or Navy.

Table 4. - Estimated Number of Employees in
Selected Nonmanufacturing Industries - (In thousands)

Industry	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945
Mining: 1/				
Anthracite	67.2	65.7	65.4	65.6
Bituminous coal	341	338	333	337
Metal:	63.3	67.4	66.3	68.9
Iron	21.6	23.0	23.7	23.4
Copper	18.0	20.5	19.7	22.2
Lead and zinc	14.6	14.9	14.2	14.9
Gold and silver	7.1	6.7	6.5	5.6
Miscellaneous	2.0	2.5	2.2	2.8
Telephone	488	465	454	403
Telegraph 2/	5/	3/	47.6	44.9
Electric light and power	231	227	222	201
Street railways and busses	243	240	238	229
Hotels (year-round)	333	378	379	353
Power laundries	4/	4/	4/	4/
Cleaning and dyeing	4/	4/	4/	4/
Class I steam railroads 5/	1,365	1,393	1,398	1,413
Water transportation 6/	166	165	166	148

1/ Data are for production workers only.

2/ Excludes messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies.

3/ Not available.

4/ The change in definition from "wage earner" to "production worker" in the power laundries and cleaning and dyeing industries results in the omission of driver-salesmen. This causes a significant difference in the data. New series are being prepared.

5/ Source: Interstate Commerce Commission.

6/ Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes vessels under bareboat charter to, or owned by the Army or Navy.

Table 5. - Percentage Changes in Employment and Pay Rolls
in Selected Nonmanufacturing Industries, February 1946

Industry	Employment		Pay Roll	
	Percentage change from Jan. 1946	Feb. 1945	Percentage change from Jan. 1946	Feb. 1945
Wholesale trade:				
Food products	+ .7	+10.2	+ 2.4	+16.6
Groceries and food specialties	+ .7	+ 6.5	+ 2.2	+14.4
Dry goods and apparel	+ .6	+ 4.9	+ 1.3	+13.1
Machinery, equipment and supplies	+ 1.9	+ 4.4	+ 6.8	+14.3
Farm products	+ 1.3	+10.4	+ 3.2	+13.3
Petroleum and petroleum products (incl. bulk tank stations)	- 6.4	+29.7	+ 4.3	+25.0
Automotive	+ 2.0	+13.9	0	+18.5
Brokerage	+ 2.7	+24.9	+ 3.8	+30.5
Insurance	+ 5.5	+28.7	+ 6.6	+45.1
	+ 3.0	+ 9.5	+ 5.4	+22.2

Table 6. - Estimated Number of Employees in Nonagricultural Establishments
by Industry Division

(In thousands)

Industry Division	Feb. 1946	Jan. 1946	Dec. 1945	Feb. 1945	Average 1945
Total 1/	35,241	35,818	36,314	37,968	36,981
Manufacturing 2/	11,297	12,038	11,910	15,517	13,897
Mining	808	810	802	798	779
Contract Construction and Federal force account construction	1,251	1,132	1,042	599	834
Transportation and public utilities	3,905	3,896	3,896	3,771	3,822
Trade	7,502	7,485	7,959	6,965	7,173
Finance, service, and miscellaneous	5,031	4,984	4,936	4,360	4,589
Federal, State and local government, excluding Federal force account construction	5,447	5,473	5,769	5,938	5,887

1/ Estimates include all full- and part-time wage and salary workers in nonagricultural establishments who are employed during the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

2/ Estimates for manufacturing have been adjusted to levels indicated by final 1942 data made available by the Bureau of Employment Security of the Federal Security Agency. Since the estimated number of production workers in manufacturing industries have been further adjusted to final 1944 data, subsequent to December 1942, the two sets of estimates are not comparable.

Table 7. - Estimated Number of Employees in Nonagricultural Establishments, by State
(In thousands)

Region and State	All industry divisions			Manufacturing		
	Jan. 1946	Dec. 1945	Jan. 1945	Jan. 1946	Dec. 1945	Jan. 1945
New England	,2,785	,2,816	2,955	1,232	1,220	1,501
Maine	225	228	246	92.7	91.1	113
New Hampshire	137	137	129	68.3	67.0	65.3
Vermont	87.6	85.2	80.3	30.6	30.7	32.7
Massachusetts	1,472	1,507	1,542	586	593	715
Rhode Island <u>1/2</u>	251	248	272	133	127	157
Connecticut	612	611	686	321	311	418
Middle Atlantic	8,478	8,621	8,998	3,292	3,283	4,012
New York	4,243	4,314	4,455	1,418	1,417	1,763
New Jersey	1,283	1,309	1,461	643	646	850
Pennsylvania	2,952	2,998	3,082	1,231	1,220	1,399
East North Central	7,749	7,776	8,471	3,460	3,375	4,432
Ohio	2,122	2,125	2,290	984	960	1,206
Indiana	884	892	1,017	399	386	556
Illinois <u>1/2</u>	2,632	2,655	2,706	1,059	1,034	1,241
Michigan	1,381	1,381	1,696	655	628	992
Wisconsin <u>1/2</u>	730	743	762	363	367	437
West North Central	2,637	2,670	2,800	675	666	946
Minnesota <u>1/2</u>	617	621	614	185	161	220
Iowa <u>1/3</u>	430	436	435	128	126	157
Missouri	855	874	939	246	243	352
North Dakota <u>1/3</u>	74.5	77.5	69.0	6.2	7.0	5.8
South Dakota <u>1/3</u>	82.0	82.4	79.1	10.2	9.5	10.2
Nebraska <u>1/3</u>	242	246	262	44.1	45.7	65.6
Kansas	330	333	402	55.5	53.7	135
South Atlantic	4,225	4,281	4,514	1,300	1,288	1,610
Delaware	85.4	85.6	93.9	39.7	39.1	50.0
Maryland <u>1/2</u>	571	535	604	214	217	503
District of Columbia	445	451	455	14.2	14.1	14.5
Virginia	627	634	669	165	161	196
West Virginia	405	405	413	112	109	134
North Carolina	694	697	697	333	331	357
South Carolina	353	364	375	162	160	170
Georgia	585	599	654	199	197	275
Florida	460	460	493	61.5	59.4	110

Table 7. - Estimated Number of Employees in Nonagricultural Establishments, by State

Cont'd

(In thousands)

Region and State	All industry divisions			Manufacturing		
	Jan. 1946	Dec. 1945	Jan. 1945	Jan. 1946	Dec. 1945	Jan. 1945
East South Central	1,625	1,647	1,750	533	532	689
Kentucky	425	424	422	102	101	120
Tennessee	503	514	535	172	173	215
Alabama	470	476	547	189	188	270
Mississippi	227	233	246	69.6	69.5	84.1
West South Central	2,291	2,368	2,548	446	468	703
Arkansas	225	236	270	46.7	48.5	71.3
Louisiana	436	453	482	114	124	161
Oklahoma	334	341	373	41.4	43.2	90.6
Texas	1,296	1,338	1,418	244	252	380
Mountain	881	910	872	111	120	138
Montana	109	112	102	9.6	10.5	12.6
Idaho <u>1/4</u>	95.5	97.8	92.7	17.1	17.2	16.7
Wyoming <u>1/4</u>	68.9	72.4	60.5	5.3	5.7	5.0
Colorado <u>1/4</u>	255	266	257	47.6	52.7	53.2
New Mexico <u>1/4</u>	82.8	84.0	77.9	8.1	8.2	7.7
Arizona	99.5	99.9	108	6.8	7.6	18.9
Utah	130	156	136	15.2	17.2	22.3
Nevada	40.6	42.2	37.9	1.3	1.3	1.8
Pacific	2,963	3,028	3,489	779	781	1,385
Washington	512	526	624	136	137	251
Oregon	290	292	361	76.0	76.8	163
California <u>1/2</u>	2,181	2,210	2,504	567	567	971

1/ Estimates for manufacturing have been revised to conform with the new series prepared by cooperating state or Regional office. Because this series has been adjusted to recent data made available under the Federal Social Security program, it is not comparable with data previously shown nor with current estimates for "All Industry Divisions". Comparable series for manufacturing estimates, January 1943 to date, available upon request to Regional Director, U.S. Department of Labor or cooperating state agency.

2/ Data secured in cooperation with:

Rhode Island - Dept. of Labor, Division of Census and Statistics,
Providence 2.

Illinois - Dept. of Labor, Division of Statistics and Research, Chicago 6
Wisconsin - Industrial Commission of Wisconsin, Madison 3.

Minnesota - Division of Employment and Security, St. Paul 1.

Maryland - Dept. of Labor and Industry, Baltimore 2.

California - Division of Labor Statistics and Research, 515 Van Ness Avenue,
San Francisco 2.

3/ Address: Regional Director, U.S. Dept. of Labor, Chicago 6, Illinois.

4/ Address: Regional Director, U. S. Dept. of Labor, Denver 2, Colorado.

Table 8.—Employment and Pay Rolls in Regular Federal Services
and in Government Corporations, February 1945, January and February 1946 1/
(In thousands)

Branch	Employment 2/			Pay rolls 3/		
	February 1946 4/	January 1946 5/	February 1945	February 1946 4/	January 1946 4/	February 1945
Total	2,923.4	2,973.5	3,516.7	\$538,371	\$545,192	\$662,047
Executive 6/	2,879.9	2,930.1	3,473.3	530,103	534,832	654,307
Washington D.C. metropolitan area	233.0	229.4	256.0	53,234	52,877	54,239
War agencies 7/	91.0	92.1	127.5	19,743	19,974	25,782
Other agencies	142.0	137.4	128.5	33,491	32,903	28,457
Other areas	2,646.9	2,698.7	3,217.2	476,869	481,955	600,068
War agencies 7/	1,770.2	1,853.4	2,498.0	299,431	314,007	402,906
Continental United States	1,286.1	1,324.3	1,929.9	261,956	274,613	413,448
Outside continental United States 8/	484.1	529.1	568.1	37,476	39,394	49,458
Other agencies	876.7	847.3	719.2	177,437	167,948	137,162
Continental United States	855.0	825.3	702.9	172,709	163,236	133,663
Outside continental United States 8/	21.7	22.1	16.3	4,728	4,712	3,499
Legislative	6.4	6.4	6.6	1,771	1,767	1,612
Judicial	3.0	3.0	2.6	968	968	782
Government corporations 9/	34.0	34.0	34.2	5,528	5,625	5,346

Prepared by the Division of Construction and Public Employment

1/ Because of rounding, data will not necessarily add to the sum of the items shown.

2/ Employment is as of the first of the month.

3/ Data are for all pay periods ending within the calendar month.

4/ Preliminary.

5/ Revised.

6/ Includes data for United States navy yards and force-account construction which are also included under construction and shipbuilding and repair projects (tables 11 and 12). Beginning July 1945, data are included for approximately 22,000 clerks at third-class post offices who formerly worked on a contract basis.

7/ Covers War and Navy Departments, Maritime Commission, National Advisory Committee for aeronautics, The Panama Canal, and the emergency war agencies.

8/ Includes Alaska and the Panama Canal Zone.

9/ Covers the Panama Railroad Company, the Federal Reserve banks, and banks of the Farm Credit Administration whose employees are paid out of operating revenues and not out of Federal appropriations. Data for other Government corporations are included under the executive service.

Note: Revisions which are made from time to time for months prior to those shown in this table are available in the Monthly Labor Review under "Trend of Employment, Earnings, and Hours: Public Employment." Mimeographed tables showing Federal employment monthly from 1939 to date and Federal pay rolls from 1943 to date are available upon request.

Table 9.—Estimated Employment in the Executive Branch of the Federal Government
by State, January 1945 and January 1946 ^{1/}

(In thousands)

Region and State	January 1945				January 1946			
	Total	War agencies 2/	Post Office Depart- ment	Other agencies	Total	War agencies 2/	Post Office Depart- ment	Other agencies
Continental United States, total	2,343.0	1,405.8	394.7	542.6	2,816.8	2,018.0	349.4	447.4
New England	134.2	89.2	29.1	15.9	176.5	137.7	25.2	13.5
Maine ^{3/}	19.3	13.9	3.2	2.1	26.6	22.1	2.5	1.9
New Hampshire ^{3/}	4.2	1.8	1.6	.8	3.9	1.9	1.4	.6
Vermont	2.9	.3	1.5	1.2	2.7	.5	1.3	1.0
Massachusetts	81.3	57.1	15.6	8.6	107.7	86.4	13.7	7.5
Rhode Island	15.8	13.0	1.9	.8	23.7	21.4	1.7	.7
Connecticut	10.6	3.1	5.2	2.3	11.8	5.3	4.6	1.9
Middle Atlantic	445.4	282.7	92.5	70.2	561.2	419.2	82.2	59.3
New York	238.9	137.0	50.1	45.8	267.9	199.3	50.0	38.4
New Jersey	60.7	45.6	10.4	4.8	80.2	66.3	9.3	4.5
Pennsylvania	145.8	100.2	26.0	19.6	193.0	153.3	22.9	16.4
East North Central	295.1	138.9	86.0	70.2	346.5	216.3	75.8	54.1
Ohio	89.7	54.2	20.8	14.7	107.6	78.6	18.2	10.7
Indiana	34.4	18.6	9.8	5.9	39.8	26.7	8.7	4.4
Illinois	113.4	47.3	32.3	33.8	125.3	70.0	28.7	26.4
Michigan	37.2	13.9	14.3	9.0	52.8	33.2	12.5	7.0
Wisconsin	20.5	4.8	8.8	6.9	21.1	7.9	7.6	5.6
West North Central	146.9	55.5	47.4	44.1	159.0	85.6	41.8	31.4
Minnesota	20.7	2.9	9.5	8.2	18.7	4.4	8.3	5.9
Iowa	16.9	3.5	6.2	5.2	17.0	6.1	7.2	3.6
Missouri	50.8	24.2	13.7	12.8	50.4	28.7	12.1	9.4
North Dakota	5.7	.3	2.5	2.9	4.8	.6	2.1	2.1
South Dakota	8.8	2.4	2.3	4.1	9.5	4.7	2.1	2.7
Nebraska	20.9	11.0	4.8	5.1	26.6	18.9	4.2	3.4
Kansas	23.1	11.0	6.2	5.8	32.1	22.1	5.7	4.3
South Atlantic	537.5	308.6	45.6	183.2	658.6	451.6	42.3	164.4
Delaware	2.9	1.7	.9	.4	3.2	2.1	.7	.3
Maryland ^{4/}	38.5	22.7	5.0	10.8	51.2	36.7	4.5	10.0
District of Columbia ^{4/}	229.1	91.7	7.2	130.2	254.8	126.6	8.6	119.7
Virginia ^{4/}	82.6	67.3	7.2	8.1	108.1	94.9	6.2	6.9
West Virginia	9.9	3.0	4.1	2.8	9.1	3.5	3.4	2.1
North Carolina	35.5	20.2	6.4	8.8	40.1	26.0	5.6	8.4
South Carolina	29.3	22.0	3.2	4.1	49.5	43.5	2.8	3.2
Georgia	52.7	34.1	6.6	12.0	68.8	53.8	6.0	9.0
Florida	57.0	45.9	5.1	6.0	73.7	64.4	4.4	4.9
East South Central	123.7	66.5	21.5	35.7	136.5	92.0	18.8	25.6
Kentucky	26.6	13.6	6.1	6.8	24.7	13.7	5.2	5.7
Tennessee	38.2	18.5	6.6	13.1	36.6	21.4	5.8	9.2
Alabama	38.7	23.0	5.1	10.6	51.7	40.2	4.5	7.0
Mississippi	20.2	11.4	3.6	5.1	23.6	16.6	3.3	3.6

Table 9.—Estimated Employment in the Executive Branch of the Federal Government,
By State, January 1945 and January 1946 ^{1/}
(continued)
(In thousands)

Region and State	January 1946				January 1945			
	Total	War agencies ^{2/}	Post Office Depart- ment	Other agencies	Total	War agencies ^{2/}	Post Office Depart- ment	Other agencies
West South Central	198.4	128.7	28.5	41.1	249.3	192.5	24.6	32.0
Arkansas	19.4	9.8	3.9	5.7	24.4	17.1	3.4	3.9
Louisiana	33.5	20.9	4.2	8.4	42.2	32.2	3.7	6.3
Oklahoma	37.1	24.5	5.5	7.1	43.5	33.7	4.7	5.1
Texas	108.3	73.5	14.8	20.0	139.3	109.5	12.8	16.8
Mountain	103.9	56.8	12.2	34.9	123.1	84.1	10.6	28.2
Montana	8.5	2.1	1.9	4.5	7.8	2.8	1.6	3.3
Idaho	8.5	3.5	1.5	3.5	8.9	5.2	1.2	2.4
Wyoming	4.6	1.1	.9	2.6	5.1	2.3	.8	1.9
Colorado	24.0	12.8	3.7	7.5	26.0	16.8	3.2	5.9
New Mexico	13.5	7.2	1.2	5.1	14.7	9.5	1.0	4.2
Arizona	13.4	6.4	1.2	5.9	18.6	12.0	1.0	5.6
Utah	26.6	21.3	1.5	3.8	35.3	30.7	1.4	3.1
Nevada	4.8	2.3	.5	2.0	6.9	4.8	.4	1.8
Pacific	357.9	278.7	31.9	47.2	406.0	339.1	28.0	38.8
Washington	76.8	59.6	5.5	11.6	95.3	80.3	4.8	10.1
Oregon	17.0	6.5	3.6	6.9	16.3	7.9	3.0	5.3
California	264.0	212.6	22.9	28.6	294.4	250.9	20.2	23.3

Prepared in the Division of Construction and Public Employment

^{1/} Excludes employment outside continental United States, on force account construction, and fourth-class postmasters. Data are as of the first of the month. Because of rounding, data will not necessarily add to the sum of the items shown.

^{2/} Includes The Panama Canal, Maritime Commission, and the National Advisory Committee for Aeronautics in addition to the emergency war agencies.

^{3/} The Portsmouth (N.H.) Navy Yard is included with data for the State of Maine because with the exception of the headquarters office, it is located in that State.

^{4/} Data for the District of Columbia include employees working in those parts of Maryland and Virginia which lie in the Washington metropolitan area, as defined by the Bureau of the Census.

Table 10.—Personnel and Pay of the Military Branch
of the Federal Government, in Selected Periods ^{1/}

(In thousands)

Branch, sex, or type of pay	February	January	February	Average monthly personnel and total annual pay		
	1946	1946	1945	1944	1942	1940
Personnel, total ^{2/}	5,930	7,011	11,948	11,372	3,968	533
Army	3,469	4,229	8,071	7,889	3,071	325
Navy ^{3/}	2,460	2,782	3,877	3,483	897	208
Men	5,789	6,847	11,692	11,161	3,952	4/
Women	141	164	256	210	16	4/
Pay, total	\$1,287,242	\$1,598,875	\$1,560,066	\$17,029,693	\$4,710,527	\$466,130
Army	854,482	1,100,167	1,021,525	11,287,514	3,410,056	244,725
Navy ^{3/}	432,760	498,708	538,541	5,742,179	1,300,471	221,405
Pay roll ^{5/}	821,094	966,673	1,303,999	14,249,309	4,574,662	466,130
Mustering-out pay ^{6/}	355,005	480,350	13,230	232,080	-	-
Family allowances ^{7/}	111,143	151,852	242,837	2,548,304	135,865	-

Prepared in the Division of Construction and Public Employment

^{1/} Because of rounding, totals will not necessarily agree with the sum of the items shown.

^{2/} Personnel data for February 1945 and January and February 1946 are as of the first of the month.

^{3/} Covers Navy, Marine Corps, and Coast Guard. Missing personnel and personnel in the hands of the enemy are included.

^{4/} Data not available.

^{5/} Data for the Navy proper include cash payments for clothing allowances in January 1946.

^{6/} Although payments may extend over a period of 3 months, data for the Navy proper and the Coast Guard include the entire amount in the month of discharge. Data for the Marine Corps are estimated for January and February 1946.

^{7/} Represents Government's contribution. Men's share is included in the pay roll.

Table 11.--Total Employment and Pay Rolls in United States Navy Yards
and Private Shipyards Within Continental United States
by Shipbuilding Region, February 1946

Shipbuilding region	Employment (in thousands)			Pay rolls (in thousands)		
	February 1946 1/	January 1946	February 1945	February 1946 1/	January 1946	February 1945
All regions	473.2	508.2	1,400.0	\$110,879	\$119,016	\$398,932
U. S. navy yards 2/	209.9	222.8	327.3	52,441	55,529	94,237
Private shipyards	263.3	286.1	1,072.7	58,438	63,487	304,695
North Atlantic	220.7	238.3	512.6	53,763	57,906	155,183
South Atlantic	54.9	57.2	123.8	13,069	13,608	32,907
Gulf	37.8	42.1	177.5	7,607	8,464	50,593
Pacific	148.3	159.8	490.7	33,944	36,553	134,604
Great Lakes	6.3	6.5	50.1	1,405	1,437	13,860
Inland	5.2	5.0	45.3	1,091	1,048	11,785

1/ Preliminary.

2/ Includes all navy yards constructing or repairing ships, including the Curtis Bay (Maryland) Coast Guard yard. Data are also included in the Federal executive service (table 8).

Table 12.—Estimated Employment and Pay Rolls on Construction Within Continental United States, February 1945 and January and February 1946
(In thousands)

Type of project	Employment			Pay rolls		
	February 1946 1/	January 1946	February 1945	February 1946 1/	January 1946	February 1945
New construction, total 2/	1,398.9	1,266.9	707.5	3/	3/	3/
At the construction site	1,213.8	1,102.1	625.0	3/	3/	3/
Federal projects 4/	5/ 74.0	5/ 85.4	5/229.0	6/ \$13,396	6/ \$14,905	6/ \$41,976
Airports	2.1	2.8	6.5	414	478	1,101
Buildings	37.4	46.3	177.9	6,569	7,791	31,909
Residential	2.0	2.8	11.3	442	533	2,552
Nonresidential 7/	5/ 35.4	5/ 43.5	5/106.6	6/ 6,127	6/ 7,258	6/ 29,357
Electrification	1.3	.9	.2	192	160	37
Reclamation	6.0	5.9	6.8	1,264	1,202	1,580
River, harbor, and flood control	16.3	17.7	15.1	3,121	3,283	2,988
Streets and highways	6.9	7.4	6.6	1,162	1,234	1,162
Water and sewer systems	1.5	1.9	3.8	269	317	578
Miscellaneous	2.5	2.5	12.1	405	440	2,621
Non-Federal projects	1,139.8	1,016.7	396.0	3/	3/	3/
Buildings	884.1	764.1	233.4	19,450	176,507	49,984
Residential	368.7	315.8	71.8	3/	3/	3/
Nonresidential	515.4	448.3	161.6	3/	3/	3/
Farm dwellings and service buildings	54.4	58.8	43.2	3/	3/	3/
Public utilities	118.4	120.2	92.8	3/	3/	3/
Streets and highways	22.6	22.0	12.8	3/	3/	3/
State	8.0	7.7	5.0	3/	3/	3/
County and municipal	14.6	14.3	7.8	3/	3/	3/
Miscellaneous	60.3	51.6	13.8	3/	3/	3/
Other 8/	185.1	164.8	82.5	3/	3/	3/
Maintenance of State roads 9/	90.0	89.5	84.2	3/	3/	3/

Prepared by Division of Construction and Public Employment.

1/ Preliminary.

2/ Data for all construction workers (contract and force-account) engaged on new construction, additions, alterations, and on repair work of the type usually covered by building permits. (Force-account employees are workers hired directly by the owner and utilized as a separate work force to perform construction work of the type usually chargeable to capital account.) The construction figure included in the Bureau's nonagricultural employment series covers only employees of construction contractors and on Federal force account and excludes force-account workers of State and local governments, public utilities, and private firms.

3/ Data not available.

4/ Includes the following force-account employees, hired directly by the Federal Government, and their pay rolls: February 1946, 16,109, \$3,099,000; January 1946, 16,461, \$3,060,000; February 1945, 19,355, \$3,729,000. These employees are also included under the Federal executive service (table 8); all other workers were employed by contractors and subcontractors.

5/ Includes employment on construction of plants to produce atomic bombs, which, for security reasons, was not previously included in these estimates but was shown in the classification "other", as follows: February 1946, 4,600; January 1946, 6,400; and February 1945, 34,000.

6/ Excludes pay-roll data for construction of plants to produce atomic bombs.

7/ Employees and pay rolls for Defense Plant Corporation projects are included, but those for projects financed from RFC loans are excluded. The latter are considered non-Federal projects.

8/ Includes central office force of construction contractors, shop employees of special trades contractors, such as bench sheet-metal workers, etc.

9/ Data for other types of maintenance not available.

Table 13 - Averages of Estimated Production Workers and Indexes of Employment and Pay Roll in Manufacturing Industries for 1944 and 1945 1/

Industry Group or Industry	Estimated Pro- duction Workers (thousands)		Indexes (1939 = 100)			
			Employment		Pay Roll	
	1945	1944	1945	1944	1945	1944
ALL MANUFACTURING	12,250	14,126	149.5	172.4	288.4	345.7
DURABLE GOODS	6,809	8,506	188.5	235.6	366.6	482.5
NONDURABLE GOODS	5,441	5,621	118.8	122.7	211.9	211.9
<u>Durable Goods</u>						
IRON AND STEEL AND THEIR PRODUCTS	1,525	1,734	153.8	174.9	273.5	324.4
Blast furnaces, steel works, and rolling mills	458.0	482.9	117.9	124.3	206.0	223.7
Gray-iron and semi-steel castings	71.4	74.2	122.1	127.0	213.2	252.2
Malleable-iron castings	23.7	25.1	131.4	139.0	261.0	236.2
Steel castings	62.5	75.0	207.6	249.4	369.9	460.8
Cast-iron pipe and fittings	15.1	15.4	91.6	93.0	181.1	178.6
Tin cans and other tinware	39.7	38.5	125.0	121.2	215.8	203.1
Wire drawn from purchased rods	30.3	33.3	138.0	151.6	223.6	252.4
Wirework	31.7	34.7	104.3	114.1	203.4	229.1
Cutlery and edge tools	22.9	25.1	148.7	149.6	301.8	310.0
Tools (except edge tools, machine tools, files, and saws)	25.1	27.6	164.3	180.4	306.7	340.3
Hardware	41.6	46.3	116.6	130.0	231.6	265.5
Plumbers' supplies	21.1	22.9	85.6	93.0	152.9	168.3
Stoves, oil burners, and heating equipment not elsewhere classified	56.2	62.7	121.9	136.0	226.0	256.8
Steam and hot-water heating apparatus and steam fittings	48.5	56.4	160.2	186.2	297.1	350.1
Stamped and enameled ware and galvanizing	77.1	88.8	138.9	159.9	274.5	322.4
Fabricated structural and ornamental metalwork	56.8	74.8	159.8	210.7	287.7	413.3
Metal doors, sash, frames, molding, and trim	8.9	12.7	114.9	164.3	214.5	311.3
Bolts, nuts, washers, and rivets	22.2	26.7	154.9	187.0	297.8	361.9
Forgings, iron and steel	30.6	37.1	199.2	241.4	375.8	482.0
Wrought pipe, welded and heavy riveted	19.9	25.8	238.3	309.4	473.5	601.6
Screw-machine products and wood screws	35.5	45.4	209.8	268.0	405.1	522.0
Steel barrels, kegs, and drums	7.5	7.3	123.0	121.0	259.5	237.6
Firearms	21.7	47.8	433.8	956.3	927.7	2203.5
ELECTRICAL MACHINERY	622	765	240.1	295.2	426.7	529.9
Electrical equipment	369.6	451.0	204.5	249.5	364.0	457.0
Radios and phonographs	94.0	127.2	216.0	292.3	403.8	552.3
Communication equipment	89.9	113.1	280.0	352.1	465.6	513.7

Table 13 - Averages of Estimated Production Workers and Indexes of Employment and Pay Roll in Manufacturing Industries for 1944 and 1945 1/

Industry Group or Industry	Estimated Pro- duction Workers (thousands)		Indexes (1939 = 100)			
			Employment		Pay Roll	
	1945	1944	1945	1944	1945	1944
MACHINERY, EXCEPT ELECTRICAL	1,080	1,246	204.3	235.9	368.8	443.0
Machinery and machine-shop products	398.0	467.5	196.7	231.1	350.0	425.4
Engines and turbines	56.8	70.2	303.3	376.1	589.7	801.8
Tractors	53.8	58.8	171.2	187.9	262.1	295.8
Agricultural machinery, excluding tractors	40.8	44.9	146.6	161.4	283.0	324.9
Machine tools	66.7	79.0	182.0	215.6	320.0	383.1
Machine-tool accessories	57.0	69.3	226.5	275.4	375.7	473.6
Textile machinery	26.0	27.5	118.5	125.4	222.7	231.0
Pumps and pumping equipment	63.0	78.1	260.1	326.3	525.1	695.4
Typewriters	12.9	11.8	79.8	72.9	156.8	147.4
Cash registers, adding and calculating machines	27.8	32.8	141.1	166.7	260.9	327.5
Washing machines, wringers and driers, domestic	10.7	13.3	143.3	177.5	251.2	315.7
Sewing machines, domestic and industrial	9.8	9.8	122.1	124.5	249.8	264.4
Refrigerators and refrigeration equipment	41.3	53.2	126.1	151.1	216.4	272.7
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES						
AUTOMOBILES	1,454	2,393	918.4	1508.0	1865.9	3133.9
Locomotives	31.4	35.8	484.8	553.8	1048.0	1267.0
Cars, electric- and steam-railroad	53.1	58.5	216.5	238.4	414.1	477.8
Aircraft and parts, excluding aircraft engines	421.3	714.3	1062.0	1800.5	2040.8	3452.7
Aircraft engines	136.5	244.2	1535.4	2715.9	2578.6	4845.1
Shipbuilding and boatbuilding	665.8	1137.0	961.5	1842.1	2016.8	3514.2
Motorcycles, bicycles, and parts	8.6	9.4	123.5	135.0	226.4	245.5
AUTOMOBILES	590	732	146.6	182.0	247.6	335.3
NONFERROUS METALS AND THEIR PRODUCTS	377	436	164.6	190.0	306.1	357.8
Smelting and refining, primary, of nonferrous metals	37.7	48.7	136.3	176.1	250.8	323.2
Alloying and rolling and drawing of nonferrous metals except aluminum	63.4	70.8	163.2	182.3	302.5	340.9
Clocks and watches	23.7	25.5	116.8	125.8	238.0	260.6
Jewelry (precious metals) and jewelers' findings	13.6	14.0	94.1	96.6	165.9	158.6
Silverware and plated ware	10.7	10.9	88.5	89.5	162.8	161.1
Lighting equipment	23.2	26.2	113.5	128.0	196.9	227.6
Aluminum manufactures	57.0	73.5	242.2	312.4	420.0	560.1
Sheet-metal work, not elsewhere classified	28.0	32.2	149.2	171.8	281.1	326.9

Table 13 - Averages of Estimated Production Workers and Indexes of Employment and Pay Roll in Manufacturing Industries for 1944 and 1945 1/

Industry Group or Industry	Estimated Pro- duction Workers (thousands)		Indexes (1939 = 100)			
			Employment		Pay Roll	
	1945	1944	1945	1944	1945	1944
LUMBER AND TIMBER BASIC PRODUCTS	509	516	121.1	122.8	218.3	224.6
Sawmills and logging camps	210.3	232.5	73.0	80.7	132.8	150.2
Planing and plywood mills	66.3	72.5	91.2	99.7	156.5	169.0
FURNITURE AND FINISHED LUMBER PRODUCTS	338	352	101.7	107.3	187.1	193.7
Mattresses and bedsprings	16.7	17.1	91.1	93.2	160.1	160.1
Furniture	144.0	158.0	90.4	99.2	165.8	178.6
Wooden boxes, other than cigar	25.4	27.8	100.2	109.7	198.4	213.4
Caskets and other morticians' goods	11.9	12.4	95.7	99.3	163.9	168.5
Wood preserving	10.2	9.9	90.7	88.1	197.4	182.4
Wood, turned and shaped	20.9	21.6	95.2	98.1	173.1	174.0
STONE, CLAY AND GLASS PRODUCTS	318	332	108.4	112.9	184.3	187.7
Glass and glassware	85.5	90.4	122.4	129.5	195.2	205.4
Glass products made from purchased glass	10.7	10.5	106.4	104.6	183.8	172.3
Cement	17.9	17.4	75.2	72.9	122.4	112.0
Brick, tile, and terra cotta	42.7	42.9	75.3	75.6	126.6	120.8
Pottery and related products	38.7	41.0	116.9	123.8	184.4	190.4
Gypsum	4.1	4.2	83.8	84.9	144.5	146.4
Wallboard, plaster (except gypsum), and mineral wool	9.4	9.7	115.4	119.5	216.7	216.5
Lime	7.6	8.2	80.5	86.3	161.8	167.4
Marble, granite, slate, and other products	13.3	12.9	71.6	69.7	111.2	103.5
Abrasives	19.6	21.6	252.9	279.4	429.7	468.6
Asbestos products	18.4	20.8	115.8	130.7	236.9	259.2
<i>Nondurable Goods</i>						
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	1,075	1,130	94.0	98.8	174.2	174.7
Cotton manufactures, except small wares	414.7	439.5	104.7	111.0	204.6	204.1
Cotton small wares	13.2	13.7	99.0	102.5	186.3	181.9
Silk and rayon goods	86.3	90.3	72.0	75.4	139.4	136.4
Woolen and worsted manufactures, except dyeing and finishing	141.4	150.9	94.7	101.1	184.5	191.6
Hosiery	98.3	105.8	61.8	66.5	101.0	105.4
Knitted cloth	10.1	10.7	92.7	97.9	169.3	167.7
Knitted outerwear and knitted gloves	27.6	29.6	98.1	105.2	184.9	188.4
Knitted underwear	33.5	35.9	86.9	93.3	162.8	167.5
Dyeing and finishing textiles, including woolen and worsted	57.1	61.5	85.3	91.9	147.0	151.4
Carpets and rugs, wool	19.2	20.4	75.0	79.6	128.9	135.1
Hats, fur-felt	9.3	9.5	63.8	65.1	124.8	120.9
Jute goods, except felts	3.3	3.3	92.8	93.2	183.1	177.6
Stringage and twine	14.5	15.7	119.5	129.5	227.2	236.9

Table 13 - Averages of Estimated Production Workers and Indexes of Employment and Pay Roll in Manufacturing Industries for 1944 and 1945 1/

Industry Group or Industry	Estimated Pro- duction Workers (thousands)		Indexes (1939 = 100)			
			Employment		Pay Roll	
	1945	1944	1945	1944	1945	1944
APPAREL AND OTHER FINISHED						
TEXTILE PRODUCTS	921	934	116.7	118.2	210.6	203.4
Men's clothing, not elsewhere classified	190.3	211.4	87.1	96.7	153.7	163.6
Shirts, collars, and nightwear	49.0	53.0	69.5	75.3	127.2	131.3
Underwear and neckwear, men's	11.6	12.3	72.1	76.1	147.6	147.9
Work shirts	13.9	15.4	103.2	114.6	197.4	209.5
Women's clothing, not elsewhere classified	201.9	219.0	74.3	80.6	136.3	140.3
Corsets and allied garments	14.2	15.1	75.9	80.7	133.6	137.7
Millinery	18.2	19.0	75.1	78.3	122.2	117.7
Handkerchiefs	2.5	3.0	52.2	62.0	97.4	110.8
Curtains, draperies, and bedspreads	10.6	13.4	62.8	79.1	126.0	150.1
House furnishings, other than curtains, etc.	10.3	11.0	96.9	103.3	177.0	188.5
Textile bags	14.6	14.5	121.6	120.9	207.5	197.6
LEATHER AND LEATHER PRODUCTS						
Leather	316	319	91.1	91.9	167.6	159.4
Boot and shoe cut stock and findings	39.4	40.2	83.5	85.0	148.8	145.3
Boots and shoes	16.2	16.2	85.7	85.9	146.4	141.7
Leather gloves and mittens	171.1	174.0	78.5	79.8	148.1	140.4
Trunks and suitcases	11.5	12.9	115.3	129.2	202.7	220.8
Food	12.3	12.3	147.3	147.4	248.0	235.9
Slaughtering and meat packing	1,067	1,090	124.8	127.6	206.7	203.9
Butter	133.6	157.4	110.8	130.6	181.7	216.1
Condensed and evaporated milk	23.3	22.3	129.6	124.2	209.1	190.3
Ice cream	14.5	13.9	148.8	143.1	253.4	230.2
Flour	15.6	15.1	99.4	95.9	147.2	134.3
Feeds, prepared	29.9	28.7	120.9	115.7	210.9	191.0
Cereal preparations	22.2	20.4	144.0	132.3	251.1	222.9
Baking	9.2	9.1	123.9	122.1	224.8	211.8
Sugar refining, cane	253.8	258.6	110.0	112.1	173.5	166.8
Sugar, beet	13.8	14.6	97.7	103.3	155.5	165.9
Confectionery	8.6	8.0	82.6	77.3	126.9	107.7
Beverages, nonalcoholic	54.4	58.1	109.4	116.8	187.6	191.1
Malt liquors	25.5	28.2	119.8	132.4	161.9	174.1
Canning and preserving	52.1	50.4	144.4	139.7	217.1	202.8
TOBACCO MANUFACTURES	132.6	138.2	98.6	102.8	195.5	194.3
Cigarettes	82	84	87.4	89.9	164.7	158.8
Cigars	34.5	34.7	125.7	126.6	203.5	192.3
Tobacco (chewing and smoking) and snuff	33.3	35.9	65.5	70.5	136.6	138.9
	8.5	8.1	92.8	87.8	154.1	135.6

Table 13 - Averages of Estimated Production Workers and Indexes of Employment and Pay Roll in Manufacturing Industries for 1944 and 1945 1/

Industry Group or Industry	Estimated Pro- duction Workers (thousands)		Indexes (1939 = 100)			
			Employment		Pay Roll	
	1945	1944	1945	1944	1945	1944
PAPER AND ALLIED PRODUCTS						
Paper and pulp	317	319	119.5	120.3	202.1	195.3
Paper goods, other	145.8	146.4	105.8	106.5	183.3	178.8
Envelopes	43.4	45.9	115.4	122.1	169.9	193.7
Paper bags	9.4	9.8	108.7	112.2	171.6	171.6
Paper boxes	12.7	13.4	114.5	120.9	201.3	200.7
	77.5	79.9	112.1	115.6	184.7	180.6
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES						
Newspapers and, periodicals	327	326	99.9	99.3	144.3	134.4
Printing, book and job	111.8	110.2	94.2	92.9	126.1	116.
Lithographing	134.9	133.9	106.8	105.9	162.0	150.2
Bookbinding	24.7	24.7	94.9	95.1	140.5	133.0
	27.5	28.6	106.8	110.9	187.1	183.6
CHEMICALS AND ALLIED PRODUCTS						
Paints, varnishes, and colors	611	660	211.9	229.1	370.5	398.1
Drugs, medicines, and insecticides	29.8	29.8	106.0	106.0	169.8	160.0
Perfumes and cosmetics	12.3	12.0	119.0	115.8	173.0	163.1
Soap	13.3	13.5	97.9	99.7	165.7	166.3
Rayon and allied products	54.5	52.7	112.9	109.1	184.0	174.2
Chemicals, not elsewhere classified	113.2	118.7	162.8	170.6	284.8	294.2
Explosives and safety fuses	72.2	79.2	996.1	1091.4	1509.7	1673.8
Compressed and liquefied gases	5.8	6.0	146.6	151.7	254.8	266.9
Ammunition, small-arms	44.3	60.1	1040.1	1410.2	2049.0	2815.0
Fireworks	15.3	29.0	1319.1	2504.3	3637.8	6883.8
Cottonseed oil	15.8	16.5	104.3	108.9	222.1	217.0
Fertilizers	22.6	21.9	120.6	116.9	276.4	250.2
PRODUCTS OF PETROLEUM AND COAL						
Petroleum refining	135	131	127.2	123.5	223.2	213.9
Coke and by-products	92.0	38.1	126.3	121.0	216.8	206.4
Paving materials	22.1	22.8	101.7	105.3	163.8	184.2
Roofing materials	1.6	1.6	67.5	64.5	131.7	125.8
	9.6	9.7	113.8	120.2	215.9	214.6
RUBBER PRODUCTS						
Rubber tires and inner tubes	197	204	163.1	168.5	291.4	301.0
Rubber boots and shoes	90.5	92.1	167.1	170.2	279.8	293.0
Rubber goods, other	16.5	19.8	111.2	133.5	207.0	238.
MISCELLANEOUS INDUSTRIES						
Instruments (professional and scientific), and fire control equipment	66.6	72.8	128.6	140.7	254.8	252.0
Photographic apparatus	394	424	160.9	173.4	305.1	330.8
Optical instruments and ophthalmic goods	45.9	62.6	414.9	566.4	770.3	1075.0
Pianos, organs, and parts	25.4	28.9	147.0	167.2	243.2	271.9
Games, toys, and dolls	21.6	24.6	185.8	211.4	314.5	353.8
ERASER	6.9	7.7	90.4	101.1	166.0	192.1
Fire extinguishers	15.3	16.3	82.2	87.3	158.8	171.6
	9.3	9.6	84.4	87.5	170.5	169.5
	3.8	6.0	379.4	598.9	817.6	1218.0

Table 13 - Averages of Estimated Production Workers and Indexes of Employment and Pay Rolls in Manufacturing Industries for 1944 and 1945 1/

1/ Estimates and indexes for the major industry groups have been adjusted to levels indicated by the final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency and are not comparable with data published in mimeographed releases dated prior to April 1946 or the May 1946 issue of the Monthly Labor Review. Estimates and indexes for individual industries have been adjusted to levels indicated by the 1939 Census of Manufactures; but not to Federal Security Agency data.

Source: Division of Employment Statistics (4-46)

Table 14 - Averages of Estimated Employees and Indexes
of Employment and Payrolls in Selected Nonmanufacturing Industries
for 1944 and 1945

Industry Group or Industry	Number of Employees (thousands)		Indexes of Employment Payrolls			
	1945	1944	1945	1944	1945	1944
	1939 average = 100					
Mining: 1/						
Anthracite	60.1	67.4	72.6	81.4	137.9	151.4
Bituminous coal	322	354	86.9	95.5	195.9	213.2
Metal:	66.6	79.0	75.5	89.6	123.3	141.9
Iron	23.9	27.2	118.8	135.3	201.2	215.0
Copper	20.5	25.9	86.2	108.6	142.2	172.0
Lead and zinc	14.0	16.4	90.3	105.3	170.6	192.3
Gold and silver	5.6	5.9	22.6	23.7	29.2	30.7
Miscellaneous	2.6	3.7	65.1	92.6	106.1	150.9
Quarrying and nonmetallic	2/	2/	80.2	83.8	152.9	153.3
Crude petroleum production 3/	2/	2/	84.0	82.5	135.2	130.3
Public utilities:						
Telephone	419	407	131.8	128.1	177.4	155.0
Telegraph	45.4	46.2	120.5	122.8	176.7	175.0
Electric light and power	205	203	84.2	82.9	120.1	113.9
Street railways and busses	230	230	118.7	118.8	177.8	168.3
Wholesale trade	2/	2/	97.0	95.5	145.5	136.0
Retail trade:						
Food	2/	2/	104.1	107.2	145.5	138.5
General merchandise	2/	2/	116.5	113.8	154.0	141.4
Apparel	2/	2/	108.6	109.7	156.0	145.8
Furniture and house furnishings	2/	2/	64.0	63.8	93.3	87.7
Automotive	2/	2/	71.8	66.2	110.7	96.4
Lumber and building materials	2/	2/	93.5	90.6	139.8	128.9
Hotels (year-round) 4/	359	353	111.3	109.4	174.8	157.8
Power laundries	2/	2/	106.4	109.5	165.4	159.5
Cleaning and dyeing	2/	2/	119.1	118.8	191.9	180.9
Class I steam railroads 5/	1,421	1,414	143.8	143.1	2/	2/
Water transportation 6/	159	126	302.7	239.8	679.9	563.2

1/ Data are for production workers only.

2/ Not available.

3/ Does not include well drilling or rig building.

4/ Cash payments only; additional value of board, room, and tips, not included.

5/ Source: Interstate Commerce Commission.

6/ Based on estimates prepared by the U.S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes vessels under bareboat charter to, or owned by the Army or Navy.

Table 15. - Revised Estimates of Manufacturing Production
 Workers and Indexes of Employment and Pay Rolls, by
 Major Industry Group, January 1944 -
 December 1945 1/

Year and month	ALL MANUFACTURING DIVISION			DURABLE GOODS DIVISION		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production worker pay rolls
1944	14,126	172.4	345.7	8,506	235.6	482.5
1945	12,250	149.5	288.4	6,809	188.5	366.6
1944						
Jan..	14,609	178.3	351.6	8,931	247.3	498.7
Feb..	14,585	178.0	352.7	8,894	246.3	498.3
Mar..	14,433	176.2	350.5	8,793	243.5	494.2
Apr..	14,234	173.8	345.0	8,669	240.1	488.7
May..	14,113	172.3	345.3	8,592	237.9	486.3
June.	14,110	172.2	346.6	8,550	236.8	485.8
July.	14,078	171.9	339.6	8,468	234.5	471.8
Aug..	14,093	172.0	343.1	8,427	233.4	476.0
Sept.	13,936	170.1	341.9	8,286	229.5	471.0
Oct..	13,801	168.5	343.8	8,181	226.6	474.1
Nov..	13,735	167.7	341.0	8,125	225.0	468.8
Dec..	13,789	168.3	346.7	8,154	225.8	476.1
1945						
Jan..	13,736	167.7	345.6	8,155	225.8	474.6
Feb..	13,725	167.5	344.8	8,142	225.5	472.0
Mar..	13,601	166.0	341.7	8,039	222.6	465.1
Apr..	13,556	163.0	333.3	7,854	217.5	451.6
May..	13,090	159.8	318.7	7,639	211.5	427.6
June.	12,855	156.9	314.6	7,382	204.4	414.2
July.	12,459	152.1	298.7	7,054	195.3	387.1
Aug..	12,179	148.7	267.3	6,779	187.7	335.4
Sept.	10,529	128.5	224.2	5,234	144.9	246.2
Oct..	10,450	127.6	222.9	5,151	142.6	243.7
Nov..	10,503	128.2	222.9	5,180	143.5	241.8
Dec..	10,519	128.4	226.2	5,097	141.2	240.0

Source: Division of Employment Statistics (4-46)

Table 154 - Revised Estimates of Manufacturing Production
 Workers and Indexes of Employment and Pay Rolls, by
 Major Industry Group, January 1944 - December 1945 1/

Year and month	NONDURABLE GOODS DIVISION			IRON AND STEEL AND THEIR PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	5,621	122.7	211.9	1,734	174.9	324.4
1945	5,441	118.8	211.9	1,525	153.8	278.5
1944						
Jan..	5,678	123.9	207.8	1,769	178.4	327.0
Feb..	5,691	124.2	210.3	1,768	178.3	328.4
Mar..	5,640	123.1	209.9	1,750	176.5	324.9
Apr..	5,565	121.5	204.6	1,729	174.3	320.0
May..	5,521	120.5	207.5	1,724	173.9	321.2
Juno.	5,560	121.4	210.6	1,734	174.8	324.7
July.	5,610	122.5	210.4	1,736	175.0	321.0
Aug..	5,666	123.7	213.2	1,740	175.5	323.5
Sept.	5,650	123.3	215.6	1,723	173.8	326.4
Oct..	5,620	122.7	216.3	1,711	172.6	325.4
Nov..	5,610	122.5	216.0	1,704	171.8	320.9
Dec..	5,635	123.0	220.2	1,721	173.5	329.7
1945						
Jan..	5,581	121.8	219.6	1,729	174.4	329.9
Feb..	5,583	121.9	220.4	1,741	175.6	332.1
Mar..	5,562	121.4	221.0	1,733	174.8	333.5
Apr..	5,502	120.1	217.5	1,707	172.1	328.8
May..	5,451	119.0	212.2	1,683	169.7	318.6
Juno.	5,473	119.5	217.3	1,630	164.4	308.3
July.	5,405	118.0	212.1	1,555	156.8	289.7
Aug..	5,400	117.9	200.6	1,490	150.3	255.8
Sept.	5,295	115.6	202.6	1,240	125.1	206.9
Oct..	5,299	115.7	202.6	1,241	125.2	207.3
Nov..	5,323	116.2	204.5	1,255	126.6	210.4
Dec..	5,422	118.4	212.7	1,294	130.5	220.5

Source: Division of Employment Statistics (4-4G)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	MACHINERY, EXCEPT ELECTRICAL			ELECTRICAL MACHINERY		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	1,246.	235.9	443.0	765	295.2	529.9
	1,080	204.3	368.8	622	240.1	426.7
<u>1944</u>						
Jan..	1,307	247.4	464.6	780	301.1	531.6
Feb..	1,298	245.7	459.2	788	301.0	537.1
Mar..	1,283	242.8	455.0	786	303.5	538.4
Apr..	1,263	239.0	447.1	778	300.2	528.3
May..	1,251	236.7	442.6	772	298.1	528.9
June..	1,254	237.3	449.5	774	298.5	537.8
July..	1,241	234.9	431.1	766	295.8	525.6
Aug..	1,231	233.0	433.9	761	293.8	527.0
Sept..	1,215	230.0	430.8	756	291.6	532.5
Oct..	1,206	228.2	434.6	746	287.7	524.7
Nov..	1,198	226.7	426.4	737	284.6	520.0
Dec..	1,209	228.8	441.0	733	282.9	526.3
<u>1945</u>						
Jan..	1,214	229.8	440.5	729	281.2	527.4
Feb..	1,218	230.6	443.9	728	281.0	528.3
Mar..	1,206	228.3	438.7	726	280.2	528.6
Apr..	1,184	224.0	426.1	715	276.0	517.8
May..	1,162	219.9	404.7	704	271.6	500.5
June..	1,143	216.3	407.0	691	266.6	490.0
July..	1,105	209.2	384.4	659	254.1	460.6
Aug..	1,076	203.7	338.4	640	246.8	399.2
Sept..	913	172.7	285.7	415	171.5	268.5
Oct..	909	172.1	281.1	467	180.1	289.1
Nov..	911	172.4	283.3	479	184.9	301.9
Dec..	914	172.9	288.7	484	186.9	308.5

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES			AUTOMOBILES		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	2,393	1508.0	3133.9	732	182.0	335.3
1945	1,454	916.4	1865.9	590	146.6	247.6
1944						
Jan..	2,611	1625.1	3285.1	781	194.2	365.3
Feb..	2,592	1632.9	3287.8	771	191.7	355.9
Mar..	2,551	1607.5	3251.9	789	188.6	351.2
Apr..	2,513	1583.5	3245.2	746	185.4	346.5
May..	2,479	1561.8	3228.9	734	182.4	335.2
June.	2,418	1523.2	3136.8	728	181.0	337.1
July.	2,363	1489.1	3044.7	718	178.5	323.0
Aug..	2,323	1463.5	3017.0	725	180.1	326.1
Sept.	2,264	1426.5	2995.6	718	178.5	317.9
Oct..	2,225	1401.9	3033.0	701	174.2	320.4
Nov..	2,194	1382.1	3020.1	697	173.3	320.5
Dec..	2,188	1378.7	3027.5	706	175.6	326.1
1945						
Jan..	2,173	1369.2	2977.5	712	176.9	333.5
Feb..	2,134	1344.6	2881.5	711	176.8	333.8
Mar..	2,061	1298.4	2767.9	700	173.9	325.5
Apr..	1,962	1237.5	2615.4	691	171.6	317.5
May..	1,830	1153.0	2396.0	665	165.3	292.2
June.	1,681	1059.1	2223.5	642	159.4	281.6
July.	1,577	993.9	2068.0	601	149.3	253.1
Aug..	1,468	925.2	1742.2	556	138.3	183.5
Sept.	788	496.5	844.1	426	105.9	151.2
Oct..	667	420.4	713.5	460	114.4	171.8
Nov..	573	361.3	583.5	525	130.5	192.2
Dec..	536	338.0	577.2	388	96.4	135.5

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	NONFERROUS METALS AND THEIR PRODUCTS			LUMBER AND TIMBER BASIC PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	436	190.0	357.8	516	122.8	224.6
1945	377	164.6	306.1	509	121.1	218.3
1944						
Jan..	466	203.5	380.4	508	120.8	204.6
Feb..	463	201.9	378.7	510	121.4	213.8
Mar..	455	198.4	372.2	512	121.8	216.8
Apr..	444	193.7	361.4	509	121.1	220.7
May..	440	191.9	359.3	513	122.0	225.6
June..	438	190.9	361.0	520	123.8	235.7
July..	432	188.5	349.7	529	125.9	227.5
Aug..	430	187.7	350.4	533	126.8	242.4
Sept..	421	183.5	344.4	520	123.6	230.4
Oct..	414	180.5	345.1	513	122.0	235.9
Nov..	412	179.5	341.0	515	122.4	222.6
Dec..	413	180.0	350.1	511	121.6	218.7
1945						
Jan..	415	181.1	352.3	512	121.7	219.3
Feb..	421	183.8	358.2	516	122.7	225.1
Mar..	426	185.6	364.0	517	123.0	226.2
Apr..	423	184.6	360.0	510	121.3	228.3
May..	420	183.4	347.3	519	123.4	230.5
June..	409	178.4	337.9	523	124.5	239.7
July..	384	167.6	313.1	522	124.2	222.1
Aug..	378	165.1	292.2	524	124.7	219.3
Sept..	301	131.2	223.3	508	120.8	215.3
Oct..	305	133.0	230.4	476	113.3	199.0
Nov..	319	139.3	243.5	484	115.0	194.8
Dec..	326	142.2	250.4	499	118.6	199.4

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	FURNITURE AND FINISHED LUMBER PRODUCTS			STONE, CLAY, AND GLASS PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	352	107.3	193.7	332	112.9	187.7
	333	101.7	187.1	318	108.4	184.3
1944						
Jan..	362	110.2	189.6	347	118.1	189.1
Feb..	360	109.8	192.6	344	117.1	189.7
Mar..	357	108.9	193.3	340	115.9	190.0
Apr..	351	107.1	188.3	336	114.4	187.4
May..	348	106.0	190.6	331	112.7	187.3
June..	352	107.3	194.4	332	113.2	189.0
July..	353	107.6	191.0	330	112.6	182.8
Aug..	355	108.3	198.9	329	112.1	187.6
Sept.	346	105.6	193.4	323	110.0	184.8
Oct..	345	105.1	197.5	320	108.9	188.8
Nov..	346	105.6	195.5	322	109.6	186.5
Dec..	349	106.4	199.0	324	110.4	189.0
1945						
Jan..	348	106.2	199.4	325	109.9	186.1
Feb..	351	107.0	202.8	322	109.6	186.8
Mar..	348	106.2	201.3	322	109.8	190.5
Apr..	342	104.3	197.9	316	108.2	190.7
May..	340	103.7	194.2	316	107.7	185.5
June..	341	103.9	195.3	322	109.6	189.8
July..	334	101.7	188.2	317	108.1	185.6
Aug..	330	100.5	171.5	317	108.1	179.8
Sept.	303	92.4	164.0	310	105.7	175.7
Oct..	307	93.7	168.8	319	108.8	183.2
Nov..	321	97.7	173.2	313	106.5	175.9
Dec..	336	102.6	188.1	320	109.1	181.7

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES			APPAREL AND OTHER FINISHED TEXTILE PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	1,130	98.8	174.7	934	118.2	203.4
1945	1,075	94.0	174.2	921	116.7	210.6
1944						
Jan..	1,179	103.1	174.2	930	117.8	192.9
Feb..	1,181	103.3	176.9	942	119.4	203.9
Mar..	1,170	102.3	176.6	948	120.1	209.5
Apr..	1,147	100.3	172.7	929	117.6	191.2
May..	1,131	98.9	174.1	918	116.3	195.0
June	1,125	98.3	175.4	934	118.3	200.8
July	1,111	97.1	171.7	912	115.5	191.1
Aug..	1,105	96.6	171.5	932	118.1	204.0
Sept.	1,098	96.0	172.4	930	117.8	212.7
Oct..	1,095	95.7	174.1	942	119.4	215.6
Nov..	1,105	96.6	176.0	941	119.1	211.7
Dec..	1,117	97.7	180.7	944	119.5	212.6
1945						
Jan..	1,109	97.0	178.1	934	118.3	217.8
Feb..	1,102	96.4	177.5	941	119.2	227.5
Mar..	1,095	95.7	177.5	945	119.7	233.1
Apr..	1,074	93.9	172.9	932	118.0	219.7
May..	1,065	93.1	168.3	917	116.2	204.5
June	1,071	93.6	177.3	915	115.9	207.6
July	1,051	91.8	172.6	869	110.0	191.2
Aug..	1,049	91.7	162.1	897	113.6	180.6
Sept.	1,051	91.9	169.7	911	115.3	208.4
Oct..	1,057	92.4	171.3	928	117.5	213.5
Nov..	1,063	92.9	174.8	930	117.8	208.0
Dec..	1,113	97.3	188.0	938	118.9	215.0

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	LEATHER AND LEATHER PRODUCTS			FOOD		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	319	91.9	159.4	1,090	127.6	203.9
	316	91.1	167.6	1,067	124.8	206.7
1944						
Jan.	320	92.1	151.9	1,036	121.2	194.0
Feb.	322	92.8	156.7	1,030	120.6	191.0
Mar.	323	93.2	158.4	1,020	119.4	188.9
Apr.	321	92.5	157.7	1,023	119.7	188.8
May	318	91.7	158.9	1,029	120.4	195.8
June	320	92.2	161.6	1,063	124.4	202.3
July	319	91.9	159.0	1,148	134.3	214.7
Aug.	318	91.8	159.5	1,193	139.7	218.6
Sept.	315	90.8	161.9	1,201	140.5	218.5
Oct.	315	90.8	161.5	1,145	134.0	213.2
Nov.	317	91.5	161.1	1,106	129.4	209.7
Dec.	319	92.0	165.0	1,086	127.1	211.3
1945						
Jan.	319	91.8	166.7	1,047	122.6	202.4
Feb.	318	91.6	168.6	1,033	120.8	195.9
Mar.	317	91.4	172.3	1,016	118.9	194.4
Apr.	314	90.4	169.3	1,014	118.6	194.8
May	312	90.0	163.6	1,007	117.9	193.7
June	317	91.3	173.1	1,029	120.4	202.6
Jul.	313	90.1	167.8	1,089	127.5	212.7
Aug.	313	90.2	159.9	1,102	129.0	205.6
Sept.	305	88.0	160.2	1,183	138.4	226.6
Oct.	313	90.3	165.0	1,116	130.6	215.9
Nov.	321	92.5	165.3	1,085	127.0	214.9
Dec.	330	95.2	179.2	1,078	126.2	220.4

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Groups, January 1944 - December 1945 1/

Year and month	TOBACCO MANUFACTURES			PAPER AND ALLIED PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	84	89.9	158.8	319	120.5	195.3
1945	82	87.4	164.7	317	119.5	202.1
1944						
Jan..	88	94.1	157.9	327	123.4	192.1
Feb..	87	93.5	154.3	326	123.0	193.7
Mar..	83	89.5	146.5	324	122.3	194.4
Apr..	83	89.4	142.7	320	120.8	191.6
May..	82	88.3	152.8	318	119.7	193.0
June..	83	89.4	157.4	318	119.7	195.6
July..	83	88.6	157.0	319	120.0	194.0
Aug..	82	88.2	157.5	317	119.5	195.2
Sept..	82	88.0	163.0	312	117.4	194.3
Oct..	83	89.2	165.7	313	118.1	197.9
Nov..	84	90.2	172.8	316	119.2	199.4
Dec..	85	90.8	178.0	321	120.8	202.8
1945						
Jan..	82	88.2	167.0	319	120.0	200.9
Feb..	82	88.2	165.6	320	120.5	201.7
Mar..	82	87.8	166.0	318	119.7	201.9
Apr..	81	86.8	160.8	312	117.7	199.8
May..	80	85.6	157.2	310	116.9	194.5
June..	80	86.1	164.5	315	118.5	202.0
July..	78	83.4	151.9	309	116.4	198.0
Aug..	79	84.5	149.3	311	117.0	189.2
Sept..	83	89.5	176.0	312	117.5	200.7
Oct..	86	92.2	181.7	321	120.9	206.9
Nov..	83	89.2	172.2	326	122.9	211.0
Dec..	82	87.8	164.1	335	126.3	219.0

Source: Division of Employment Statistics (4-46)

Table 15. - Revised Estimates of Manufacturing Production
 Workers and Indexes of Employment and Pay Rolls, by
 Major Industry Group, January 1944 - December 1945 1/

Year and month	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES			CHEMICALS AND ALLIED PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	326	99.3	154.8	660	229.1	398.1
	327	99.9	144.3	611	211.9	370.5
<u>1944</u>						
Jan..	331	101.1	131.9	690	239.5	411.0
Feb..	331	100.9	131.9	698	242.3	414.3
Mar..	329	100.3	132.4	673	233.6	401.4
Apr..	325	99.2	130.8	656	227.5	391.5
May..	322	98.1	132.1	646	224.1	391.1
June..	324	98.8	134.7	637	221.2	387.7
July..	326	99.6	135.3	637	221.1	387.8
Aug..	324	98.9	135.0	642	222.8	388.8
Sept..	319	97.1	136.0	647	224.3	393.6
Oct..	324	98.7	136.7	656	227.5	397.5
Nov..	326	99.3	139.3	663	230.1	400.0
Dec..	328	100.1	141.1	678	235.2	412.7
<u>1945</u>						
Jan..	324	98.8	139.8	686	238.0	419.8
Feb..	323	98.5	138.2	697	241.9	426.2
Mar..	322	98.2	139.4	698	242.3	431.0
Apr..	319	97.3	138.2	693	240.5	428.1
May..	320	97.5	138.9	682	236.8	425.7
June..	320	97.5	139.6	671	232.8	417.6
July..	317	96.8	137.8	643	223.2	397.8
Aug..	322	98.3	140.0	600	208.3	357.2
Sept..	324	98.8	147.7	496	172.1	292.2
Oct..	336	102.5	150.7	486	168.5	284.9
Nov..	347	105.9	158.5	487	169.1	281.8
Dec..	355	108.1	163.2	488	169.2	283.4

Source: Division of Employment Statistics (1-16)

Table 15. - Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

Year and month	PRODUCTS OF PETROLEUM AND COAL			RUBBER PRODUCTS		
	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		Estimated number of production workers (thousands)	Indexes (1939 average = 100)	
		Production- worker employment	Production- worker pay rolls		Production- worker employment	Production- worker pay rolls
1944	131	123.5	213.9	204	168.5	301.0
1945	135	127.2	223.2	197	163.1	291.4
1944						
Jan..	125	118.4	196.5	207	171.3	295.7
Feb..	127	119.6	201.3	208	172.1	301.9
Mar..	127	120.1	203.9	208	171.8	304.8
Apr..	128	121.1	206.6	203	168.1	290.1
May..	130	122.8	212.6	202	167.1	293.8
June..	132	124.3	215.8	201	165.9	293.3
July..	134	126.4	223.2	201	166.3	292.9
Aug..	135	127.4	220.9	202	167.1	301.5
Sept..	133	126.0	220.7	201	166.5	305.2
Oct..	132	125.0	224.3	201	166.4	304.7
Nov..	132	125.1	219.2	204	168.4	305.8
Dec..	133	125.3	222.2	206	170.5	322.1
1945						
Jan..	133	126.3	222.1	209	172.6	338.3
Feb..	134	126.4	223.8	210	173.2	339.5
Mar..	134	126.6	224.6	209	173.2	315.4
Apr..	134	126.4	230.3	205	169.6	315.9
May..	134	126.8	227.8	201	166.6	299.8
June..	135	127.4	230.6	199	164.5	304.3
July..	136	128.0	234.6	194	160.5	298.7
Aug..	135	128.0	229.8	191	158.0	265.7
Sept..	131	123.3	212.1	165	136.5	231.3
Oct..	131	123.6	198.0	187	154.4	254.2
Nov..	139	131.3	222.9	194	160.1	257.8
Dec..	140	132.3	222.2	203	168.2	275.5

Source: Division of Employment Statistics (4-46)

Table 15.-Revised Estimates of Manufacturing Production
Workers and Indexes of Employment and Pay Rolls, by
Major Industry Group, January 1944 - December 1945 1/

MISCELLANEOUS INDUSTRIES

Year and month	Estimated number of production workers (thousands)	Indexes (1939 average = 100)			Year and Month	Estimated number of production workers (thousands)	Indexes (1939 average = 100)		
		Production worker employment	Production worker pay rolls	Production worker pay rolls			Production worker employment	Production worker pay rolls	
1944	424	173.4	330.8	330.8	1945	394	160.9	305.1	305.1
<u>1944</u>									
Jan..	445	181.7	337.6	337.6	1945	418	171.0	340.6	340.6
Feb..	439	179.4	337.7	337.7	Feb..	423	173.1	344.5	344.5
Mar..	435	177.6	337.0	337.0	Mar..	426	174.3	348.0	348.0
Apr..	430	175.6	332.0	332.0	Apr..	424	173.3	345.2	345.2
May..	425	173.5	330.8	330.8	May..	423	172.9	336.7	336.7
June.	423	173.1	332.5	332.5	June.	421	171.9	337.5	337.5
July.	420	171.6	323.2	323.2	July.	406	165.9	315.0	315.0
Aug..	416	170.0	319.9	319.9	Aug..	401	163.9	293.7	293.7
Sept.	412	168.5	324.0	324.0	Sept.	334	136.5	239.2	239.2
Oct..	414	169.2	329.0	329.0	Oct..	338	138.3	243.1	243.1
Nov..	416	170.0	329.3	329.3	Nov..	348	142.2	251.1	251.1
Dec..	418	170.7	336.9	336.9	Dec..	360	147.3	266.7	266.7

1/ Estimates and indexes for the major industry groups have been adjusted to levels indicated by the final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency and are not comparable with data published in mimeographed releases dated prior to April 1946 or the May 1946 issue of the Monthly Labor Review. The present adjustment affects data from 1944 to the present only. Hours and earnings data are not affected by this adjustment.

Source: Division of Employment Statistics (4-16)