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EMPLOYMENT and PAY ROLLS

**DETAILED REPORT
MARCH 1947**

United States Department of Labor
Bureau of Labor Statistics

REVISED ESTIMATES OF EMPLOYMENT

Industries in the Apparel Group

In this detailed report the Bureau presents revisions of the production worker estimates for the individual industries comprising the apparel group. The new estimates, based on 1945 data from the Social Security Administration, correct the downward bias which has accumulated since 1939 and are, therefore, more representative of the true levels of employment. In addition, the industries are now consistent with the estimate for the major group--apparel and finished textile products--which had previously been adjusted.

The estimates for all industries in this group, with the exception of the corset industry, have been revised. Because of the lapse of several years without any revisions, the magnitude of each of the changes is very large. The largest of these was in the women's clothing industry, where the employment in a considerable number of new establishments had not been reflected in the Bureau's series. This is the most important single cause of the downward bias.

The present report shows revised estimates and indexes only for the current months and March of last year. A set of summary sheets presenting revised figures from January 1939 to date, by month, will be provided upon request.

U. S. Department of Labor
 Bureau of Labor Statistics
 Employment and Occupational Outlook Branch
 Division of Employment Statistics

EMPLOYMENT AND PAY ROLLS

Detailed Report

March 1947

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

Industry Group and Industry	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
ALL MANUFACTURING 1/	12,617	12,599	12,511	10,819
DURABLE GOODS 1/	6,535	6,505	6,429	5,118
NONDURABLE GOODS 1/	6,082	6,094	6,082	5,701
<u>Durable Goods</u>				
IRON AND STEEL AND THEIR PRODUCTS 1/	1,567	1,562	1,552	1,313
Blast furnaces, steel works, and rolling mills	482.3	483.3	479.7	453.8
Gray-iron and semi-steel castings	87.1	87.1	86.2	76.5
Malleable-iron castings	25.7	25.4	25.1	20.1
Steel castings	49.5	49.8	50.5	38.9
Cast-iron pipe and fittings	20.2	20.1	19.8	16.2
Tin cans and other tinware	41.1	41.3	41.6	33.4
Wire drawn from purchased rods	29.5	30.1	30.5	25.4
Wirework	42.3	39.7	41.9	32.4
Cutlery and edge tools	27.9	27.9	27.8	22.5
Tools (except edge tools, machine tools, files, and saws)	27.0	26.7	26.7	22.5
Hardware	51.3	50.9	50.1	39.9
Plumbers' supplies	30.5	30.7	30.1	23.0
Stoves, oil burners, and heating equipment not elsewhere classified	64.2	63.5	62.8	47.6
Steam and hot-water heating apparatus and steam fittings	52.6	52.5	52.6	36.6
Stamped and enameled ware and galvanizing	85.9	85.8	84.9	66.1
Fabricated structural and ornamental metalwork	59.0	58.0	57.5	45.6
Metal doors, sash, frames, molding, and trim	10.1	10.1	10.2	7.2
Bolts, nuts, washers, and rivets	21.5	21.7	21.6	19.3
Forgings, iron and steel	27.5	27.3	26.9	25.2
Wrought pipe, welded and heavy- riveted	13.3	13.8	13.6	10.8
Screw machine products and wood screws	29.4	29.5	29.4	26.1
Steel barrels, kegs, and drums	6.1	6.0	6.2	4.7
Firearms	14.2	14.3	14.1	11.4
ELECTRICAL MACHINERY 1/	599	601	598	380
Electrical equipment	316.9	318.1	315.7	185.6
Radios and phonographs	92.0	92.5	92.8	68.2
Communication equipment	91.6	92.2	92.4	68.9

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

Industry Group and Industry	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
MACHINERY, EXCEPT ELECTRICAL <u>1/</u>	1,189	1,181	1,173	910
Machinery and machine-shop products	385.6	385.1	381.9	313.9
Engines and turbines	45.6	45.5	45.4	25.1
Tractors	54.9	55.0	54.8	40.5
Agricultural machinery, excluding tractors	46.9	46.8	46.1	30.4
Machine tools	58.0	59.0	59.8	57.3
Machine-tool accessories	49.0	50.1	51.3	45.9
Textile machinery	37.5	37.1	36.4	27.2
Pumps and pumping equipment	59.8	59.4	58.8	48.9
Typewriters	23.3	23.0	22.7	16.2
Cash registers, adding and calculating machines	39.8	38.7	37.6	30.2
Washing machines, wringers and driers, domestic	13.7	13.3	12.7	9.4
Sewing machines, domestic and industrial	11.3	11.1	10.9	8.7
Refrigerators and refrigeration equipment	70.7	67.1	68.2	43.8
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES <u>1/</u>	472	473	474	476
Locomotives	26.0	26.9	26.6	5.0
Cars, electric- and steam- railroad	54.5	53.6	51.2	41.9
Aircraft and parts, excluding aircraft engines	141.0	141.9	143.9	116.8
Aircraft engines	28.0	28.6	29.5	22.4
Shipbuilding and boatbuilding	140.8	141.5	142.4	218.6
Motorcycles, bicycles, and parts	12.8	12.5	12.2	8.3
AUTOMOBILES <u>1/</u>	798	791	755	464
NONFERROUS METALS AND THEIR PRODUCTS <u>1/</u>	431	433	428	324
Smelting and refining, primary, of nonferrous metals	41.3	41.4	40.2	28.9
Alloying and rolling and drawing of nonferrous metals except aluminum	62.7	63.8	63.0	43.8
Clocks and watches	28.3	28.5	28.3	25.2
Jewelry (precious metals) and jewelers' findings	17.7	17.8	17.9	16.6
Silverware and plated ware	15.8	15.8	15.6	13.2
Lighting equipment	33.0	33.0	32.3	19.0
Aluminum manufactures	50.6	50.8	51.1	41.9
Sheet metal work, not elsewhere classified	26.4	26.5	26.4	21.9

4.

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

Industry Group and Industry	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
LUMBER AND TIMBER BASIC PRODUCTS 1/	611	598	592	499
Sawmills and logging camps	234.0	229.9	228.5	206.5
Planing and plywood mills	77.3	76.7	76.9	66.2
FURNITURE AND FINISHED LUMBER PRODUCTS 1/	441	442	432	376
Mattresses and bedsprings	23.8	23.6	23.5	17.8
Furniture	175.4	176.8	173.4	154.3
Wooden boxes, other than cigar	26.9	26.4	26.4	24.6
Caskets and other morticians' goods	15.1	15.0	15.0	13.3
Wood preserving	13.7	13.5	13.0	11.7
Wood, turned and shaped	25.4	25.9	24.6	22.7
STONE, CLAY, AND GLASS PRODUCTS 1/	427	424	425	376
Glass and glassware	103.4	101.7	104.1	101.9
Glass products made from purchased glass	13.4	13.4	13.2	12.3
Cement	28.8	28.9	28.9	23.7
Brick, tile, and terra cotta	63.7	63.2	63.1	54.3
Pottery and related products	50.3	50.4	49.6	43.6
Gypsum	5.9	6.1	6.1	5.1
Wallboard, plaster (except gypsum), and mineral wool	10.9	11.1	11.1	10.0
Lime	9.0	9.0	8.9	8.5
Marble, granite, slate, and other products	17.7	17.4	16.9	15.2
Abrasives	20.1	20.1	20.2	17.7
Asbestos products	21.3	21.4	21.6	15.1
Nondurable Goods				
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES 1/	1,242	1,247	1,242	1,169
Cotton manufactures, except small wares	470.1	471.5	470.1	442.4
Cotton small wares	14.2	14.4	14.6	14.3
Silk and rayon goods	95.2	95.4	95.7	89.8
Woolen and worsted manufactures, except dyeing and finishing	158.1	162.1	163.0	158.1
Hosiery	120.1	120.0	119.0	111.5
Knitted cloth	10.2	10.4	10.5	11.2
Knitted outerwear and knitted gloves	29.4	30.1	30.4	30.6
Knitted underwear	37.8	37.3	36.6	34.9
Dyeing and finishing textiles including woolen and worsted	66.3	66.4	66.0	62.9
Carpets and rugs, wool	27.8	27.2	26.7	22.4
Hats, fur-felt	11.9	12.0	12.0	10.9
Jute goods, except felts	3.9	3.9	3.8	3.9
Cordage and twine	14.7	15.0	15.0	14.4

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

Industry Group and Industry	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS 1/	1,120	1,119	1,090	998
Men's clothing, not elsewhere classified 2/	287.5	287.8	284.6	248.3
Shirts, collars, and nightwear 2/	74.1	73.7	71.4	61.2
Underwear and neckwear, men's 2/	18.1	18.5	18.3	16.5
Work shirts 2/	16.5	16.8	16.3	14.8
Women's clothing, not elsewhere classified 2/	442.3	439.4	421.8	400.6
Corsets and allied garments 2/	17.7	17.3	17.1	16.0
Millinery 2/	26.2	26.0	24.2	27.3
Handkerchiefs 2/	4.9	4.8	4.7	4.4
Curtains, draperies, and bedspreads 2/	23.6	24.8	25.7	24.2
Housefurnishings, other than curtains, etc. 2/	28.4	28.8	29.1	27.3
Textile bags 2/	29.4	29.7	29.3	24.6
LEATHER AND LEATHER PRODUCTS 1/	363	364	362	358
Leather	43.4	43.7	43.2	44.0
Boot and shoe cut stock and findings	17.7	17.6	17.8	18.1
Boots and shoes	196.0	196.6	195.4	191.6
Leather gloves and mittens	9.8	9.9	10.1	11.8
Trunks and suitcases	13.6	13.7	13.9	14.0
FOOD 1/	1,055	1,062	1,098	1,050
Slaughtering and meat packing	143.5	148.9	154.4	147.0
Butter	22.8	22.4	22.1	22.4
Condensed and evaporated milk	13.6	13.4	13.1	13.1
Ice cream	17.1	16.4	16.1	16.4
Flour	30.7	30.7	30.5	30.2
Feeds, prepared	22.5	21.6	21.9	22.5
Cereal preparations	9.8	9.8	10.2	10.9
Baking	245.0	243.9	249.0	254.5
Sugar refining, cane	14.4	13.2	14.6	13.4
Sugar, beet	4.5	5.0	9.2	4.5
Confectionery	56.0	56.8	56.9	52.5
Beverages, nonalcoholic	22.7	22.4	22.5	22.6
Malt liquors	52.8	52.4	52.7	51.5
Canning and preserving	76.7	81.7	94.6	84.9
TOBACCO MANUFACTURES 1/	86	89	90	82
Cigarettes	32.9	33.4	34.1	32.0
Cigars	40.1	42.1	41.8	37.2
Tobacco (chewing and smoking) and snuff	7.0	7.2	7.5	7.3

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

Industry Group and Industry	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
PAPER AND ALLIED PRODUCTS 1/	387	387	386	357
Paper and pulp	172.5	172.7	172.0	162.0
Paper goods, other	47.5	47.6	47.5	46.2
Envelopes	11.0	11.0	10.9	10.1
Paper bags	15.6	15.8	16.0	14.1
Paper boxes	90.8	90.9	91.3	83.9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES 1/	421	420	417	386
Newspapers and periodicals	138.5	137.2	135.2	127.0
Printing, book and job	164.8	166.0	166.2	154.2
Lithographing	30.4	30.5	30.2	28.3
Bookbinding	34.2	33.9	33.7	30.4
CHEMICALS AND ALLIED PRODUCTS 1/	569	568	564	540
Paints, varnishes, and colors	37.3	36.8	36.3	34.8
Drugs, medicines, and insecticides	54.3	54.0	54.2	50.8
Perfumes and cosmetics	10.3	10.7	10.9	12.1
Soap	15.4	15.1	14.5	14.2
Rayon and allied products	58.4	59.1	58.9	59.7
Chemicals, not elsewhere classified	124.6	124.2	124.3	115.4
Explosives and safety fuses	13.9	13.7	13.4	14.5
Compressed and liquefied gases	5.9	6.0	5.9	5.4
Ammunition, small-arms	6.7	6.6	6.6	8.3
Fireworks	2.6	2.7	3.0	2.5
Cottonseed oil	15.0	16.5	17.3	13.9
Fertilizers	28.8	27.9	25.6	31.4
PRODUCTS OF PETROLEUM AND COAL 1/	155	155	154	149
Petroleum refining	98.7	98.5	98.3	96.9
Coke and by-products	25.8	26.1	25.6	24.9
Paving materials	1.7	1.6	1.6	1.8
Roofing materials	12.1	12.3	12.4	10.5
RUBBER PRODUCTS 1/	238	240	240	216
Rubber tires and inner tubes	107.8	108.9	110.1	103.7
Rubber boots and shoes	20.2	20.3	19.9	17.3
Rubber goods, other	75.5	76.4	76.6	68.1
MISCELLANEOUS INDUSTRIES 1/	446	443	439	396
Instruments (professional and scientific), and fire control equipment	20.0	20.1	20.1	22.6
Photographic apparatus	25.4	25.3	25.3	23.5
Optical instruments and ophthalmic goods	21.3	21.6	21.8	21.1
Pianos, organs, and parts	10.8	10.6	10.4	8.1
Games, toys, and dolls	23.1	21.9	21.3	19.4
Buttons	9.4	9.6	10.1	10.1
Fire extinguishers	2.2	2.3	2.1	2.3

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

- 1/ March 1947 estimates are based on reports from 33,500 cooperating establishments covering 7,650,000 production workers. Estimates for the major industry groups have been adjusted to levels indicated by final 1945 data made available by the Bureau of Employment Security of the Federal Security Agency and supersede data shown in mimeographed releases dated prior to April 1947 and Monthly Labor Reviews dated prior to May 1947. Comparable series from January 1945 available upon request. The sum of the individual industry estimates, however, do not agree with the totals shown for the major industry groups. The Bureau has not prepared estimates for certain industries and, with the exception of apparel, estimates for individual industries have been adjusted only to levels indicated by the 1939 Census of Manufactures but not to Federal Security Agency data. (See apparel adjustment note.) Data for the current and immediately preceding months are subject to revisions
- 2/ These estimates have been adjusted to levels indicated by final 1945 data made available by the Bureau of Employment Security of the Federal Security Agency. They supersede data shown in mimeographed releases dated prior to May 1947 and Monthly Labor Reviews dated prior to June 1947. Comparable series from January 1939 available upon request.

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
ALL MANUFACTURING 1/	154.0	153.8	152.7	132.1	313.9	310.7	307.3	238.3
DURABLE GOODS 1/	181.0	180.1	178.0	141.7	350.3	344.7	340.0	244.8
NONDURABLE GOODS 1/	132.8	133.0	132.8	124.4	278.4	277.5	275.3	232.1
<u>Durable Goods</u>								
IRON AND STEEL AND THEIR PRODUCTS 1/	158.1	157.5	156.5	132.4	294.2	287.9	287.9	225.1
Blast furnaces, steel works, and rolling mills	124.2	124.4	123.5	116.8	212.9	209.3	208.9	189.1
Gray-iron and semi-steel castings	149.1	149.1	147.4	131.0	320.0	317.1	317.1	254.0
Malleable-iron castings	142.3	141.1	139.2	111.2	310.0	307.5	302.8	212.6
Steel castings	164.4	165.4	167.7	129.4	304.6	293.0	302.8	213.2
Cast-iron pipe and fittings	122.4	121.8	120.0	97.9	287.5	282.1	286.7	192.3
Tin cans and other tinware	129.4	150.1	131.0	105.2	243.3	238.7	242.8	178.1
Wire drawn from purchased rods	134.4	136.8	138.8	115.7	235.6	239.6	247.7	178.8
Wirework	139.3	130.6	137.7	106.7	279.8	254.9	273.8	194.1
Cutlery and edge tools	180.8	180.7	180.5	146.0	408.0	407.0	405.1	306.9
Tools (except edge tools, machine tools, files, and saws)	176.2	174.6	174.1	147.2	362.8	355.6	361.3	278.7
Hardware	144.0	142.9	140.4	111.8	300.9	297.5	289.0	209.2
Plumbers' supplies	123.8	124.7	122.2	93.1	234.7	229.6	237.6	157.1
Stoves, oil burners, and heating equipment not elsewhere classified	139.3	137.6	136.2	103.2	281.8	274.0	277.9	181.5
Steam and hot-water heating apparatus and steam fittings	173.7	173.2	173.5	120.8	337.3	331.8	331.2	217.5
Stamped and enameled ware and galvanizing	154.7	154.5	152.9	119.0	325.4	317.6	318.3	218.7
Fabricated structural and ornamental metalwork	166.2	163.4	162.0	128.5	307.4	293.8	287.9	211.4
Metal doors, sash, frames, molding, and trim	129.9	131.0	131.3	93.0	261.9	251.4	253.8	157.9
Bolts, nuts, washers, and rivets	150.6	151.5	150.7	135.2	284.5	287.2	277.4	219.3
Forgings, iron and steel	178.8	177.8	175.0	163.9	353.6	348.9	341.0	264.0
Wrought pipe, welded and heavy-riveted	158.8	165.2	161.9	129.3	289.9	293.6	292.9	204.4
Screw-machine products and wood screws	173.6	174.5	173.9	154.0	362.7	354.8	355.0	281.7
Steel barrels, kegs, and drums	101.2	99.5	102.9	77.3	239.9	236.3	232.4	148.7
Firearms	283.7	286.6	282.8	227.6	598.0	590.1	580.4	420.4
ELECTRICAL MACHINERY 1/ <u>Electrical equipment</u>	231.3	232.0	230.8	146.6	431.2	422.9	425.6	232.3
Radios and phonographs	175.3	176.0	174.6	102.6	324.1	315.2	317.2	154.6
<u>Communication equipment</u>	211.5	212.7	213.3	156.7	419.7	415.7	423.2	285.9
Communication equipment	285.2	287.0	287.6	214.6	524.3	528.1	530.3	353.9

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
MACHINERY, EXCEPT ELECTRICAL 1/	225.1	223.5	222.0	172.3	416.6	409.6	406.6	287.3
Machinery and machine-shop products	190.6	190.3	188.8	155.1	354.9	352.0	350.3	258.0
Engines and turbines	244.4	243.8	243.5	134.6	494.1	493.1	491.7	230.8
Tractors	175.4	175.9	175.2	129.4	278.9	273.6	273.3	199.1
Agricultural machinery, excluding tractors 2/	168.6	168.4	165.7	109.3	312.5	308.3	294.9	169.9
Machine tools	156.4	161.1	163.2	156.4	275.6	278.9	282.7	256.8
Machine-tool accessories	194.8	199.2	204.0	182.3	326.7	332.5	342.7	291.1
Textile machinery	171.4	169.5	166.2	124.2	351.7	347.3	337.3	232.5
Pumps and pumping equipment	246.6	245.1	242.7	202.0	489.6	485.3	466.5	359.3
Typewriters	144.0	142.0	139.8	99.7	287.7	282.6	276.2	189.1
Cash registers, adding and calculating machines	202.4	196.8	191.2	153.6	401.1	388.5	355.7	270.4
Washing machines, wringers and driers, domestic	184.2	177.7	169.6	126.4	357.6	316.8	326.8	194.9
Sewing machines, domestic and industrial	144.1	142.1	138.6	111.2	295.2	287.6	278.1	205.1
Refrigerators and refrigeration equipment	201.0	190.8	194.1	124.5	359.4	325.0	345.7	200.2
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES 1/	297.2	298.3	298.4	299.9	555.2	557.5	562.6	525.5
Locomotives	402.3	416.3	410.9	77.1	723.7	827.2	797.2	154.5
Cars, electric- and steam- railroad	222.3	218.5	208.6	171.1	448.2	438.7	411.2	296.1
Aircraft and parts, excluding aircraft engines	355.3	357.6	362.8	294.4	659.0	667.8	668.7	524.0
Aircraft engines	314.9	321.8	331.4	252.2	479.9	506.8	535.0	384.4
Shipbuilding and boatbuilding	203.4	204.4	205.7	315.7	384.3	377.1	395.8	548.5
Motorcycles, bicycles, and parts	183.4	179.4	175.1	119.0	353.8	327.6	318.5	190.0
AUTOMOBILES 1/	198.2	196.6	187.7	115.3	347.7	337.3	321.1	173.0
NONFERROUS METALS AND THEIR PRODUCTS 1/	188.0	188.9	186.9	141.4	360.2	361.0	354.8	252.1
Smelting and refining, primary, of nonferrous metals	149.5	149.9	145.5	104.7	285.2	282.4	269.7	181.8
Alloying and rolling and drawing of nonferrous metals except aluminum	161.5	164.4	162.2	112.9	300.6	307.6	301.4	199.7
Clocks and watches	139.6	140.7	139.3	124.2	303.2	306.2	296.0	248.2
Jewelry (precious metals) and jewelers' findings	122.8	123.5	124.0	115.2	232.8	233.9	236.8	214.0
Silverware and plated ware	130.5	129.8	128.5	109.0	286.5	279.5	279.2	217.5
Lighting equipment	161.3	161.2	157.9	92.6	290.2	298.8	285.7	142.3
Aluminum manufactures	214.9	215.6	217.2	177.9	382.9	375.0	381.8	299.1
Sheet-metal work, not else- where classified	140.9	141.2	140.8	117.0	273.4	275.3	277.4	210.2

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
LUMBER AND TIMBER BASIC								
PRODUCTS 1/	145.4	142.3	140.9	118.6	313.3	311.4	292.4	219.1
Sawmills and logging camps	81.3	79.8	79.3	71.7	175.1	175.6	163.4	131.9
Planing and plywood mills	106.3	105.6	105.9	91.2	221.7	220.0	216.2	164.9
FURNITURE AND FINISHED LUMBER								
PRODUCTS 1/	134.3	134.6	131.8	114.6	292.3	292.4	283.1	217.9
Mattresses and bedsprings	129.5	128.8	128.2	96.9	254.8	258.0	259.8	169.6
Furniture	110.2	111.1	108.9	97.0	242.4	243.0	234.8	184.3
Wooden boxes, other than cigar	106.1	104.3	104.2	97.0	238.2	236.4	234.8	199.8
Caskets and other morticians'								
goods 2/	121.3	120.2	120.2	106.8	237.7	232.4	231.4	183.9
Wood preserving	121.6	120.5	116.0	103.7	294.5	288.6	271.1	222.4
Wood, turned and shaped	115.4	117.7	112.0	103.4	246.2	251.7	238.3	200.9
STONE, CLAY, AND GLASS PRODUCTS 1/	145.3	144.5	144.9	128.3	285.7	278.4	280.0	223.1
Glass and glassware	148.2	145.7	149.1	146.0	283.7	270.7	282.6	246.7
Glass products made from								
purchased glass	134.3	133.6	132.0	123.3	279.3	279.2	268.7	220.2
Cement	120.8	121.2	121.5	99.3	202.7	201.1	197.9	154.8
Brick, tile, and terra cotta	112.2	111.3	111.2	95.6	231.6	226.5	226.6	169.1
Pottery and related products	152.1	152.2	149.9	131.7	286.6	278.8	270.0	217.3
Gypsum	118.8	122.8	123.8	104.0	235.4	238.9	243.8	178.5
Wallboard, plaster (except								
gypsum), and mineral wool	133.9	136.4	136.2	122.7	300.6	312.0	290.8	232.4
Lime	95.0	95.3	94.2	90.1	222.1	218.2	210.0	190.0
Marble, granite, slate, and								
other products	95.4	94.0	91.3	82.3	164.4	158.1	152.9	130.1
Abrasives	259.4	259.9	261.8	228.9	461.3	450.2	482.6	384.9
Asbestos products	134.2	134.8	136.1	95.2	307.4	307.1	305.3	185.6
<u>Nondurable Goods</u>								
TEXTILE-MILL PRODUCTS AND OTHER								
FIBER MANUFACTURES 1/	108.6	109.1	108.6	102.2	265.0	262.0	254.3	211.4
Cotton manufactures, except								
small wares	118.7	119.1	118.7	111.7	322.0	309.1	304.4	242.3
Cotton small wares	106.4	108.4	110.0	107.1	232.8	237.3	239.3	210.8
Silk and rayon goods	79.5	79.6	79.9	75.0	208.8	206.9	201.3	163.6
Woolen and worsted manufactures,								
except dyeing and finishing	105.9	108.6	109.2	105.9	262.0	275.0	251.8	234.2
Hosiery	75.5	75.5	74.8	70.1	158.2	157.9	156.1	129.0
Knitted cloth	93.8	95.3	95.7	102.2	202.8	207.1	198.5	208.5
Knitted outerwear and knitted								
gloves	104.4	107.0	108.0	108.8	231.7	237.8	238.3	226.9
Knitted underwear	98.2	96.7	94.9	90.5	230.9	223.0	215.5	182.7
Dyeing and finishing textiles,								
including woolen and worsted	99.2	99.3	98.7	94.1	218.3	217.2	215.3	180.7
Carpets and rugs, wool	108.8	106.3	104.4	87.7	222.4	214.5	210.6	153.2
Hats, fur-felt	81.7	82.2	82.5	74.6	175.0	178.0	180.5	166.6
Jute goods, except felts	108.0	107.8	105.2	107.9	255.4	255.9	240.1	222.3
Cordage and twine	121.6	123.7	124.0	118.8	272.7	273.6	271.8	225.5

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
APPAREL AND OTHER FINISHED								
TEXTILE PRODUCTS 1/	141.9	141.7	138.0	126.4	311.5	314.1	300.6	259.1
Men's clothing, not elsewhere classified 3/	125.2	125.3	123.9	108.1	281.3	280.8	277.2	211.7
Shirts, collars, and nightwear 3/	100.2	99.6	96.5	82.7	233.7	234.0	225.9	170.2
Underwear and neckwear, men's 3/	107.0	108.8	107.9	97.3	275.6	274.1	270.8	223.0
Work shirts 3/	116.9	118.7	115.6	104.9	274.3	283.9	273.7	208.5
Women's clothing, not elsewhere classified 3/	154.5	153.5	147.4	139.9	340.0	344.8	322.3	299.3
Corsets and allied garments 3/	94.5	91.9	91.1	85.1	201.2	195.7	187.8	165.2
Millinery 3/	102.6	101.9	95.0	106.8	197.2	201.9	169.6	206.6
Handkerchiefs 3/	96.4	95.2	91.6	86.0	228.0	221.4	201.4	179.3
Curtains, draperies, and bedspreads 3/	132.6	139.5	144.6	136.1	285.8	298.7	310.7	278.6
Housefurnishings, other than curtains, etc. 3/	254.3	258.0	260.2	244.4	511.7	518.2	522.0	477.3
Textile bags 3/	233.4	235.4	232.7	195.1	459.5	467.8	473.1	338.3
LEATHER AND LEATHER PRODUCTS 1/	104.5	104.9	104.4	103.1	222.4	223.0	220.8	203.6
Leather	91.8	92.4	91.5	93.2	184.8	185.5	179.3	163.9
Boot and shoe cut stock and findings	94.0	93.6	94.6	96.2	176.7	175.6	178.4	171.4
Boots and shoes	89.9	90.2	89.6	87.9	198.3	198.9	197.7	182.7
Leather gloves and mittens	97.6	98.9	101.0	118.0	181.5	183.5	191.9	219.8
Trunks and suitcases	163.4	164.4	166.4	168.7	320.0	327.0	321.0	304.0
FOOD 1/	123.5	124.2	128.4	122.8	239.3	243.0	256.4	209.7
Slaughtering and meat packing	119.1	123.5	128.1	122.0	217.1	237.8	268.0	191.1
Butter	127.2	124.7	123.1	124.7	243.3	237.3	233.7	211.3
Condensed and evaporated milk	140.4	137.9	134.6	135.1	286.1	278.2	269.8	236.7
Ice cream	108.7	104.4	102.3	104.4	188.9	182.8	181.6	163.3
Flour	124.0	124.0	123.2	121.8	266.6	262.2	268.2	214.1
Feeds, prepared	146.1	140.4	142.1	146.2	306.4	278.2	284.3	258.5
Cereal preparations	131.9	131.9	137.0	146.8	258.7	253.9	260.5	256.4
Baking	106.2	105.7	107.9	110.3	193.2	194.5	201.1	182.8
Sugar refining, cane	101.9	93.0	103.2	94.4	184.8	161.2	167.3	142.6
Sugar, beet	43.0	48.2	88.0	43.1	78.4	92.8	158.6	68.3
Confectionery	112.6	114.1	114.3	105.6	228.4	230.1	226.3	185.7
Beverages, nonalcoholic	106.7	105.4	106.0	106.3	165.7	163.4	164.6	148.1
Malt liquors	146.4	145.2	145.9	142.6	239.7	233.6	235.7	200.2
Canning and preserving	57.1	60.8	70.3	63.2	131.2	137.9	158.2	132.1
TOBACCO MANUFACTURES 1/	92.2	95.4	96.1	87.9	193.1	201.0	209.4	171.3
Cigarettes	119.9	121.9	124.2	116.6	226.8	233.6	241.5	201.7
Cigars	78.7	82.8	82.1	73.1	175.7	186.2	195.2	156.4
Tobacco (chewing and smoking) and snuff	76.5	78.4	82.1	79.9	144.4	144.0	155.8	129.0

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
PAPER AND ALLIED PRODUCTS 1/	145.9	145.9	145.6	134.4	290.9	288.1	285.1	235.4
Paper and pulp	125.5	125.7	125.2	117.9	252.5	251.4	246.9	208.1
Paper goods, other	126.2	126.5	126.2	122.7	250.1	247.0	246.4	212.4
Envelopes	126.5	126.4	125.9	116.6	238.8	237.3	234.9	197.7
Paper bags	140.8	142.6	144.7	127.5	283.8	283.9	292.2	229.3
Paper boxes	131.3	131.4	132.0	121.3	261.3	256.8	257.9	212.5
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES 1/	128.2	128.1	127.2	117.7	227.7	221.8	219.6	182.8
Newspapers and periodicals	116.7	115.6	114.0	107.0	196.9	191.0	185.2	154.4
Printing, book and job	130.4	131.4	131.5	122.1	238.9	234.2	235.2	200.2
Lithographing	117.1	117.3	116.2	108.9	205.1	199.1	201.1	167.5
Bookbinding	132.6	131.6	130.9	117.8	285.1	275.8	278.0	230.8
CHEMICALS AND ALLIED PRODUCTS 1/	197.5	197.1	195.6	187.3	377.5	372.6	362.9	317.0
Paints, varnishes, and colors	132.4	130.6	129.0	123.6	230.6	222.0	216.4	192.3
Drugs, medicines, and insecticides	198.2	196.9	197.9	185.5	362.9	362.7	352.8	301.0
Perfumes and cosmetics	99.7	103.3	105.6	116.9	185.0	188.3	190.3	185.0
Soap	113.2	111.2	107.1	104.4	214.8	208.3	199.2	169.7
Rayon and allied products	121.0	122.3	122.0	123.7	236.4	236.0	219.7	199.6
Chemicals, not elsewhere classified	179.1	178.6	178.6	165.9	326.8	323.5	321.0	276.3
Explosives and safety fuses	191.0	188.3	184.9	199.6	315.3	307.9	320.3	309.8
Compressed and liquefied gases 2/	149.7	151.1	147.9	136.8	253.9	258.4	248.1	221.3
Ammunition, small-arms	156.0	155.4	155.9	193.6	333.2	334.1	332.3	376.8
Fireworks	228.5	231.0	258.9	211.3	628.4	623.7	661.1	533.1
Cottonseed oil	99.0	108.3	114.1	91.7	253.9	280.7	295.0	198.4
Fertilizers	153.4	148.8	136.6	167.6	385.0	360.6	327.6	387.0
PRODUCTS OF PETROLEUM AND COAL 1/4/	145.9	146.0	145.4	140.4	264.9	256.8	253.9	237.2
Petroleum refining	135.4	135.2	135.0	133.1	238.6	228.8	227.5	217.9
Coke and by-products	119.0	120.2	117.9	114.7	228.5	230.5	222.6	210.0
Paving materials	69.9	66.4	67.4	73.5	118.0	114.5	116.1	130.9
Roofing materials	150.5	152.9	154.4	130.5	312.8	314.0	313.5	229.1
RUBBER PRODUCTS 1/4/	196.5	198.2	198.8	178.7	374.3	385.0	386.3	298.2
Rubber tires and inner tubes	199.1	201.2	203.5	191.6	343.7	357.7	361.2	281.1
Rubber boots and shoes	136.4	136.8	133.9	116.7	275.2	280.6	276.0	217.9
Rubber goods, other	145.9	147.6	148.0	131.5	298.6	302.8	303.4	242.4
MISCELLANEOUS INDUSTRIES 1/	182.1	180.9	179.3	161.9	367.6	360.0	356.7	295.7
Instruments (professional and scientific), and fire control equipment	181.0	181.8	182.0	204.5	327.6	326.4	329.5	346.0
Photographic apparatus	147.2	146.4	146.5	136.2	271.6	249.5	254.1	215.3
Optical instruments and ophthalmic goods	183.4	186.2	187.9	181.3	334.5	334.3	344.8	309.4
Pianos, organs, and parts	142.1	139.2	136.5	105.8	298.6	302.6	297.7	179.4
Games, toys, and dolls	123.8	117.5	114.2	104.1	270.9	246.7	236.4	205.1
Buttons	85.8	87.5	91.7	92.1	189.2	196.9	203.0	190.1
Fire extinguishers	225.0	227.3	214.7	228.9	410.0	409.7	425.9	471.1

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

- 1/ These indexes are based on 33,500 cooperating establishments covering 7,650,000 full- and part-time production workers who worked or received pay during any part of one pay period ending nearest the 15th of March 1947. Indexes for the major industry groups have been adjusted to levels indicated by final 1945 data made available by the Bureau of Employment Security of the Federal Security Agency and supersede data shown in mimeographed releases dated prior to April 1947 and Monthly Labor Reviews dated prior to May 1947. Comparable series from January 1945 available upon request. Indexes for the individual industry estimates, however, do not agree with the indexes shown for the major industry groups. With the exception of the industries in the apparel group, indexes for individual industries have been adjusted to levels indicated by the 1939 Census of Manufactures, but not to Federal Security Agency data.
- Indexes for the current and immediately preceding months are subject to revision
- 2/ Revisions have been made as follows in the indexes for earlier months:
- Agricultural machinery, excluding tractors - July and August 1946 pay roll to 247.5 and 252.9.
- Caskets and other morticians' goods - November and December 1946 pay roll to 209.8 and 229.3.
- Compressed and liquefied gases - December 1946 pay roll to 247.4.
- 3/ These indexes have been adjusted to levels indicated by final 1945 data made available by the Bureau of Employment Security of the Federal Security Agency. They supersede data shown in mimeographed releases dated prior to May 1947 and Monthly Labor Reviews dated prior to June 1947. Comparable series from January 1939 available upon request.
- 4/ CORRECTION - Supplement Table 15, Page 41, February 1947 Detailed Report:
- PRODUCTS OF PETROLEUM AND COAL - December 1946 pay roll index should have been 250.9.
- RUBBER PRODUCTS - December 1946 employment index should have been 200.1; pay roll 392.2.

Table 3. - Estimated Number of Employees in Selected Nonmanufacturing Industries ^{1/} (In thousands)

Industry Group and Industry	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
Mining ^{2/}				
Anthracite	67.7	68.7	69.1	67.7
Bituminous coal	332	335	336	348
Metal	78.2	77.3	76.9	57.7
Iron	27.3	26.5	26.4	16.0
Copper	24.2	24.2	23.9	17.8
Lead and zinc	16.5	16.6	16.5	14.5
Gold and silver	8.0	7.9	7.7	7.2
Miscellaneous	2.3	2.2	2.2	2.3
Telephone	598	594	588	504
Telegraph ^{3/}	37.9	38.3	39.4	46.4
Electric light and power	254	252	250	236
Street railways and busses	254	254	254	244
Hotels (year-round)	378	380	378	385
Power laundries	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{4}$
Cleaning and dyeing	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{4}$
Class I steam railroads ^{5/}	1,326	1,325	1,332	1,368

^{1/} See footnote ^{1/}, table 5, page 15.

^{2/} Data are for production workers only.

^{3/} Excludes messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies.

^{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

Table 4. - Percentage Changes in Employment and Pay Rolls in Selected Nonmanufacturing Industries, March 1947

Industry Group and Industry	Employment		Pay Roll	
	Percentage change from		Percentage change from	
	Feb. 1947	Mar. 1946	Feb. 1947	Mar. 1946
Wholesale trade:	- 0.2	+ 4.8	+ 0.6	+ 14.4
Food products	+ 1.3	+ 1.6	+ .7	+ 10.8
Groceries and food specialties	- .3	- 1.1	- .6	+ 6.0
Dry goods and apparel	- .6	+ 2.7	- 1.0	+ 11.8
Machinery, equipment and supplies	+ .5	+ 7.8	+ 2.9	+ 17.6
Farm products	- 15.9	+ 17.2	- 10.6	+ 24.9
Petroleum and petroleum products (incl. bulk tank stations)	+ .6	+ 10.2	+ .2	+ 16.6
Automotive	- .1	+ 10.3	+ .5	+ 15.5
Security brokerage	- .4	- 7.0	- 1.0	- 12.7
Insurance	+ .3	+ 8.7	- .4	+ 8.0

Table 5. - Indexes of Employment and Pay Rolls in Selected Nonmanufacturing Industries ^{1/} (1939 Average = 100)

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
Mining:								
Anthracite	81.8	82.9	83.4	81.7	206.2	184.7	202.0	178.5
Bituminous coal	89.7	90.4	90.8	93.9	245.6	248.7	265.4	230.9
Metal:								
Iron	135.5	131.5	131.4	79.3	246.7	240.3	229.4	111.5
Copper	101.6	101.5	100.4	74.9	196.8	198.0	193.6	120.6
Lead and zinc	106.1	106.9	106.4	93.3	222.2	226.2	221.7	181.1
Gold and silver	32.2	31.7	31.3	29.1	50.7	51.0	48.3	39.8
Miscellaneous	56.9	55.2	54.7	57.3	92.0	85.3	85.5	87.8
Quarrying and nonmetallic	98.7	97.1	96.9	88.8	213.7	205.6	204.8	172.6
Crude petroleum production ^{2/}	92.0	91.7	92.1	90.8	154.5	152.9	153.8	144.4
Public utilities:								
Telephone	188.1	186.9	185.2	158.6	270.4	269.4	267.5	237.0
Telegraph	100.7	101.8	104.6	123.2	182.3	185.4	189.1	177.1
Electric light and power	104.0	103.2	102.5	96.4	160.8	163.7	159.5	140.4
Street railways and busses	131.0	131.1	130.9	126.1	217.8	218.7	216.1	187.2
Wholesale trade	111.7	111.9	112.2	106.6	191.6	190.4	189.7	167.5
Retail trade:								
Food	112.8	111.2	108.5	106.9	190.1	187.4	187.2	160.9
General merchandise	122.5	119.4	125.6	118.6	199.9	197.1	189.4	163.9
Apparel	113.6	108.2	110.0	109.7	205.6	201.0	208.4	173.3
Furniture and housefurnishings	84.4	84.3	84.3	74.2	195.0	184.3	188.2	170.2
Automotive	97.8	98.2	98.3	88.2	146.6	143.8	144.1	115.1
Lumber and building materials	97.8	98.2	98.3	88.2	171.7	172.7	170.4	142.6
Hotels (year-round) ^{3/}	115.4	113.9	113.4	104.7	200.2	196.8	193.4	165.5
Power laundries	117.3	117.7	117.3	119.3	216.8	216.6	215.1	201.1
Cleaning and dyeing	108.7	109.5	111.0	109.6	196.9	196.1	201.8	181.3
Class I steam railroads ^{4/}	118.8	117.0	118.2	124.3	214.7	204.7	213.8	213.4
	134.3	134.1	134.9	138.5	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>

^{1/} These figures are based on reports from cooperating establishments covering both full- and part-time employees who worked or received pay during any part of one pay period ending nearest the 15th of March 1947, as follows:

- Mining: 2,700 establishments - 354,000 production workers.
- Public utilities: 6,800 establishments - 620,000 employees.
- Wholesale trade: 11,400 establishments - 326,000 employees.
- Retail trade: 39,900 establishments - 1,026,000 employees.
- Hotels (year-round): 1,300 establishments - 137,000 employees.
- Power laundries and cleaning and dyeing: 1,800 establishments - 74,000 production workers.

Data for the current and immediately preceding months are subject to revision.

- ^{2/} Does not include well drilling or rig building.
- ^{3/} Cash payments only; additional value of board, room, and tips, not included.
- ^{4/} Source: Interstate Commerce Commission.
- ^{5/} Not available.

Table 6. - Estimated Number of Employees ^{1/} in Nonagricultural Establishments by Industry Division

(In thousands)

Industry Division	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
Total	42,066	41,858	41,803	39,184
Manufacturing	15,512	15,483	15,372	13,433
Mining	878	880	883	857
Contract construction	1,555	1,502	1,527	1,203
Transportation and public utilities	4,022	4,012	4,014	3,983
Trade	8,564	8,507	8,552	8,197
Service ^{2/}	4,565	4,561	4,527	1,508
Finance ^{2/}	1,555	1,546	1,544	4,332
Federal, State, and local government, including Federal force-account construction	5,415	5,367	5,384	5,671

^{1/} Estimates include all full- and part-time wage and salary workers in nonagricultural establishments who worked or received pay 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. These estimates have been adjusted to levels indicated by final 1945 data made available by the Bureau of Employment Security of the Federal Security Agency and supersede data shown in mimeographed releases dated prior to April 1947 and Monthly Labor Reviews dated prior to May 1947. Data from January 1939 forward were affected by this revision. The complete series from 1939 are available upon request.

^{2/} Finance and Service were formerly combined and published as "Finance, service, and miscellaneous." Comparable data from 1939 are available.

Table 7. - Estimated Number of Employees ^{1/} in Manufacturing Industries by Major Industry Group

Industry Group	All Employees ^{2/} (In thousands)			
	Mar. 1947	Feb. 1947	Jan. 1947	Mar. 1946
All manufacturing	15,512	15,483	15,372	13,433
Durable goods	7,897	7,860	7,781	6,324
Nondurable goods	7,615	7,623	7,591	7,109
Iron and steel and their products	1,839	1,832	1,823	1,560
Electrical machinery	775	777	773	515
Machinery, except electrical	1,522	1,512	1,504	1,211
Transportation equipment, except automobiles	599	601	603	617
Automobiles	972	965	924	589
Nonferrous metals and their products	498	499	494	387
Lumber and timber basic products	675	660	654	553
Furniture and finished lumber products	522	523	514	450
Stone, clay, and glass products	495	491	492	442
Textile-mill products and other fiber manufactures	1,355	1,362	1,354	1,272
Apparel and other finished textile products	1,277	1,275	1,244	1,131
Leather and leather products	404	405	403	396
Food	1,486	1,489	1,513	1,454
Tobacco manufactures	100	103	104	94
Paper and allied products	467	467	465	431
Printing, publishing, and allied industries	688	687	683	637
Chemicals and allied products	750	747	741	700
Products of petroleum and coal	222	222	222	212
Rubber products	294	295	294	265
Miscellaneous industries	574	571	568	517

^{1/} Estimates include all full- and part-time wage and salary workers in manufacturing industries who worked or received pay during the pay period ending nearest the 15th of the month. These estimates have been adjusted to levels indicated by final 1945 data made available by the Bureau of Employment Security of the Federal Security Agency and supersede data shown in mimeographed releases dated prior to April 1947.

^{2/} Includes production and non-production workers.

18. Table 8. - Estimated Number of Employees in Nonagricultural Establishments, by State
(In thousands)

Region and State	All industry divisions			Manufacturing 1/		
	Feb. 1947	Jan. 1947	Feb. 1946	Feb. 1947	Jan. 1947	Feb. 1946
New England	2,914	2,917	2,747	1,585	1,577	1,371
Maine 2/	227	227	228	114	113	112
New Hampshire 2/	144	143	135	83.5	82.4	75.8
Vermont 2/	88.1	88.9	84.0	43.2	43.3	39.8
Massachusetts 3/	1,474	1,479	1,448	765	762	679
Rhode Island 3/*	267	267	251	154	154	139
Connecticut 3/	714	712	601	425	422	325
Middle Atlantic	8,860	8,898	8,152	4,095	4,087	3,389
New York 3/	4,439	4,449	4,207	1,916	1,900	1,702
New Jersey 3/	1,347	1,354	1,240	768	770	665
Pennsylvania 3/	3,074	3,095	2,705	1,411	1,417	1,022
East North Central	8,504	8,483	7,578	4,405	4,371	3,488
Ohio 4/	2,317	2,306	2,029	1,220	1,211	954
Indiana 3/	968	963	856	552	546	391
Illinois 3/	2,791	2,794	2,592	1,196	1,190	1,018
Michigan 3/*	1,657	1,648	1,377	1,038	1,028	764
Wisconsin 3/	771	772	724	399	396	361
West North Central	2,743	2,757	2,643	837	832	760
Minnesota 3/	639	647	614	199	198	181
Iowa 5/*	454	458	434	149	148	132
Missouri 6/	905	902	871	350	345	311
North Dakota 5/*	79.1	79.8	74.4	6.3	6.4	5.4
South Dakota 5/*	88.6	88.5	83.7	11.6	11.5	10.9
Nebraska 5/*	241	243	238	42.8	44.1	43.4
Kansas 3/*	336	339	328	78.1	78.8	76.3
South Atlantic	4,360	4,374	4,224	1,550	1,554	1,426
Delaware 3/	90.4	91.2	84.9	44.6	45.3	41.0
Maryland 3/	598	600	569	237	238	211
District of Columbia 7/	448	448	451	16.9	16.9	16.3
Virginia 3/	637	639	620	210	211	193
West Virginia 4/*	415	417	392	132	132	111
North Carolina 3/	736	733	697	375	373	352
South Carolina 3/	359	357	353	190	189	175
Georgia 8/	609	610	584	256	258	244
Florida 3/	468	479	473	88.1	90.6	83.0
East South Central	1,722	1,720	1,601	700	697	596
Kentucky 4/*	424	423	413	130	129	113
Tennessee 8/	546	548	502	251	250	221
Alabama 8/	508	507	458	225	225	180
Mississippi 8/	244	242	228	93.5	92.7	81.8
West South Central	2,316	2,324	2,302	580	580	542
Arkansas 3/	229	227	228	67.6	67.4	64.4
Louisiana 3/	437	439	432	132	133	129
Oklahoma 6/	339	339	333	54.6	54.6	54.8
Texas 3/	1,311	1,319	1,309	326	325	294

Table 8. - Estimated Number of Employees in Nonagricultural Establishments, by State Cont'd
(In thousands)

Region and State	All industry divisions			Manufacturing 1/		
	Feb. 1947	Jan. 1947	Feb. 1946	Feb. 1947	Jan. 1947	Feb. 1946
Mountain						
Montana 3/	901	910	870	142	146	116
Idaho 2/	114	114	108	16.4	16.6	12.9
Wyoming 2/	94.8	95.7	95.8	17.8	17.9	15.4
Colorado 2/	59.0	58.7	62.3	5.8	5.8	5.2
New Mexico 2/	270	275	252	53.5	50.0	43.3
Arizona 3/	62.3	63.1	61.1	9.9	10.0	8.7
Utah 3/	107	107	101	13.6	13.7	10.8
Nevada 3/	134	136	127	21.7	22.1	17.3
	40.2	40.0	42.4	3.5	3.5	2.8
Pacific						
Washington 3/	3,164	3,183	3,009	972	975	872
Oregon 10/ *	504	510	512	163	162	163
California 3/	300	302	291	115	116	106
	2,360	2,371	2,206	694	697	603

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. Dept. of Labor or cooperating state agency.

2/ Address: Regional Director, U. S. Dept. of Labor, Boston 8, Massachusetts.

3/ Data secured in cooperation with:

- Massachusetts - Dept. of Labor and Industries, State House, Boston 33.
- Rhode Island - Dept. of Labor, Division of Census and Statistics, Providence 2.
- Connecticut - Employment Security Division, Hartford 15.
- New Jersey - Dept. of Labor, Trenton 8.
- New York - Division of Research, Statistics and Publications, New York State Dept. of Labor, Albany 1.
- Pennsylvania - Federal Reserve Bank of Philadelphia, 925 Chestnut Street, Philadelphia 1.
- Indiana - Employment Security Division, Indianapolis 12.
- Illinois - Dept. of Labor, Division of Statistics and Research, Chicago 6.
- Michigan - Dept. of Labor and Industry, Lansing 13.
- Wisconsin - Industrial Commission of Wisconsin, Madison 3.
- Minnesota - Division of Employment and Security, St. Paul 1.
- Kansas - Kansas State Labor Department, Topeka.
- Delaware - Federal Reserve Bank of Philadelphia, 925 Chestnut Street, Philadelphia 1, Pa.
- Maryland - Dept. of Labor and Industry, Baltimore 2.
- Virginia - Division of Research and Statistics, State Dept. of Labor and Industry, Richmond 21.
- North Carolina - North Carolina Dept. of Labor, Raleigh.
- Florida - Florida Industrial Commission, Tallahassee.
- Arkansas - Dept. of Labor, Little Rock.
- Louisiana - Bureau of Business Research, College of Commerce, Louisiana State University, Baton Rouge 3.
- Texas - Bureau of Business Research, University of Texas, Austin 12.
- Montana - Unemployment Compensation Commission of Montana, Helena.
- Arizona - Employment Security Commission, P. O. Box 111, Phoenix.
- Utah - Dept. of Employment Security, Salt Lake City 13.
- Nevada - Employment Security Department, Carson City.
- Washington - Office of Unemployment Compensation and Placement, P. O. Box 367, Olympia.
- California - Division of Labor Statistics and Research, San Francisco 2.

4/ Address: Regional Director, U. S. Dept. of Labor, Cleveland 14, Ohio.

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

6/ Address: Regional Director, U. S. Dept. of Labor, Dallas 1, Texas.

7/ Address: U. S. Dept. of Labor, Washington 25, D. C.

8/ Address: Regional Director, U. S. Dept. of Labor, Atlanta 3, Georgia.

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

10/ Address: Regional Director, U. S. Dept. of Labor, San Francisco 3, California.

Table 9.--Employment and Pay Rolls for Regular Federal Services and Government Corporations, March 1947

(In thousands)

Branch	Employment 1/			Pay rolls 2/		
	March 1947 3/	February 1947 4/	March 1946	March 1947 3/	February 1947 2/	March 1946 3/
Total	2,247.3	2,256.8	2,893.5	498,894	505,280	520,936
Executive 5/.....	2,205.1	2,214.6	2,855.2	489,503	496,017	512,706
Washington, D. C., metropolitan area 6/.....	219.4	220.2	235.6	57,920	58,531	50,977
War agencies 7/.....	75.3	75.3	91.3	19,938	20,223	19,058
Other agencies	144.1	144.9	144.3	37,982	36,303	31,919
Other areas	1,985.7	1,994.4	2,619.6	431,583	437,486	461,729
War agencies 7/.....	1,015.9	1,028.8	1,714.5	200,400	206,803	265,632
Continental United States	769.5	779.5	1,252.3	172,244	177,430	250,006
Outside continental United States 8/.....	246.4	249.3	462.2	28,162	29,373	35,626
Other agencies	969.8	965.6	905.1	231,177	230,683	176,097
Continental United States	941.8	937.5	882.2	224,618	224,324	171,329
Outside continental United States 8/.....	28.0	28.1	22.9	6,559	6,359	4,768
Legislative	7.0	7.1	6.5	2,397	2,308	1,788
Judicial	3.1	3.1	3.2	1,185	1,090	930
Government corporations 9/.....	32.1	32.0	33.7	5,809	5,865	5,512

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

2/ Pay rolls for February and March 1947 cover the entire calendar month; pay rolls for March 1946 cover all pay periods ending within the month, or four weeks for most employees.

3/ Subject to revision.

4/ Revised.

5/ 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 include clerks at third-class post offices, who previously were working on a contract basis. Substitute rural mail carriers are excluded from the employment.

6/ Includes areas in Maryland and Virginia which are within the metropolitan area, as defined by the Bureau of Census.

7/ Covers War and Navy Departments, Maritime Commission, National Advisory Committee for Aeronautics, The Panama Canal, and the war emergency and reconversion 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. Data for other Government corporations are included under the executive branch.

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 "Trends of employment, and Labor Turnover". Mimeographed tables showing Federal employment monthly from 1939 to date and Federal pay rolls monthly from 1943 to date are available upon request.

Table 10.—Personnel and Pay of the Military Branch of the Federal Government in Selected Months

(In thousands)

Branch, sex, or type of pay	March 1947	February 1947	January 1947	March 1946	March 1942
Personnel, total <u>1/</u>	1,834	1,906	1,987	4,966	2,758
Army.....	1,199	1,254	1,319	2,786	2,144
Navy <u>2/</u>	635	652	668	2,180	614
Men.....	1,809	1,881	1,961	4,849	2,749
Women.....	25	25	26	117	9
Pay, total.....	\$655,525	\$657,601	\$694,873	\$986,347	\$201,508
Army.....	460,561	431,399	423,994	600,303	137,733
Navy <u>2/</u>	194,964	226,202	270,879	386,044	63,775
Pay rolls <u>3/</u>	287,905	303,468	319,499	598,296	201,508
Mustering-out pay <u>4/</u>	18,956	18,311	27,736	303,148	-
Family allowances <u>5/</u>	26,467	28,424	29,298	84,903	-
Leave payments <u>6/</u>	322,197	307,398	318,340	-	-
Cash.....	22,911	21,638	22,958	-	-
Bonds.....	299,286	285,760	295,382	-	-

- 1/ Personnel is as of the first of the calendar month and includes those on terminal leave, the missing, and those in the hands of the enemy.
- 2/ Data for the Navy cover the Navy, Marine Corps, and Coast Guard.
- 3/ Pay rolls are computed from personnel records. The personnel used in the computations is the count as of the last day of the month for the Army and the average for the month for the Navy. Pay rolls for the Navy (proper) include quarterly clothing allowances in January 1947 in the amount of \$5,127,175.
- 4/ Although payments may extend over a period of three months, data for the Navy (proper) include the total amount in the month of discharge.
- 5/ Represents Government's contribution. The men's share is included in the pay roll.
- 6/ Leave payments were authorized by Public Law 704 of the 79th Congress to former enlisted personnel for accrued and unused leave and to present officers and enlisted personnel for leave accrued in excess of 60 days. Payment of present personnel while on terminal leave is included in the pay roll. Value of the bonds represents the face value; interest will be paid in addition to the face value at the time the bonds are cashed.

Table 11.--Total Employment in United States Navy Yards and Private Shipyards Within Continental United States by Shipbuilding Region, March 1947 ^{1/}

Shipbuilding region	Employment (in thousands)		
	March 1947	February 1947	March 1946
All regions	239.2	239.8	440.9
U. S. navy yards ^{2/}	86.6	87.2	188.6
Private shipyards	152.6	152.6	252.3
North Atlantic	104.2	105.6	203.6
South Atlantic	30.7	30.5	50.4
Gulf	31.0	29.0	36.1
Pacific	64.3	65.6	138.7
Great Lakes	6.3	6.3	7.1
Inland	2.7	2.8	5.0

^{1/} Preliminary

^{2/} Includes all navy yards constructing or repairing ships, including the Curtis Bay, Maryland, Coast Guard yard.

Table 12.—Estimated Employment and Pay Rolls on Construction in Continental United States,
March 1946, February 1947, March 1947

Type of project	Employment (in thousands)			Pay rolls (in thousands)		
	March 1947 <u>1/</u>	February 1947 <u>2/</u>	March 1946 <u>2/</u>	March 1947 <u>1/</u>	February 1947 <u>2/</u>	March 1946 <u>2/</u>
New construction, total <u>3/</u>	1,583.9	1,558.5	1,464.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
At the construction site	1,386.1	1,358.7	1,274.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Federal projects <u>5/</u>	<u>6/</u> 137.0	<u>6/</u> 142.1	<u>6/</u> 84.9	<u>7/</u> \$26,212	<u>7/</u> \$28,463	<u>7/</u> \$15,677
Airports	.4	.5	2.2	89	106	380
Buildings	55.5	65.5	42.2	10,918	13,497	6,386
Residential	42.4	52.9	13.0	8,699	11,366	2,239
Nonresidential <u>8/</u>	<u>6/</u> 13.1	<u>6/</u> 12.6	<u>6/</u> 29.2	<u>7/</u> 2,219	<u>7/</u> 2,131	<u>7/</u> 5,472
Electrification	7.1	6.8	2.6	969	1,015	388
Reclamation	12.7	11.9	6.4	2,799	2,925	1,245
River, harbor, and flood control	20.5	21.4	15.9	4,186	4,418	3,037
Streets and highways	35.9	30.6	11.7	6,395	5,448	2,174
Water and sewer systems	.9	1.0	1.3	173	185	253
Miscellaneous	4.0	4.4	2.6	683	868	489
Non-Federal projects	1,249.1	1,216.6	1,189.8	<u>4/</u>	<u>4/</u>	<u>4/</u>
Buildings	869.6	905.5	912.3	227,835	199,210	210,741
Residential	422.9	417.9	396.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Nonresidential	446.7	487.6	515.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Farm dwellings and service buildings	96.3	68.5	76.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
Public utilities	161.3	140.3	116.9	<u>4/</u>	<u>4/</u>	<u>4/</u>
Streets and highways	42.9	39.7	27.8	<u>4/</u>	<u>4/</u>	<u>4/</u>
State	16.0	14.3	8.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
County and municipal	26.9	25.4	19.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
Miscellaneous	79.0	62.6	56.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Other <u>9/</u>	197.8	199.8	190.0	<u>4/</u>	<u>4/</u>	<u>4/</u>
Maintenance of State roads <u>10/</u>	106.0	103.3	94.1	<u>4/</u>	<u>4/</u>	<u>4/</u>

1/ Preliminary.

2/ Revised.

3/ 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.

4/ Data not available.

5/ Includes the following force-account employees, hired directly by the Federal Government, and their pay rolls: March 1946, 16,593, \$3,024,907; February 1947, 20,777, \$4,148,447; March 1947, 20,480, \$3,920,465. These employees are also included under the Federal executive service (table 9); all other workers were employed by contractors and subcontractors.

6/ 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: March 1946, 2,600; February 1947, 1,500; March 1947, 1,500.

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

8/ 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.

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

10/ Data for other types of maintenance not available.