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EMPLOYMENT AND PAY ROLLS

Detailed Report

August 1946

DOCUMENTS DIVISION

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

Industry Group or Industry	Aug. 1946	July 1946	June 1946	Aug. 1945
ALL MANUFACTURING	11,861	11,552	11,412	12,179
DURABLE GOODS	5,997	5,828	5,713	6,779
NONDURABLE GOODS	5,884	5,724	5,699	5,400
<u>Durable Goods</u>				
IRON AND STEEL AND THEIR PRODUCTS	1,433	1,390	1,351	1,490
Blast furnaces, steel works, and rolling mills	481.1	469.5	453.1	456.7
Gray-iron and semi-steel castings	81.6	80.7	78.2	68.7
Malleable-iron castings	24.2	23.7	23.7	22.0
Steel castings	50.2	50.2	50.8	58.0
Cast-iron pipe and fittings	17.1	18.3	16.2	14.7
Tin cans and other tinware	44.4	43.4	41.9	40.5
Wire drawn from purchased rods <u>2/</u>	29.1	28.7	28.6	29.5
Wirework	39.5	36.5	34.3	29.8
Cutlery and edge tools	25.7	25.4	25.5	22.1
Tools (except edge tools, machine tools, files, and saws) <u>2/</u>	25.6	24.3	25.3	24.5
Hardware	45.9	44.8	45.1	41.3
Plumbers' supplies	27.1	25.8	25.6	21.0
Stoves, oil burners, and heating equipment not elsewhere classified	56.8	54.0	51.9	55.6
Steam and hot-water heating apparatus and steam fittings <u>2/</u>	48.0	47.7	46.2	44.3
Stamped and enameled ware and galvanizing	79.0	75.4	73.0	75.9
Fabricated structural and ornamental metalwork	55.5	53.2	50.9	50.1
Metal doors, sash, frames, molding and trim	11.0	9.8	8.6	7.7
Bolts, nuts, washers, and rivets	18.7	17.6	17.4	21.7
Forgings, iron and steel	26.3	25.3	25.9	30.0
Wrought pipe, welded and heavy riveted	12.3	10.9	10.7	21.9
Screw-machine products and wood screws	27.8	26.8	27.2	34.9
Steel barrels, kegs, and drums	6.2	5.6	5.5	8.1
Firearms	14.0	13.3	12.6	16.5
ELECTRICAL MACHINERY	520	504	501	640
Electrical equipment	286.7	278.7	276.9	375.8
Radios and phonographs	82.3	76.8	76.8	98.8
Communication equipment	86.0	86.0	85.7	93.0

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

Industry Group or Industry	Aug. 1946	July 1946	June 1946	Aug. 1945
MACHINERY, EXCEPT ELECTRICAL	1,051	1,027	1,011	1,076
Machinery and machine-shop products	356.6	351.5	347.6	398.9
Engines and turbines	45.1	43.6	40.8	57.6
Tractors	52.8	52.4	49.3	51.4
Agricultural machinery, excluding tractors	40.7	40.8	40.6	39.5
Machine tools	61.3	59.2	59.3	66.6
Machine-tool accessories	50.2	48.7	48.4	57.8
Textile machinery	32.7	31.7	32.1	24.5
Pumps and pumping equipment	56.9	54.6	54.7	62.5
Typewriters	19.4	18.2	18.4	12.8
Cash registers, adding and calculating machines	33.2	33.5	33.0	26.9
Washing machines, wringers and driers, domestic	11.5	10.3	10.7	10.9
Sewing machines, domestic and industrial	9.7	9.8	9.5	9.6
Refrigerators and refrigeration equipment	60.6	59.2	57.4	43.8
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	453	461	462	1,468
Locomotives	26.8	26.2	26.5	30.5
Cars, electric- and steam- railroad	46.8	45.8	42.8	55.4
Aircraft and parts, excluding aircraft engines	134.6	129.0	125.5	430.2
Aircraft engines	27.7	26.5	26.0	154.1
Shipbuilding and boatbuilding	158.8	175.1	183.2	647.2
Motorcycles, bicycles, and parts	10.7	10.5	10.3	8.4
AUTOMOBILES	731	699	668	556
NONFERROUS METALS AND THEIR PRODUCTS	392	378	365	378
Smelting and refining, primary, of nonferrous metals	36.9	35.5	29.7	38.0
Alloying and rolling and drawing of nonferrous metals except aluminum	61.5	59.8	57.2	61.7
Clocks and watches	27.5	26.1	26.7	22.8
Jewelry (precious metals) and jewelers' findings	17.4	16.6	17.1	13.0
Silverware and plated ware	14.2	13.7	13.9	10.5
Lighting equipment	29.9	29.1	28.1	21.6
Aluminum manufactures	49.1	48.3	47.6	59.0
Sheet-metal work, not elsewhere classified	26.4	24.9	24.8	30.8

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

Industry Group or Industry	Aug. 1946	July 1946	June 1946	Aug. 1945
LUMBER AND TIMBER BASIC PRODUCTS	625	603	594	524
Sawmills and logging camps	235.3	229.0	226.6	215.1
Planing and plywood mills	73.4	70.7	70.2	65.9
FURNITURE AND FINISHED LUMBER PRODUCTS	388	376	374	330
Mattresses and bedsprings	21.9	20.7	20.2	17.1
Furniture	165.3	160.9	160.2	141.1
Wooden boxes, other than cigar	25.3	24.7	24.6	24.8
Caskets and other morticians' goods	13.1	13.1	13.4	11.6
Wood preserving	12.5	12.2	11.7	10.0
Wood, turned and shaped	22.7	22.0	22.8	21.1
STONE, CLAY, AND GLASS PRODUCTS	404	390	387	317
Glass and glassware	103.7	100.1	101.3	87.0
Glass products made from purchased glass	12.0	11.5	11.9	10.0
Cement	29.1	28.2	27.3	18.2
Brick, tile, and terra cotta	63.4	62.4	58.8	41.6
Pottery and related products	47.2	45.6	45.4	37.7
Gypsum	5.8	5.5	5.1	4.1
Wallboard, plaster (except gypsum), and mineral wool	10.9	8.8	10.5	9.1
Lime	8.9	8.8	8.7	7.5
Marble, granite, slate, and other products	17.3	16.9	16.6	13.1
Abrasives	19.0	18.8	18.6	19.8
Asbestos products	20.0	19.1	19.2	18.8
Nondurable Goods				
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	1,197	1,183	1,199	1,049
Cotton manufactures, except small wares	452.3	445.0	447.7	407.3
Cotton small wares	14.1	13.7	14.1	13.0
Silk and rayon goods	92.6	90.9	91.8	85.0
Woolen and worsted manufactures, except dyeing and finishing	155.8	155.0	160.1	134.3
Hosiery	114.1	113.3	114.3	95.5
Knitted cloth	11.2	11.1	11.2	9.7
Knitted outerwear and knitted gloves	29.7	30.0	31.3	25.9
Knitted underwear	35.2	34.9	35.3	32.7
Dyeing and finishing textiles, including woolen and worsted	63.8	63.0	63.7	55.8
Carpets and rugs, wool	24.2	23.7	24.0	18.8
Hats, fur-felt	9.0	10.7	11.0	9.0
Jute goods, except felts	3.7	3.8	3.9	3.2
Cordage and twine	14.9	14.4	15.3	14.3

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

Industry Group or Industry	Aug. 1946	July 1946	June 1946	Aug. 1945
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,049	999	1,031	897
Men's clothing, not elsewhere classified	197.1	191.6	195.4	185.9
Shirts, collars, and nightwear	54.5	53.8	53.9	47.5
Underwear and neckwear, men's	11.9	11.3	11.8	11.3
Work shirts	13.3	13.3	13.7	14.0
Women's clothing, not elsewhere classified	211.5	195.7	212.6	190.4
Corsets and allied garments	15.9	15.6	16.2	13.4
Millinery	18.7	17.1	16.5	17.5
Handkerchiefs	2.3	2.2	2.3	2.5
Curtains, draperies, and bedspreads	13.2	13.5	13.4	10.2
House furnishing, other than curtains, etc.	10.9	10.6	10.5	10.6
Textile bags	13.6	14.6	13.7	14.4
LEATHER AND LEATHER PRODUCTS	354	355	358	313
Leather	41.8	41.6	43.0	38.2
Boot and shoe cut stock and findings	18.2	17.8	18.1	16.3
Boots and shoes	191.4	193.3	194.2	169.1
Leather gloves and mittens	11.1	11.3	11.5	11.3
Trunks and suitcases	14.7	14.3	14.0	13.1
FOOD	1,166	1,102	1,017	1,102
Slaughtering and meat packing	138.4	123.4	128.3	124.3
Butter	26.1	26.4	26.1	24.6
Condensed and evaporated milk	15.0	15.7	15.7	15.8
Ice cream	20.2	20.9	19.8	17.3
Flour	29.5	28.3	26.9	30.6
Feeds, prepared	22.4	21.7	20.8	22.2
Cereal preparations	10.1	9.5	9.9	9.5
Baking	236.9	234.0	234.2	248.9
Sugar refining, cane	14.0	14.2	14.2	13.0
Sugar, beet	6.8	4.5	4.7	5.0
Confectionery	48.7	46.1	47.2	50.2
Beverages, nonalcoholic	25.6	25.7	24.9	26.2
Malt liquors	52.4	52.0	50.9	53.8
Canning and preserving	206.5	183.9	111.4	179.5
TOBACCO MANUFACTURES	86	85	86	79
Cigarettes	33.3	33.6	33.6	33.7
Cigars	38.8	37.6	39.2	31.4
Tobacco (chewing and smoking) and snuff	7.7	7.6	7.3	8.4

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

Industry Group or Industry	Aug. 1946	July 1946	June 1946	Aug. 1945
PAPER AND ALLIED PRODUCTS	366	361	364	311
Paper and pulp	167.8	166.2	167.6	143.1
Paper goods, other	46.2	45.5	46.4	42.1
Envelopes	10.3	10.2	10.5	9.2
Paper bags	13.8	14.1	14.3	11.4
Paper boxes	87.2	85.6	86.6	75.8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	385	383	379	322
Newspapers and periodicals	131.1	130.1	129.9	109.9
Printing, book and job	158.7	159.5	156.4	133.2
Lithographing	29.1	28.8	28.7	24.1
Bookbinding	32.1	31.2	31.4	27.0
CHEMICALS AND ALLIED PRODUCTS	475	472	476	600
Paints, varnishes, and colors	35.9	35.6	35.3	29.0
Drugs, medicines, and insecticides	51.8	51.4	51.4	49.6
Perfumes and cosmetics	12.4	12.6	12.1	12.6
Soap	14.1	14.0	14.1	13.0
Rayon and allied products	57.3	57.0	58.4	53.1
Chemicals, not elsewhere classified	117.2	117.2	117.5	112.2
Explosives and safety fuses	12.6	12.3	12.2	80.2
Compressed and liquefied gases	5.9	5.8	5.8	5.9
Ammunition, small-arms	4.9	7.6	7.6	37.9
Fireworks	2.9	2.8	3.3	14.3
Cottonseed oil	10.9	8.4	9.0	11.5
Fertilizers	20.9	19.3	20.1	19.9
PRODUCTS OF PETROLEUM AND COAL	152	151	149	135
Petroleum refining	100.1	100.1	99.1	92.9
Coke and by-products	25.9	25.6	24.7	21.9
Paving materials	2.3	2.1	2.1	1.7
Roofing materials	12.2	12.0	11.8	9.5
RUBBER PRODUCTS	227	218	225	191
Rubber tires and inner tubes	102.8	99.1	106.0	86.3
Rubber boots and shoes	18.0	17.5	18.1	16.4
Rubber goods, other	72.2	69.3	68.5	64.4
MISCELLANEOUS INDUSTRIES	427	415	415	401
Instruments (professional and scientific), and fire control equipment	22.1	22.1	21.7	49.7
Photographic apparatus	25.6	25.2	24.5	26.7
Optical instruments and ophthalmic goods	21.2	21.1	21.3	21.2
Pianos, organs, and parts	9.4	9.1	9.0	7.4
Games, toys, and dolls	22.8	20.8	20.9	13.9
Buttons	10.6	10.1	10.3	8.9
Fire extinguishers	2.1	2.0	2.0	4.1

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

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. 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 data for earlier months:

Wire drawn from purchased rods - March, April, and May 1946 to 25.4, 28.3, and 27.1.

Tools (except edge tools, machine tools, files, and saws) - March, April, and May 1946 to 22.5, 23.4, and 24.9.

Steam and hot-water heating apparatus and steam fittings - May 1946 to 45.4.

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			
	Aug. 1946	July 1946	June 1946	Aug. 1945	Aug. 1946	July 1946	June 1946	Aug. 1945
ALL MANUFACTURING	145.0	141.0	139.3	148.7	277.8	261.0	257.1	267.3
DURABLE GOODS	166.1	161.4	158.2	187.7	306.0	287.0	280.7	335.4
NONDURABLE GOODS	128.4	125.0	124.4	117.9	250.3	235.6	234.0	200.6
<u>Durable Goods</u>								
IRON AND STEEL AND THEIR PRODUCTS	144.5	140.2	136.2	150.3	255.2	238.1	231.3	255.8
Blast furnaces, steel works, and rolling mills	123.8	120.9	116.6	117.6	203.1	191.8	182.0	199.2
Gray-iron and semi-steel castings	139.6	138.1	133.9	117.5	280.5	264.0	264.2	216.9
Malleable-iron castings	134.2	131.6	131.4	121.9	285.4	271.3	260.9	208.2
Steel castings	166.9	167.0	169.0	192.7	294.8	277.1	292.3	311.4
Cast-iron pipe and fittings	103.3	110.8	97.8	89.1	212.6	221.7	194.2	160.2
Tin cans and other tinware	139.9	156.6	132.0	127.4	270.1	248.7	234.7	209.0
Wire drawn from purchased rods <u>2/</u>	132.3	130.5	130.1	134.4	219.2	206.3	209.1	208.4
Wirework	130.0	120.2	112.7	98.0	257.3	237.2	210.7	176.1
Cutlery and edge tools	166.5	164.8	165.5	143.5	354.9	340.4	351.8	266.0
Tools (except edge tools, machine tools, files, and saws) <u>2/</u>	167.2	158.6	165.0	160.3	326.2	303.6	316.9	282.0
Hardware	126.7	125.7	126.6	116.0	254.3	244.9	244.0	209.2
Plumbers' supplies	110.0	104.8	104.1	85.1	191.0	175.4	175.5	136.8
Stoves, oil burners, and heating equipment not elsewhere classified	123.0	117.0	112.6	120.5	234.3	210.7	206.3	195.9
Steam and hot-water heating apparatus and steam fittings <u>2/</u>	158.2	157.3	152.4	146.2	289.6	279.7	271.2	253.6
Stamped and enameled ware and galvanizing	142.2	135.8	131.4	136.7	279.9	253.5	252.1	242.9
Fabricated structural and ornamental metalwork	156.1	149.8	143.4	141.1	271.7	250.8	241.0	239.7
Metal doors, sash, frames, molding, and trim	142.0	126.7	110.7	99.8	250.1	220.5	187.6	169.6
Bolts, nuts, washers, and rivets	130.6	122.9	121.9	151.5	227.7	190.5	202.3	287.9
Forgings, iron and steel	170.9	164.8	168.6	195.4	304.0	265.0	284.9	309.8
Wrought pipe, welded and heavy riveted	146.7	130.5	127.6	261.4	243.6	195.0	207.5	544.8
Screw-machine products and wood screws	164.1	158.5	160.5	206.1	324.9	300.5	305.1	368.8
Steel barrels, kegs, and drums	102.6	92.5	90.4	133.0	212.2	174.6	177.3	244.0
Firearms <u>2/</u>	281.0	266.9	252.7	330.9	530.8	515.9	494.3	653.5
ELECTRICAL MACHINERY	200.7	194.4	193.3	246.8	360.0	333.7	333.9	399.2
Electrical equipment	158.6	154.2	153.2	207.9	278.7	258.4	257.5	330.2
Radios and phonographs	189.2	176.4	176.6	227.1	370.4	334.0	329.0	389.3
Communication equipment	267.9	267.7	266.9	289.7	481.6	461.3	476.0	473.8

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Aug. 1946	July 1946	June 1946	Aug. 1945	Aug. 1946	July 1946	June 1946	Aug. 1945
MACHINERY, EXCEPT ELECTRICAL	199.0	194.4	191.3	203.7	348.8	333.5	329.5	338.4
Machinery and machine-shop products	176.2	173.7	171.8	197.1	314.2	299.4	296.4	323.6
Engines and turbines	241.5	233.8	218.5	308.5	455.3	448.3	415.5	510.8
Tractors	168.7	167.5	157.6	164.5	256.5	248.4	236.4	248.2
Agricultural machinery, excluding tractors	146.4	146.8	146.1	142.1	256.7	251.2	248.1	259.4
Machine tools	167.5	161.5	161.9	181.8	281.4	262.3	270.4	303.9
Machine-tool accessories	199.3	193.5	192.3	229.6	316.3	293.2	301.4	339.6
Textile machinery	149.2	144.7	146.5	111.7	277.9	265.3	265.5	191.3
Pumps and pumping equipment	234.6	225.2	225.5	257.9	438.4	413.2	416.1	512.3
Typewriters	119.5	112.2	113.7	78.7	228.2	216.5	212.7	136.4
Cash registers, adding and calculating machines	168.9	170.0	167.9	136.4	292.8	314.2	309.0	231.1
Washing machines, wringers and driers, domestic	153.8	137.8	144.0	146.6	269.5	234.6	238.7	242.9
Sewing machines, domestic and industrial	123.2	124.8	121.2	122.3	238.9	229.6	226.1	235.4
Refrigerators and refrige- ration equipment 2/	172.5	166.4	163.3	124.4	283.8	272.2	263.2	177.6
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	285.4	290.2	290.8	925.2	534.0	538.5	537.5	1742.2
Locomotives	414.0	405.1	409.1	471.6	835.4	836.0	840.2	856.3
Cars, electric- and steam- railroad	191.0	186.6	174.3	226.0	364.1	343.5	325.2	396.1
Aircraft and parts, excluding aircraft engines	339.3	325.2	316.3	1084.4	642.1	606.9	585.5	1854.8
Aircraft engines	311.7	298.3	292.3	1732.9	506.1	468.9	469.4	2775.9
Shipbuilding and boatbuilding	229.4	252.8	264.6	934.7	421.8	467.4	483.4	1919.9
Motorcycles, bicycles, and parts	154.1	149.9	147.1	120.2	276.6	247.6	250.2	216.6
AUTOMOBILES	181.8	173.6	166.1	138.3	308.0	282.2	250.5	183.5
NONFERROUS METALS AND THEIR PRODUCTS	171.0	165.0	159.0	165.1	311.4	292.9	287.8	292.2
Smelting and refining, primary, of nonferrous metals	133.5	128.4	107.5	137.5	240.4	229.1	190.8	258.6
Alloying and rolling and drawing of nonferrous metals except aluminum	158.5	153.9	147.3	159.0	280.1	269.1	268.6	289.3
Clocks and watches	135.5	128.5	131.6	112.2	279.4	251.4	259.1	212.5
Jewelry (precious metals) and jewelers' findings	120.6	115.3	118.7	90.2	220.0	200.7	218.9	147.0
Silverware and plated ware	117.2	112.6	114.3	86.8	232.7	213.7	221.9	151.4
Lighting equipment	146.1	142.1	137.0	105.6	252.4	239.2	233.3	142.7
Aluminum manufactures	208.3	205.3	202.4	250.4	348.7	337.4	335.9	411.9
Sheet-metal work, not else- where classified	140.6	132.6	132.1	164.2	272.1	245.0	249.5	284.4

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Aug. 1946	July 1946	June 1946	Aug. 1945	Aug. 1946	July 1946	June 1946	Aug. 1945
LUMBER AND TIMBER BASIC PRODUCTS	148.7	143.4	141.3	124.7	300.3	267.0	281.0	219.3
Sawmills and logging camps	81.7	79.5	78.7	74.7	165.7	148.8	158.1	133.8
Planing and plywood mills	101.0	97.3	96.7	90.7	196.2	174.0	183.3	147.3
FURNITURE AND FINISHED LUMBER PRODUCTS	118.1	114.5	114.1	100.5	239.3	222.1	223.5	171.5
Mattresses and bedsprings	119.2	112.7	110.0	93.3	223.4	205.9	199.3	153.4
Furniture	103.9	101.1	100.6	88.6	209.7	194.2	196.2	150.4
Wooden boxes, other than cigar	99.7	97.6	97.2	97.8	223.0	203.4	203.0	185.5
Caskets and other morticians' goods	105.1	105.2	107.3	93.5	185.2	182.4	193.0	136.2
Wood preserving	110.9	108.4	104.5	89.0	255.1	244.7	234.9	188.3
Wood, turned and shaped	103.4	99.9	103.6	95.8	210.9	199.7	208.1	166.4
STONE, CLAY, AND GLASS PRODUCTS	137.8	132.9	132.0	108.1	253.2	235.7	235.0	179.8
Glass and glassware	148.5	143.4	145.2	124.5	255.0	238.3	242.4	192.7
Glass products made from purchased glass	120.3	114.8	118.8	99.8	227.7	205.5	217.6	166.6
Cement	122.0	118.2	114.7	76.5	207.0	196.1	184.0	128.0
Brick, tile, and terra cotta	111.7	109.9	103.6	73.2	219.8	210.5	195.6	118.2
Pottery and related products	142.6	137.9	137.0	113.9	252.4	229.0	238.9	173.3
Gypsum	117.6	111.4	104.2	82.1	226.9	197.6	191.3	139.6
Wallboard, plaster (except gypsum), and mineral wool	134.9	108.6	128.9	112.3	280.0	215.7	255.5	200.1
Lime	93.7	93.1	91.5	79.0	216.5	201.0	196.9	158.7
Marble, granite, slate, and other products	93.4	91.2	89.6	70.6	154.8	147.0	144.6	102.4
Abrasives	246.1	243.4	241.0	255.8	407.7	404.5	399.1	443.6
Asbestos products	126.1	120.2	120.6	118.4	272.1	252.4	250.6	242.5
Nondurable Goods								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	104.7	103.5	104.8	91.7	231.0	214.7	218.6	162.1
Cotton manufactures, except small wares	114.2	112.4	113.0	102.9	275.5	246.1	248.2	192.9
Cotton small wares	105.8	103.0	105.9	97.9	220.3	207.6	207.0	182.3
Silk and rayon goods	77.2	75.9	76.6	70.9	181.4	166.3	166.8	133.9
Woolen and worsted manufactures, except dyeing and finishing	104.4	103.9	107.3	90.0	234.1	228.6	238.5	167.2
Hosiery	71.7	71.2	71.9	60.0	141.3	130.9	133.0	89.0
Knitted cloth	102.4	101.2	102.5	89.1	213.1	209.0	213.2	155.4
Knitted outerwear and knitted gloves	105.8	106.8	111.2	92.0	220.1	216.7	235.5	160.3
Knitted underwear	91.2	90.6	91.6	85.0	196.1	189.7	189.7	153.1
Dyeing and finishing textiles including woolen and worsted	95.4	94.2	95.2	83.5	187.6	178.8	184.5	139.6
Carpets and rugs, wool	94.7	92.7	93.7	73.6	173.0	165.2	169.5	111.6
Hats, fur-felt	61.8	73.7	75.7	62.0	139.1	153.3	160.0	112.4
Jute goods, except felts	103.7	104.9	108.1	90.1	225.8	217.2	224.5	174.4
Cordage and twine	122.8	118.8	126.5	118.3	255.9	229.3	246.1	217.2

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Aug. 1946	July 1946	June 1946	Aug. 1945	Aug. 1946	July 1946	June 1946	Aug. 1945
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	132.9	126.5	130.6	113.6	277.5	245.7	263.3	180.6
Men's clothing, not elsewhere classified	90.2	87.6	89.4	85.0	183.1	167.9	181.2	135.0
Shirts, collars, and nightwear	77.3	76.4	76.5	67.5	162.7	155.3	159.6	110.9
Underwear and neckwear, men's	73.8	70.2	72.8	70.1	173.8	157.9	167.3	124.1
Work shirts	99.0	99.1	101.6	103.9	213.2	202.9	213.3	186.5
Women's clothing, not elsewhere classified	77.9	72.1	78.3	70.1	169.8	141.3	159.0	108.4
Corsets and allied garments	84.6	82.9	86.1	71.6	167.2	158.6	170.3	119.1
Millinery	76.9	70.3	68.0	72.1	137.8	122.5	105.0	112.7
Handkerchiefs	47.5	46.1	47.4	51.2	103.2	93.2	98.8	94.3
Curtains, draperies, and bedspreads	78.3	79.8	79.1	60.4	164.5	168.5	173.5	116.8
House furnishings, other than curtains, etc.	103.0	100.2	99.1	100.1	213.5	198.3	183.6	171.4
Textile bags	113.7	122.1	114.0	120.1	203.2	208.1	207.6	193.2
LEATHER AND LEATHER PRODUCTS	102.0	102.3	103.1	90.2	198.2	197.3	203.4	159.9
Leather	88.4	88.1	90.9	80.9	160.1	156.5	163.0	141.2
Boot and shoe cut stock and findings	96.6	94.3	96.0	86.3	179.7	167.1	173.3	141.8
Boots and shoes	87.8	88.6	89.1	77.6	175.4	177.6	183.0	141.2
Leather gloves and mittens	111.2	113.2	115.3	113.3	215.0	217.5	221.4	181.9
Trunks and suitcases	176.8	171.4	168.2	156.8	332.9	304.8	314.7	243.9
FOOD	136.5	129.0	119.0	129.0	250.3	231.5	205.0	205.6
Slaughtering and meat packing	114.8	102.4	106.5	103.2	202.3	179.9	167.4	158.2
Butter	145.4	146.9	145.6	137.1	263.7	267.6	257.9	226.3
Condensed and evaporated milk	154.9	162.1	162.1	162.6	293.2	305.9	311.3	280.5
Ice cream	128.8	132.7	126.3	109.9	215.7	221.7	203.6	161.5
Flour	119.1	114.3	108.7	123.5	240.9	221.1	190.9	210.9
Feeds, prepared	145.7	140.6	135.0	144.3	275.2	251.0	230.7	244.9
Cereal preparations	135.1	127.4	133.2	126.8	244.4	219.5	238.6	225.6
Baking	102.7	101.4	101.5	107.9	184.1	178.5	168.8	170.9
Sugar refining, cane	98.8	100.0	100.5	92.1	162.5	167.5	162.4	140.0
Sugar, beet	64.8	43.6	45.2	48.2	107.2	72.0	70.6	72.8
Confectionery	97.9	92.7	94.8	101.0	186.3	170.0	180.4	165.7
Beverages, nonalcoholic	120.6	120.8	117.1	123.0	185.0	186.1	172.1	166.6
Malt liquors	145.2	144.0	141.1	149.1	232.3	222.3	210.1	224.2
Canning and preserving	153.5	136.8	82.8	133.5	387.4	325.8	181.9	249.4
TOBACCO MANUFACTURES	91.7	90.7	92.1	84.3	186.2	178.3	184.1	149.3
Cigarettes	121.3	122.5	122.6	122.9	218.0	211.1	217.8	193.9
Cigars	76.1	73.9	77.0	61.6	168.2	160.1	167.8	114.6
Tobacco (chewing and smoking) and snuff	83.6	83.1	79.3	91.6	149.3	140.5	135.7	148.8

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Aug. 1946	July 1946	June 1946	Aug. 1945	Aug. 1946	July 1946	June 1946	Aug. 1945
PAPER AND ALLIED PRODUCTS	137.8	135.9	137.3	117.0	253.9	243.8	244.4	189.2
Paper and pulp	122.1	120.9	121.9	104.1	227.8	218.4	216.7	171.7
Paper goods, other	122.7	120.8	123.4	111.9	216.4	211.8	218.1	180.2
Envelopes	118.5	116.8	120.4	105.4	206.4	198.4	210.4	160.4
Paper bags	124.3	127.3	128.9	102.8	229.2	236.5	233.9	169.7
Paper boxes	126.1	123.8	125.2	109.6	234.1	222.6	225.5	171.1
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	117.3	116.8	115.7	98.3	190.5	186.0	184.2	140.0
Newspapers and periodicals	110.4	109.6	109.4	92.6	168.8	163.7	162.0	128.6
Printing, book and job	125.6	126.3	123.8	105.4	211.1	209.1	204.6	151.9
Lithographing	112.0	110.8	110.2	92.8	182.6	173.2	176.3	130.6
Bookbinding	124.4	121.0	121.8	104.7	250.9	240.7	247.7	176.1
CHEMICALS AND ALLIED PRODUCTS	164.9	163.7	165.1	208.3	290.5	286.9	285.1	357.2
Paints, varnishes, and colors	127.6	126.6	125.3	103.0	204.2	199.5	199.7	163.0
Drugs, medicines, and insecticides	189.2	187.5	187.5	181.1	314.0	307.0	305.8	270.7
Perfumes and cosmetics	119.7	121.4	116.8	121.2	190.3	191.4	186.5	165.5
Soap	103.8	103.2	103.5	95.6	171.7	170.2	172.8	160.3
Rayon and allied products	118.7	118.0	121.0	110.0	206.2	197.6	198.3	181.6
Chemicals, not elsewhere classified	168.5	168.4	169.0	161.2	288.0	289.2	283.0	288.2
Explosives and safety fuses	173.1	169.8	168.7	1105.4	272.6	264.5	265.9	1607.4
Compressed and liquefied gases	148.1	145.9	146.2	148.0	248.4	238.8	239.4	265.5
Ammunition, small-arms	115.6	178.0	178.0	889.1	201.4	335.7	331.3	1469.9
Fireworks	254.7	244.4	282.9	237.0	623.1	622.1	708.5	3258.6
Cottonseed oil	71.4	55.6	59.4	75.6	160.1	119.8	126.8	145.5
Fertilizers	111.5	102.7	107.2	106.2	275.4	246.4	249.7	241.8
PRODUCTS OF PETROLEUM AND COAL	143.4	142.7	140.6	128.0	246.3	244.3	236.0	229.8
Petroleum refining	137.4	137.4	136.1	127.5	228.7	228.0	223.3	224.3
Coke and by-products	119.2	117.8	113.9	100.8	216.8	215.1	194.7	189.4
Paving materials	92.5	86.7	85.4	70.4	189.2	174.2	170.4	135.1
Roofing materials	151.3	149.4	146.7	116.0	292.3	279.5	277.0	205.5
RUBBER PRODUCTS	167.5	180.2	186.1	158.0	343.2	327.2	337.2	265.7
Rubber tires and inner tubes	189.9	183.1	195.8	159.3	311.2	304.3	318.3	249.7
Rubber boots and shoes	121.3	118.4	122.2	110.6	240.2	226.6	244.8	203.9
Rubber goods, other	139.6	133.8	132.3	124.4	278.6	255.9	255.2	212.8
MISCELLANEOUS INDUSTRIES	174.4	169.6	169.4	163.9	328.2	313.1	315.9	293.7
Instruments (professional and scientific), and fire control equipment	200.1	200.2	196.7	449.4	346.7	343.0	339.4	797.9
Photographic apparatus	148.3	145.9	141.6	154.6	244.6	240.0	233.3	250.1
Optical instruments and ophthalmic goods	182.1	181.8	183.0	182.1	316.5	314.9	314.2	283.0
Pianos, organs, and parts	122.9	118.9	118.0	96.7	230.8	213.7	220.4	164.2
Games, toys, and dolls	122.1	111.3	112.0	74.7	252.1	222.1	222.7	116.5
Buttons	96.3	92.2	93.5	80.9	208.2	195.2	203.0	148.1
Fire extinguishers	209.1	202.1	200.0	411.3	405.8	397.1	406.4	786.8

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

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

Wire drawn from purchased rods - March, April, and May 1946 employment to 115.7, 128.6, and 123.4; pay roll to 178.8, 200.0, and 191.9.

Tools (except edge tools, machine tools, files, and saws) - March, April, and May 1946 employment to 147.2, 153.1, and 162.6; pay roll to 278.7, 285.9, and 309.6.

Steam and hot-water heating apparatus and steam fittings - May 1946 employment to 149.9; pay roll to 269.8.

Firearms - May 1946 pay roll to 501.7.

Refrigerators and refrigeration equipment - May 1946 pay roll to 257.2.

Table 3. - Estimated Number of Employees in
Selected Nonmanufacturing Industries - (In thousands)

Industry Group or Industry	Aug. 1946	July 1946	June 1946	Aug. 1945
Mining ^{1/}				
Anthracite	67.9	67.5	65.5	64.1
Bituminous coal ^{2/}	336	332	332	323
Metal:	73.8	68.8	65.6	64.5
Iron	28.1	27.4	26.8	24.1
Copper	21.2	20.4	14.7	19.4
Lead and zinc	14.8	11.5	14.7	13.2
Gold and silver	7.2	7.0	7.1	5.2
Miscellaneous	2.5	2.5	2.3	2.6
Telephone	575	565	545	423
Telegraph ^{3/}	42.1	42.3	42.2	45.0
Electric light and power	249	247	244	205
Street railways and busses	252	250	249	227
Hotels (year-round)	384	384	387	354
Power laundries	^{4/}	^{4/}	^{4/}	^{4/}
Cleaning and dyeing	^{4/}	^{4/}	^{4/}	^{4/}
Class I steam railroads ^{5/}	1,368	1,349	1,330	1,449
Water transportation ^{6/}	119	120	120	164

^{1/} Data are for production workers only.

^{2/} Revisions have been made as follows in the data for earlier months:

 Bituminous coal - May 1946 to 248.

^{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.

^{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. - Percentage Changes in Employment and Pay Rolls
in Selected Nonmanufacturing Industries August 1946

Industry Group or Industry	Employment		Pay Roll	
	Percentage change from July 1946	Aug. 1945	Percentage change from July 1946	Aug. 1945
Wholesale trade:	+ 1.5	+13.9	+ 1.6	+25.5
Food products	+ .1	+ 8.8	+ .3	+21.5
Groceries and food specialties	- .4	+ 8.8	+ .3	+21.9
Dry goods and apparel	+ .6	+11.9	+ 1.2	+31.0
Machinery, equipment and supplies	+ 1.0	+13.9	+ .7	+23.7
Farm products	+37.5	+14.9	+24.0	+25.0
Petroleum and petroleum products (incl. bulk tank stations)	+ 1.7	+18.5	+ .8	+24.5
Automotive	+ 2.2	+32.7	+ 2.6	+42.6
Brokerage	+ .5	+25.5	- 1.3	+34.4
Insurance	+ 1.1	+16.7	0	+27.7

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Aug. 1946	July 1946	June 1946	Aug. 1945	Aug. 1946	July 1946	June 1946	Aug. 1945
Mining:								
Anthracite	82.0	81.4	79.0	77.4	193.3	156.5	182.7	148.0
Bituminous coal <u>1/</u>	90.7	89.5	89.6	87.1	238.9	198.4	243.8	188.0
Metal:	83.7	78.0	74.4	73.1	148.5	132.4	126.9	114.2
Iron	139.8	135.9	132.8	119.4	254.5	247.9	239.5	200.8
Copper	88.8	85.6	61.8	81.3	164.1	153.8	106.8	120.8
Lead and zinc	95.4	74.2	94.7	85.0	193.1	128.5	180.5	157.2
Gold and silver	29.0	28.5	28.8	21.2	42.5	38.5	41.6	26.1
Miscellaneous	63.7	62.5	58.4	66.0	103.0	96.7	95.5	105.2
Quarrying and nonmetallic	103.2	101.2	98.9	81.7	225.1	213.6	207.7	155.9
Crude petroleum production <u>2/</u>	95.5	95.4	94.2	84.2	152.6	151.3	147.1	139.2
Public utilities:								
Telephone	181.1	177.7	171.7	133.1	267.6	268.8	259.9	195.7
Telegraph	111.9	112.4	112.1	119.4	178.5	178.6	174.9	200.4
Electric light and power	101.9	101.2	99.9	84.1	152.4	150.2	148.4	120.7
Street railways and busses	130.0	128.9	128.7	117.3	211.3	206.7	199.5	178.7
Wholesale trade	109.1	107.5	106.9	95.8	177.3	174.5	172.6	141.3
Retail trade:	106.7	106.3	107.2	93.8	174.6	172.6	171.3	132.0
Food	103.6	101.3	103.5	99.9	177.3	171.5	170.0	144.7
General merchandise	117.4	117.6	121.0	104.7	188.1	187.1	188.8	141.2
Apparel	105.8	107.8	114.3	96.7	175.9	177.5	186.9	139.6
Furniture and house furnishings	79.5	78.1	77.6	61.7	129.9	129.2	126.6	88.8
Automotive	94.4	93.4	91.3	69.6	160.1	156.8	152.9	104.6
Lumber and building materials	112.6	111.1	109.4	91.8	186.1	180.1	177.2	133.3
Hotels (year-round) <u>3/</u>	119.1	119.0	119.9	109.9	208.6	204.5	205.0	172.0
Power laundries	111.5	113.6	112.3	106.1	188.3	193.3	190.9	160.5
Cleaning and dyeing	124.5	130.0	131.6	117.3	216.9	231.3	236.6	179.9
Class I steam railroads <u>4/</u>	138.5	136.6	134.6	146.7	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
Water transportation <u>6/</u>	225.9	228.2	229.0	313.4	478.8	490.1	467.4	664.0

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

Bituminous coal - May 1946 employment to 66.9; pay roll to 97.4.

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.

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

(In thousands)

Industry Division	Aug. 1946	July 1946	June 1946	Aug. 1945
Total <u>1/</u>	39,881	39,265	39,056	38,172
Manufacturing <u>2/</u>	14,586	14,244	14,098	15,019
Mining	829	815	807	784
Contract construction and Federal force account construction	2,109	1,976	1,874	927
Transportation and public utilities	4,000	3,962	3,917	3,860
Trade	7,803	7,747	7,749	6,979
Finance, service, and miscellaneous	5,160	5,152	5,131	4,666
Federal, State and local government, excluding Federal force account construction	5,394	5,369	5,480	5,937

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.

2/ Estimates for manufacturing have been adjusted to levels indicated by final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency. These estimates, which are comparable with the estimates shown in tables 1 and 7, supersede those shown in mimeographed releases dated prior to July 18, 1946, and Monthly Labor Reviews dated prior to August 1946. Data from January 1943 forward were affected by this revision. A complete series from 1939 to date is available upon request.

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

Industry Group	All Employees ^{2/} (In thousands)			
	Aug. 1946	July 1946	June 1946	Aug. 1945
All manufacturing	14,586	14,244	14,098	15,019
Durable goods	7,281	7,112	6,985	8,294
Nondurable goods	7,305	7,132	7,113	6,725
Iron and steel and their products	1,684	1,640	1,603	1,752
Electrical machinery	680	666	662	839
Machinery, except electrical	1,359	1,335	1,314	1,388
Transportation equipment, except automobiles	586	598	602	1,819
Automobiles	896	862	822	692
Nonferrous metals and their products	455	441	426	452
Lumber and timber basic products	689	667	658	578
Furniture and finished lumber products	463	450	447	394
Stone, clay, and glass products	469	453	451	380
Textile-mill products and other fiber manufactures	1,304	1,290	1,305	1,146
Apparel and other finished textile products	1,194	1,140	1,175	1,019
Leather and leather products	393	394	396	350
Food	1,564	1,490	1,414	1,470
Tobacco manufactures	99	98	99	92
Paper and allied products	443	437	440	381
Printing, publishing, and allied industries	634	632	626	550
Chemicals and allied products	628	626	628	764
Products of petroleum and coal	215	215	212	192
Rubber products	279	269	277	238
Miscellaneous industries	552	541	541	523

^{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. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded. These estimates have been adjusted to levels indicated by final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency.

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

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

Region and State	All industry divisions			Manufacturing		
	July 1946	June 1946	July 1945	July 1946	June 1946	July 1945
New England <u>1/</u>	2,915	2,921	2,865	1,476	1,495	1,494
Maine <u>2/</u>	233	233	236	110	111	112
New Hampshire <u>2/</u>	147	145	133	77.3	79.4	72.0
Vermont <u>2/</u>	87.8	87.0	80.2	40.5	40.4	40.6
Massachusetts <u>3/</u>	1,505	1,516	1,506	724	737	729
Rhode Island <u>3/</u>	258	260	256	138	140	136
Connecticut <u>3/</u>	684	680	654	386	387	404
Middle Atlantic <u>1/</u>	8,778	8,787	8,825	3,833	3,836	4,092
New York <u>3/</u>	4,367	4,384	4,372	1,790	1,808	1,896
New Jersey <u>3/</u>	1,357	1,357	1,422	699	703	803
Pennsylvania <u>3/</u>	3,054	3,046	3,031	1,344	1,325	1,393
East North Central	8,442	8,354	8,225	4,053	3,970	4,230
Ohio <u>1/4/</u>	2,275	2,268	2,256	1,136	1,132	1,206
Indiana	948	944	991	444	441	493
Illinois <u>1/3/</u>	2,757	2,749	2,656	1,108	1,102	1,138
Michigan <u>1/3/</u>	1,666	1,628	1,548	969	930	960
Wisconsin <u>1/3/</u>	796	785	774	396	365	433
West North Central <u>1/</u>	2,786	2,759	2,771	784	772	939
Minnesota <u>3/</u>	663	651	623	193	183	217
Iowa <u>5/</u>	450	449	433	131	131	145
Missouri <u>6/</u>	925	913	928	327	325	382
North Dakota <u>5/</u>	79.5	79.0	71.1	6.2	6.1	5.7
South Dakota <u>5/</u>	88.8	88.4	80.4	9.5	10.0	9.7
Nebraska <u>5/</u>	243	243	256	41.6	42.0	59.5
Kansas <u>3/</u>	337	336	379	76.1	74.7	120
South Atlantic	4,350	4,356	4,388	1,481	1,471	1,560
Delaware	92.5	91.4	88.9	43.9	43.2	43.6
Maryland <u>1/3/</u>	620	614	661	239	235	274
District of Columbia <u>1/7/</u>	465	464	464	16.1	16.1	14.0
Virginia <u>1/3/</u>	637	634	666	199	197	203
West Virginia <u>1/4/</u>	411	414	412	129	129	135
North Carolina	708	712	666	344	347	337
South Carolina <u>1/8/</u>	354	358	363	180	180	170
Georgia <u>1/8/</u>	615	607	637	256	247	280
Florida <u>1/8/</u>	447	462	430	74.2	76.8	103
East South Central <u>1/</u>	1,703	1,685	1,687	655	642	700
Kentucky <u>4/</u>	424	417	415	124	122	131
Tennessee <u>8/</u>	547	543	518	240	235	258
Alabama <u>8/</u>	496	490	520	208	202	228
Mississippi <u>8/</u>	236	235	234	83.0	83.0	83.4

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

Region and State	All industry divisions			Manufacturing		
	July 1946	June 1946	July 1945	July 1946	June 1946	July 1945
West South Central <u>1/</u>	2,406	2,410	2,458	558	556	701
Arkansas <u>3/</u>	234	231	254	65.8	65.5	73.0
Louisiana <u>3/</u>	443	444	459	132	133	160
Oklahoma <u>6/</u>	342	347	364	52.4	52.8	90.4
Texas <u>3/</u>	1,387	1,388	1,381	308	305	378
Mountain <u>1/</u>	934	909	906	142	130	159
Montana <u>3/</u>	119	115	109	15.2	14.8	14.7
Idaho <u>9/</u>	99.7	98.9	93.6	18.6	18.2	17.6
Wyoming <u>9/</u>	61.9	60.6	63.9	5.8	5.5	5.3
Colorado <u>9/</u>	275	269	263	51.6	49.2	59.0
New Mexico <u>9/</u>	87.9	85.5	82.9	9.3	9.0	8.6
Arizona <u>10/</u>	103	98.9	107	12.3	11.0	23.2
Utah <u>3/</u>	144	137	144	26.3	19.4	27.5
Nevada <u>10/</u>	43.9	43.6	42.7	2.8	2.8	2.6
Pacific <u>1/</u>	3,352	3,301	3,373	975	936	1,300
Washington <u>10/</u>	537	533	616	162	159	262
Oregon <u>10/</u>	317	314	343	121	119	165
California <u>3/11/</u>	2,498	2,454	2,414	692	658	873

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/ 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 Publication, New York State Dept. of Labor Albany 1.

Pennsylvania - Dept. of Labor and Industry, Bureau of Research and Information, Harrisburg

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.

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

Virginia - Division of Research and Statistics, State Dept. of Labor and Industry, Richmond 21.

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.

Utah - Dept. of Employment Security, Salt Lake City 13.

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.

11/ Revised series. Comparable data for previous months available upon request.

Table 9.—Employment and Pay Rolls in Regular Federal Services
and in Government Corporations, August 1946 ^{1/}

(In thousands)

Branch	Employment ^{2/}				Pay rolls ^{3/}	
	August 1946 ^{4/}	July 1946 ^{5/}	August 1945	August 1946 ^{4/}	July 1946 ^{5/}	August 1945
Total	2,661.9	2,725.8	3,821.5	\$546,159	\$559,137	\$698,444
Executive ^{6/}	2,618.8	2,682.6	3,777.6	537,401	550,412	690,240
Washington D. C. Metropolitan area	235.1	235.1	255.6	57,392	58,041	57,695
War agencies ^{7/}	86.9	87.3	124.7	21,045	21,189	26,782
Other agencies	148.2	147.8	130.9	36,347	36,852	30,912
Other areas	2,384.0	2,447.5	3,522.0	480,009	492,371	632,545
War agencies ^{7/}	1,383.9	1,460.5	2,727.8	265,072	279,118	469,012
Continental United States	1,042.5	1,071.7	1,889.6	232,922	245,196	403,065
Outside Continental United States ^{8/}	341.4	388.8	838.2	32,150	33,921	65,947
Other agencies	1,000.1	986.9	794.2	214,937	213,253	163,534
Continental United States	972.8	960.0	775.2	208,463	206,876	159,375
Outside Continental United States ^{8/}	27.2	26.9	19.0	6,474	6,377	4,159
Legislative	6.7	6.7	6.4	2,106	2,093	1,779
Judicial	3.0	3.1	2.9	1,009	945	857
Government corporations ^{9/}	33.3	33.4	34.6	5,643	5,687	5,568

Prepared in 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/ Pay rolls are for all pay periods ending within the calendar month. Beginning July 1945 this represents pay for four weeks for most per annum employees.
- 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 include clerks at third-class post offices, who previously were working on a contract basis. Data exclude substitute rural mail carriers.
- 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. Data for other Government corporations are included under the executive branch.

Note: Revisions which are made from time to time for months prior to these 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 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 1/

(In thousands)

Branch, sex, or type of pay	August 1946 (Preliminary)	July 1946 (Preliminary)	August 1945
Personnel, total <u>2/</u>	2,812	3,105	12,245
Army	1,815	1,890	8,186
Navy	997	1,216	4,059
Men	2,762	3,044	11,971
Women	50	61	274
Pay, total	\$568,589	\$628,391	\$1,673,798
Army	320,815	335,717	1,084,439
Navy	247,774	292,674	589,359
Pay rolls <u>3/</u>	423,205	469,976	1,357,284
Mustering-out pay	104,420	115,426	57,154
Family allowances <u>4/</u>	40,964	42,988	259,359

- 1/ Because of rounding, totals will not necessarily agree with the sum of the items shown. Figures for the Navy cover the Navy, Marine Corps, and Coast Guard.
- 2/ Personnel is as of the first of the calendar month. The figures include officers on terminal leave as of the reporting dates shown. Navy personnel include the missing and those in the hands of the enemy.
- 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.
- 4/ Represents Government's contribution. Men's share is included in the pay roll.

Table 11.--Total Employment in United States Navy Yards and Private Shipyards Within Continental United States by Shipbuilding Region, August 1946 ^{1/}

Shipbuilding region	Employment (in thousands)		
	August 1946 ^{2/}	July 1946	August 1945
All regions.....	293.4	332.0	1,021.6
U. S. navy yards ^{3/}	111.4	133.4	298.8
Private shipyards.....	182.0	198.6	722.8
North Atlantic.....	132.3	151.2	391.8
South Atlantic.....	35.1	39.1	97.2
Gulf.....	27.6	30.9	123.3
Pacific.....	89.6	101.5	376.0
Great Lakes.....	5.5	5.8	19.0
Inland.....	3.3	3.5	14.3

^{1/} Pay rolls discontinued starting with August 1946 data.

^{2/} Preliminary.

^{3/} 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, August 1945, and July and August 1946

Type of project	Employment (in thousands)			Pay rolls (in thousands)		
	August 1946 <u>1/</u>	July 1946 <u>2/</u>	August 1945 <u>2/</u>	August 1946 <u>1/</u>	July 1946 <u>2/</u>	August 1945 <u>2/</u>
Total construction, <u>3/</u>	2,321.4	2,182.2	1,064.9	<u>4/</u>	<u>4/</u>	<u>4/</u>
At the construction site	2,039.0	1,912.9	948.3	<u>4/</u>	<u>4/</u>	<u>4/</u>
Federal projects <u>5/</u>	<u>6/</u> 191.7	<u>6/</u> 160.2	<u>6/</u> 211.6	<u>7/</u> \$39,248	<u>7/</u> \$31,381	<u>7/</u> \$41,789
Airports	3.4	3.8	10.6	681	755	1,995
Buildings	92.5	71.6	153.1	18,567	12,906	30,456
Residential	71.2	50.5	9.3	14,873	9,407	2,129
Nonresidential <u>8/</u>	<u>6/</u> 21.3	<u>6/</u> 21.1	<u>6/</u> 143.8	<u>7/</u> 3,694	<u>7/</u> 3,499	<u>7/</u> 28,327
Electrification	5.6	4.8	.9	846	789	148
Reclamation	9.2	8.7	6.5	2,159	1,867	1,471
River, harbor, and flood control	23.6	20.3	15.1	4,947	4,308	2,945
Streets and highways	51.1	46.2	11.5	10,986	9,919	2,255
Water and sewer systems	1.3	1.2	3.2	264	252	553
Miscellaneous	5.0	3.6	10.7	798	585	1,966
Non-Federal projects	1,847.3	1,752.7	736.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Buildings	1,299.5	1,258.0	413.2	320,977	308,210	100,408
Residential	621.2	593.0	166.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
Nonresidential	678.3	665.0	246.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Farm dwellings and service buildings	197.0	170.7	142.0	<u>4/</u>	<u>4/</u>	<u>4/</u>
Public utilities	155.5	148.8	124.3	<u>4/</u>	<u>4/</u>	<u>4/</u>
Streets and highways	97.3	86.5	34.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
State	32.0	27.5	17.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
County and municipal	65.3	59.0	17.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
Miscellaneous	98.0	88.7	22.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
Other <u>9/</u>	282.4	269.3	116.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Maintenance of State roads <u>10/</u>	118.0	113.0	92.8	<u>4/</u>	<u>4/</u>	<u>4/</u>

Prepared in Division of Construction and Public Employment

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: August 1945, 17,927, \$3,334,967; July 1946, 19,244, \$3,571,294; August 1946, 20,199, \$3,884,140. These employees are also included under the Federal executive service (table); 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: August 1945, 25,000; July 1946, 2,500; August 1946, 2,500.

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.