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

EMPLOYMENT AND PAY ROLLS

Detailed Report

September 1946

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

Industry Group and Industry	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
ALL MANUFACTURING	12,019	11,881	11,554	10,529
DURABLE GOODS	6,091	5,999	5,829	5,234
NONDURABLE GOODS	5,928	5,882	5,725	5,295
Durable Goods				
IRON AND STEEL AND THEIR PRODUCTS	1,456	1,433	1,390	1,240
Blast furnaces, steel works, and rolling mills	480.1	480.0	469.5	422.4
Gray-iron and semi-steel castings	82.1	81.6	80.7	66.1
Malleable-iron castings	24.4	24.1	23.6	22.0
Steel castings	50.7	50.2	50.2	53.4
Cast-iron pipe and fittings	18.8	16.9	18.3	13.2
Tin cans and other tinware	44.8	44.4	43.4	37.6
Wire drawn from purchased rods	29.8	29.1	28.7	27.5
Wirework	41.4	39.5	36.5	26.0
Cutlery and edge tools	25.9	25.7	25.4	21.0
Tools (except edge tools, machine tools, files, and saws)	26.4	25.6	24.3	22.7
Hardware	47.7	45.9	44.6	33.9
Plumbers' supplies	28.1	27.1	25.8	17.5
Stoves, oil burners, and heating equipment not elsewhere classified	59.4	56.8	54.0	43.8
Steam and hot-water heating apparatus and steam fittings	48.9	48.0	47.7	40.4
Stamped and enameled ware and galvanizing	82.0	79.0	75.4	59.8
Fabricated structural and ornamental metalwork	55.6	55.5	53.2	41.0
Metal doors, sash, frames, molding, and trim 2/	10.2	9.8	8.8	7.0
Bolts, nuts, washers, and rivets	20.4	18.7	17.6	19.5
Forgings, iron and steel	26.2	26.3	25.5	25.1
Wrought pipe, welded and heavy-riveted 2/	13.4	12.8	11.5	12.3
Screw-machine products and wood screws	28.6	27.8	26.8	25.1
Steel barrels, kegs, and drums	6.2	6.4	5.8	6.0
Firearms	14.2	14.0	13.3	10.6
ELECTRICAL MACHINERY	542	524	507	445
Electrical equipment	300.1	290.7	282.5	271.0
Radios and phonographs	84.9	82.3	78.7	57.4
Communication equipment	89.0	85.3	85.4	65.7

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

Industry Group and Industry	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
MACHINERY, EXCEPT ELECTRICAL	1,070	1,051	1,027	913
Machinery and machine-shop products	363.2	356.6	351.5	332.9
Engines and turbines	45.3	44.9	43.5	44.7
Tractors	52.0	52.8	52.4	48.8
Agricultural machinery, excluding tractors	41.2	40.7	40.8	36.0
Machine tools	62.0	61.3	59.2	59.7
Machine-tool accessories	51.5	50.2	48.7	47.4
Textile machinery	33.4	32.7	31.7	24.9
Pumps and pumping equipment	57.5	56.9	54.6	52.5
Typewriters	20.5	19.4	18.2	11.5
Cash registers, adding and calculating machines	34.7	33.2	33.5	25.2
Washing machines, wringers and driers, domestic	11.9	11.5	10.3	6.5
Sewing machines, domestic and industrial	10.1	9.7	9.8	7.4
Refrigerators and refrigeration equipment	61.4	60.5	59.2	32.1
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	444	451	459	788
Locomotives	27.1	26.8	26.2	29.7
Cars, electric- and steam-railroad	48.1	46.6	45.5	40.5
Aircraft and parts, excluding aircraft engines	139.5	134.2	128.6	156.5
Aircraft engines	27.9	27.5	26.5	33.1
Shipbuilding and boatbuilding	143.4	157.8	173.9	445.4
Motorcycles, bicycles, and parts	11.2	10.7	10.4	6.2
AUTOMOBILES	764	731	699	426
NONFERROUS METALS AND THEIR PRODUCTS	396	392	378	301
Smelting and refining, primary, of nonferrous metals	37.4	36.9	35.4	36.0
Alloying and rolling and drawing of nonferrous metals except aluminum	61.5	61.2	59.5	51.6
Clocks and watches	27.8	27.5	26.1	19.6
Jewelry (precious metals) and jewelers' findings	17.9	17.4	16.7	13.5
Silverware and plated ware	14.6	14.2	13.7	9.7
Lighting equipment	30.4	29.9	29.1	16.8
Aluminum manufactures	49.7	49.4	48.6	35.9
Sheet-metal work, not elsewhere classified	26.4	26.5	25.0	21.1

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

Industry Group and Industry	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
LUMBER AND TIMBER BASIC PRODUCTS	624	625	603	508
Sawmills and logging camps	231.9	235.4	229.0	207.7
Planing and plywood mills	74.3	73.4	70.7	63.1
FURNITURE AND FINISHED LUMBER PRODUCTS	388	388	376	303
Mattresses and bedsprings	22.7	21.9	20.7	14.7
Furniture	164.4	165.3	160.9	128.4
Wooden boxes, other than cigar	25.1	25.3	24.7	23.2
Caskets and other morticians' goods	13.2	13.1	13.1	11.3
Wood preserving	12.6	12.5	12.2	10.3
Wood, turned and shaped	22.6	22.7	22.0	19.5
STONE, CLAY, AND GLASS PRODUCTS	407	404	390	310
Glass and glassware	104.3	103.7	100.1	84.5
Glass products made from purchased glass	12.0	12.0	11.5	9.8
Cement	28.9	29.1	28.2	19.4
Brick, tile, and terra cotta	63.4	63.4	62.4	42.7
Pottery and related products	46.0	47.2	45.6	37.4
Gypsum	5.9	5.8	5.5	4.1
Wallboard, plaster (except gypsum), and mineral wool	10.8	10.9	8.8	9.0
Lime	8.9	8.9	8.8	7.4
Marble, granite, slate, and other products	17.4	17.3	16.9	11.9
Abrasives	19.3	19.0	18.8	17.1
Asbestos products	20.5	20.0	19.1	17.5
Nondurable Goods				
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	1,212	1,197	1,183	1,051
Cotton manufactures, except small wares	455.8	452.3	445.0	407.0
Cotton small wares	14.3	14.1	13.7	12.4
Silk and rayon goods	93.0	92.6	90.9	84.9
Woolen and worsted manufactures, except dyeing and finishing	159.7	155.8	155.0	136.3
Hosiery	113.8	114.1	113.3	96.2
Knitted cloth	11.1	11.2	11.1	9.6
Knitted outerwear and knitted gloves	30.4	29.7	30.0	26.3
Knitted underwear	34.9	35.2	34.9	32.5
Dyeing and finishing textiles, including woolen and worsted	64.1	63.8	63.0	55.9
Carpets and rugs, wool	24.6	24.2	23.7	17.8
Hats, fur-felt	11.3	9.0	10.7	9.3
Jute goods, except felts	3.8	3.7	3.8	3.4
Cordage and twine	15.2	14.9	14.4	13.8

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

Industry Group and Industry	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,068	1,049	1,001	911
Men's clothing, not elsewhere classified	197.1	197.3	191.8	180.5
Shirts, collars, and nightwear	54.4	54.5	53.8	48.5
Underwear and neckwear, men's	12.4	11.9	11.3	11.3
Work shirts	13.5	13.3	13.3	13.1
Women's clothing, not elsewhere classified	216.5	211.5	195.7	202.1
Corsets and allied garments	16.0	15.9	15.6	14.1
Millinery	19.3	18.7	17.1	18.1
Handkerchiefs	2.3	2.3	2.2	2.6
Curtains, draperies, and bedspreads 2/	14.0	13.9	14.0	9.8
House furnishing, other than curtains, etc.	11.0	11.1	10.6	8.1
Textile bags	13.5	13.6	14.6	14.4
LEATHER AND LEATHER PRODUCTS	355	354	355	305
Leather	42.1	41.9	41.6	38.8
Boot and shoe cut stock and findings	17.7	18.2	17.7	16.3
Boots and shoes	192.7	191.4	193.3	164.6
Leather gloves and mittens	11.0	11.1	11.3	10.9
Trunks and suitcases	14.6	14.8	14.4	10.9
FOOD	1,157	1,166	1,102	1,183
Slaughtering and meat packing	94.8	138.4	123.4	126.5
Butter	25.2	26.1	26.4	23.7
Condensed and evaporated milk	14.2	15.0	15.7	14.9
Ice cream	18.9	20.2	20.9	16.6
Flour	29.7	29.5	28.3	30.8
Feeds, prepared	21.0	22.4	21.7	23.0
Cereal preparations	10.9	10.1	9.5	9.5
Baking	241.4	236.9	234.0	251.0
Sugar refining, cane	12.7	14.0	14.2	13.1
Sugar, beet	7.9	6.8	4.5	7.6
Confectionery	52.1	48.6	46.0	50.7
Beverages, nonalcoholic	24.1	25.6	25.7	25.7
Malt liquors	54.2	52.4	52.0	55.2
Canning and preserving	243.9	206.5	183.9	237.1
TOBACCO MANUFACTURES	87	86	85	83
Cigarettes	33.6	33.3	33.6	34.9
Cigars	40.0	38.7	37.6	34.3
Tobacco (chewing and smoking) and snuff	7.6	7.7	7.6	8.7

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

Industry Group and Industry	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
PAPER AND ALLIED PRODUCTS	368	366	361	312
Paper and pulp	167.7	167.8	166.2	142.0
Paper goods, other	46.6	46.2	45.5	41.9
Envelopes	10.4	10.3	10.2	9.5
Paper bags	14.7	14.0	14.1	12.2
Paper boxes	87.4	87.2	85.6	76.8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	387	385	383	324
Newspapers and periodicals	131.8	131.1	130.1	112.5
Printing, book and job	159.8	158.7	159.5	133.1
Lithographing	29.5	29.1	28.6	24.2
Bookbinding	31.9	32.1	31.2	26.3
CHEMICALS AND ALLIED PRODUCTS	484	475	472	496
Paints, varnishes, and colors	36.0	35.9	35.6	29.7
Drugs, medicines, and insecticides	52.2	51.8	51.4	46.9
Perfumes and cosmetics	12.2	12.6	12.6	12.4
Soap	14.2	14.1	14.0	13.2
Rayon and allied products	57.4	57.3	57.0	54.0
Chemicals, not elsewhere classified	116.6	117.2	117.2	111.7
Explosives and safety fuses	12.8	12.6	12.3	39.2
Compressed and liquefied gases	5.7	5.9	5.8	5.6
Ammunition, small-arms	7.4	4.9	7.6	13.5
Fireworks	3.2	2.9	2.8	3.3
Cottonseed oil	13.4	10.9	8.4	14.7
Fertilizers	22.3	20.9	19.3	20.9
PRODUCTS OF PETROLEUM AND COAL	152	152	151	131
Petroleum refining	99.8	100.1	100.1	87.7
Coke and by-products	25.9	25.9	25.6	22.1
Paving materials	2.4	2.3	2.1	1.7
Roofing materials	12.3	12.2	12.0	9.8
RUBBER PRODUCTS	230	227	218	165
Rubber tires and inner tubes	104.0	102.8	99.1	71.8
Rubber boots and shoes	17.9	18.0	17.5	14.7
Rubber goods, other	73.3	72.1	69.3	57.7
MISCELLANEOUS INDUSTRIES	428	425	414	334
Instruments (professional and scientific), and fire control equipment	20.9	21.2	21.2	26.2
Photographic apparatus	25.5	25.6	25.2	20.9
Optical instruments and ophthalmic goods	21.2	21.2	21.1	18.8
Pianos, organs, and parts	9.4	9.4	9.1	5.2
Games, toys, and dolls	23.5	22.8	20.8	12.8
Buttons	10.6	10.6	10.1	8.8
Fire extinguishers	2.1	2.1	2.0	2.5

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

1/ September 1946 estimates are based on reports from 33,200 cooperating establishments covering 7,268,000 production workers. Estimates for the major industry groups have been adjusted to levels indicated by 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 the data for earlier months:

Metal doors, sash, frames, molding, and trim - January 1946 to 7.4; March to 7.2; May and June to 7.3 and 7.7.
Wrought pipe, welded and heavy-riveted - June 1946 to 11.2.
Curtains, draperies, and bedspreads - January through June 1946 to 11.8, 12.4, 12.5, 12.6, 13.0, and 13.8.

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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			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
ALL MANUFACTURING	146.7	145.0	141.0	128.5	284.3	278.2	261.2	224.2
DURABLE GOODS	168.7	166.1	161.4	144.9	314.6	306.9	287.7	246.2
NONDURABLE GOODS	129.4	128.4	125.0	115.6	254.7	250.2	235.4	202.6
Durable Goods								
IRON AND STEEL AND THEIR PRODUCTS	146.9	144.5	140.2	125.1	263.2	255.8	238.1	206.9
Blast furnaces, steel works, and rolling mills	123.6	123.6	120.9	108.8	206.3	204.0	191.8	175.3
Gray-iron and semi-steel castings	140.5	139.6	138.1	113.2	291.7	280.5	264.0	214.8
Malleable-iron castings	135.1	133.6	131.0	121.8	287.5	282.6	267.1	228.4
Steel castings	168.5	166.9	167.0	177.6	297.5	294.8	277.1	280.9
Cast-iron pipe and fittings	113.6	102.2	110.5	80.0	240.4	208.6	221.7	151.2
Tin cans and other tinware	141.1	139.9	136.6	118.4	274.1	270.1	248.7	200.7
Wire drawn from purchased rods	135.7	132.3	130.5	125.1	231.8	219.2	206.3	179.4
Wirework	136.3	130.0	120.2	85.7	272.5	257.3	237.2	157.6
Cutlery and edge tools	167.7	166.5	164.8	136.5	364.6	354.9	340.4	265.0
Tools (except edge tools, machine tools, files, and saws)	172.2	167.2	158.6	148.3	340.8	326.2	303.6	256.7
Hardware	133.8	128.7	125.7	95.0	267.2	254.3	244.9	173.9
Plumbers' supplies	113.9	110.0	104.8	71.2	196.7	191.0	175.4	114.2
Stoves, oil burners, and heating equipment not elsewhere classified	128.8	123.0	117.0	95.1	247.5	234.3	210.7	160.5
Steam and hot-water heating apparatus and steam fittings	161.3	158.2	157.3	133.4	306.7	289.6	279.7	234.0
Stamped and enameled ware and galvanizing	147.6	142.2	135.8	107.7	291.0	279.9	253.5	190.1
Fabricated structural and ornamental metalwork	156.7	156.1	149.8	115.5	273.9	271.7	250.8	180.8
Metal doors, sash, frames, molding, and trim 2/	131.9	126.7	111.1	90.1	248.9	233.4	207.4	148.1
Bolts, nuts, washers, and rivets	142.5	130.6	122.9	136.1	245.0	227.7	190.5	217.1
Forgings, iron and steel	170.1	170.9	165.9	163.5	301.1	305.8	272.1	258.5
Wrought pipe, welded and heavy-riveted 2/	159.7	153.4	137.0	147.1	281.3	270.7	218.6	237.3
Screw-machine products and wood screws	168.7	164.1	158.5	148.6	334.0	324.9	300.5	260.2
Steel barrels, kegs, and drums 2/	102.7	106.0	95.6	98.5	214.5	227.4	187.2	164.5
Firearms	284.1	281.0	266.9	213.0	573.2	530.8	515.9	380.0
ELECTRICAL MACHINERY	209.3	202.1	195.8	171.5	384.5	364.4	338.3	268.5
Electrical equipment	166.0	160.8	156.3	149.9	299.5	285.0	264.3	229.7
Radios and phonographs	195.1	189.0	176.2	131.8	391.8	368.3	332.1	227.8
Communication equipment	277.2	265.6	265.9	204.6	505.1	478.8	459.2	313.9

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945	Sept. 1946	Aug. 1946	July 1946	Sept 1945
MACHINERY, EXCEPT ELECTRICAL	202.5	199.0	194.4	172.7	362.2	348.8	333.5	285.7
Machinery and machine-shop products	179.5	176.2	173.7	164.6	322.9	314.2	299.4	266.4
Engines and turbines	242.6	240.9	233.1	239.6	484.5	453.7	446.8	368.6
Tractors	166.4	168.7	167.5	155.9	254.1	256.5	248.4	237.5
Agricultural machinery, excluding tractors	148.1	146.4	146.8	129.3	269.8	256.7	251.2	246.8
Machine tools	169.2	167.5	161.5	163.1	285.5	281.4	262.3	260.5
Machine-tool accessories	204.8	199.5	193.5	188.2	336.0	316.3	293.2	279.6
Textile machinery	152.3	149.2	144.7	113.6	290.5	277.9	265.3	209.8
Pumps and pumping equipment	237.1	234.6	225.3	216.6	444.0	438.4	413.2	389.9
Typewriters	126.6	119.5	112.2	71.2	248.1	228.2	216.5	133.1
Cash registers, adding and calculating machines	176.1	168.9	170.0	128.1	333.2	292.8	314.2	210.4
Washing machines, wringers and driers, domestic	158.7	153.8	137.8	87.4	287.9	269.5	234.6	143.2
Sewing machines, domestic and industrial	138.3	133.2	124.8	94.6	243.1	238.9	229.6	192.8
Refrigerators and refrigeration equipment	174.7	172.1	168.4	91.2	298.2	288.2	272.2	146.7
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	279.8	284.0	289.1	496.5	513.0	533.0	538.5	844.1
Locomotives	419.4	414.0	405.1	458.4	855.6	835.4	836.0	894.1
Cars, electric- and steam-railroad	196.1	190.1	185.7	165.1	364.9	362.0	341.5	271.7
Aircraft and parts, excluding aircraft engines	351.6	336.3	324.2	394.5	663.9	640.8	605.6	624.5
Aircraft engines	313.5	309.3	298.3	372.2	509.7	498.3	468.9	469.7
Shipbuilding and boatbuilding	207.1	227.9	251.2	643.3	362.1	423.1	468.8	1115.9
Motorcycles, bicycles, and parts	160.1	152.9	148.6	88.6	287.3	267.9	239.8	132.7
AUTOMOBILES	189.8	181.8	173.6	105.9	320.2	308.0	282.2	151.2
NONFERROUS METALS AND THEIR PRODUCTS	172.9	171.0	165.0	131.2	320.0	311.4	292.9	223.3
Smelting and refining, primary, of nonferrous metals	135.3	133.6	128.2	130.4	247.0	239.5	227.8	231.3
Alloying and rolling and drawing of nonferrous metals except aluminum	158.4	157.8	153.2	133.0	284.1	279.7	268.7	222.6
Clocks and watches	136.8	135.5	128.5	96.6	289.7	280.8	251.4	168.5
Jewelry (precious metals) and jewelers' findings	123.8	120.6	115.5	93.7	237.3	221.1	201.6	160.4
Silverware and plated ware	120.0	117.2	112.6	80.1	250.9	232.7	213.7	144.2
Lighting equipment	148.6	146.1	142.1	82.2	260.5	252.4	239.2	131.6
Aluminum manufactures	211.0	209.6	206.4	152.5	358.1	351.3	340.4	219.9
Sheet-metal work, not elsewhere classified	141.1	141.1	133.1	112.4	265.5	273.4	246.1	200.1

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
LUMBER AND TIMBER BASIC PRODUCTS	148.5	148.7	143.4	120.8	305.7	305.5	270.8	215.3
Sawmills and logging camps	80.5	81.7	79.5	72.1	167.5	169.7	151.7	130.3
Planing and plywood mills	102.3	101.0	97.3	86.8	198.8	196.2	174.0	145.2
FURNITURE AND FINISHED LUMBER PRODUCTS	118.2	118.1	114.5	92.4	243.4	239.3	222.1	164.0
Mattresses and bedsprings	123.6	119.2	112.7	80.3	238.4	223.4	205.9	137.9
Furniture	103.3	103.9	101.1	80.6	212.1	209.7	194.2	140.8
Wooden boxes, other than cigar	98.9	99.7	97.6	91.3	218.3	223.0	203.4	176.6
Caskets and other morticians' goods	106.2	105.1	105.2	90.6	194.5	185.2	182.4	149.6
Wood preserving	112.3	110.9	108.4	91.2	266.4	255.1	244.7	209.4
Wood, turned and shaped	102.6	103.4	99.9	88.5	209.6	210.9	199.7	159.0
STONE, CLAY, AND GLASS PRODUCTS	138.7	137.8	132.9	105.7	259.8	253.2	235.7	175.7
Glass and glassware	149.4	148.5	143.4	121.0	268.9	255.0	238.3	188.9
Glass products made from purchased glass	119.9	120.3	114.8	98.1	223.3	227.7	205.5	172.2
Cement	121.5	122.0	118.2	81.3	212.5	207.0	196.1	131.0
Brick, tile, and terra cotta	111.7	111.7	109.9	75.2	224.1	219.8	210.5	125.6
Pottery and related products	145.1	142.6	137.9	113.0	257.7	252.4	229.0	172.7
Gypsum	119.7	117.6	111.4	82.9	231.0	226.9	197.6	144.8
Wallboard, plaster (except gypsum), and mineral wool	133.0	134.9	108.6	110.9	283.9	280.0	215.7	211.2
Lime	93.8	93.7	93.1	77.9	219.5	216.5	201.0	158.3
Marble, granite, slate, and other products	94.1	93.4	91.2	64.3	152.9	154.8	147.0	102.0
Abrasives	249.3	246.1	243.4	220.6	399.2	407.7	404.5	339.6
Asbestos products	128.9	126.1	120.2	110.4	276.3	272.1	252.4	216.9
Nondurable Goods								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	106.0	104.7	103.5	91.9	237.2	231.0	214.7	169.7
Cotton manufactures, except small wares	115.1	114.2	112.4	102.8	281.7	275.5	246.1	201.0
Cotton small wares	107.5	105.8	103.0	92.9	222.0	220.3	207.6	166.0
Silk and rayon goods	77.6	77.2	75.9	70.9	180.9	181.4	166.3	138.2
Woolen and worsted manufactures, except dyeing and finishing	107.0	104.4	103.9	91.3	242.7	234.1	228.6	175.4
Hosiery	71.6	71.7	71.2	60.5	143.7	141.3	130.9	101.1
Knitted cloth	101.8	102.4	101.2	88.3	214.4	213.1	209.0	168.1
Knitted outerwear and knitted gloves	108.0	105.8	106.8	93.6	234.0	220.1	216.7	172.1
Knitted underwear	90.6	91.2	90.6	84.3	200.4	196.1	189.7	157.2
Dyeing and finishing textiles, including woolen and worsted	95.9	95.4	94.2	83.6	186.8	187.6	178.8	144.6
Carpets and rugs, wool	96.1	94.7	92.7	69.4	182.5	173.0	165.2	113.7
Hats, fur-felt	78.0	61.8	73.7	63.8	181.3	137.9	152.0	124.8
Jute goods, except felts	105.7	103.7	104.9	95.3	237.4	225.8	217.2	190.3
Cordage and twine	125.5	122.8	118.8	114.2	266.2	255.9	229.3	218.0

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	135.3	132.9	126.7	115.3	288.2	277.5	244.7	208.4
Men's clothing, not elsewhere classified	90.2	90.2	87.7	82.5	186.8	182.7	166.8	141.4
Shirts, collars, and nightwear	77.3	77.3	76.4	68.8	167.6	162.7	155.3	126.1
Underwear and neckwear, men's	76.8	73.8	70.2	70.3	188.1	173.8	157.9	141.8
Work shirts	100.6	98.9	98.9	97.1	219.3	214.8	204.2	188.3
Women's clothing, not elsewhere classified	79.7	77.9	72.1	74.4	176.0	169.8	141.3	138.4
Corsets and allied garments	85.0	84.7	83.0	74.9	171.8	168.6	160.0	132.2
Millinery	79.6	77.1	70.5	74.5	149.3	138.7	123.3	131.1
Handkerchiefs	46.7	47.3	46.1	53.9	100.7	103.0	93.2	98.1
Curtains, draperies, and bedspreads 2/	82.9	82.0	82.8	57.8	175.1	169.5	171.5	111.0
House furnishings, other than curtains, etc.	103.7	104.8	100.2	76.4	218.1	214.6	198.3	131.0
Textile bags	112.2	113.7	122.1	120.5	210.0	203.2	208.1	205.7
LEATHER AND LEATHER PRODUCTS	102.4	102.0	102.3	88.0	203.3	198.2	197.3	160.2
Leather	89.1	88.6	88.1	82.1	160.2	161.1	156.5	146.3
Boot and shoe cut stock and findings	93.7	96.6	94.1	86.5	168.4	181.0	167.8	143.4
Boots and shoes	88.4	87.8	88.6	75.5	182.7	175.4	177.6	140.3
Leather gloves and mittens	109.3	111.5	113.4	109.4	220.6	214.7	217.1	195.3
Trunks and suitcases	175.0	177.9	173.0	130.8	333.6	333.0	303.6	212.8
FOOD	135.4	136.5	129.0	138.4	242.7	250.3	231.5	226.6
Slaughtering and meat packing	78.6	114.8	102.4	105.0	118.2	202.3	179.9	177.6
Butter	140.6	145.4	146.9	132.1	258.2	263.7	267.6	216.2
Condensed and evaporated milk	146.6	154.9	162.1	153.9	279.9	293.2	305.9	261.0
Ice cream	120.2	128.8	132.7	105.9	204.0	215.7	221.7	161.8
Flour	119.9	118.9	114.3	124.3	249.1	238.6	221.1	218.2
Feeds, prepared	136.2	145.7	140.6	149.2	261.1	275.2	251.0	267.2
Cereal preparations	146.4	135.1	127.4	126.9	269.2	244.4	219.5	243.9
Baking	104.6	102.7	101.4	108.8	187.5	184.1	178.5	173.6
Sugar refining, cane	90.0	98.8	100.0	92.3	142.0	162.5	167.5	145.3
Sugar, beet	76.1	64.8	43.6	72.5	151.1	107.2	72.0	108.9
Confectionery	104.7	97.7	92.5	102.0	204.2	186.0	169.7	175.4
Beverages, nonalcoholic	113.2	120.6	120.8	120.7	170.6	185.0	186.1	168.4
Malt liquors	150.2	145.2	144.0	153.0	244.2	232.3	222.3	242.6
Canning and preserving	181.4	153.5	136.8	176.3	465.4	387.4	325.8	351.6
TOBACCO MANUFACTURES	93.5	91.7	90.7	89.5	196.0	186.2	178.3	176.0
Cigarettes	122.5	121.3	122.5	127.2	226.6	218.0	211.1	214.1
Cigars	78.6	76.1	73.9	67.5	180.9	167.4	160.1	148.4
Tobacco (chewing and smoking) and snuff	82.8	83.6	83.1	95.2	150.7	149.3	140.5	164.6

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
PAPER AND ALLIED PRODUCTS	138.6	137.8	135.9	117.5	257.1	253.9	243.8	200.7
Paper and pulp	122.0	122.1	120.9	103.3	228.0	227.8	218.4	180.5
Paper goods, other	123.8	122.7	120.8	111.3	225.8	216.4	211.8	182.6
Envelopes	119.3	118.1	116.8	109.6	207.9	205.5	198.4	174.5
Paper bags	132.3	126.3	127.5	109.8	249.8	253.9	237.7	196.4
Paper boxes	126.3	126.1	123.8	111.1	235.8	234.1	222.6	185.5
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	117.9	117.3	116.8	98.8	195.9	190.5	186.0	147.7
Newspapers and periodicals	111.1	110.4	109.6	94.8	176.3	168.8	163.7	130.2
Printing, book and job	126.4	125.6	126.3	105.4	216.1	211.1	209.1	166.5
Lithographing	113.6	112.0	110.8	93.2	185.2	182.6	173.2	141.0
Bookbinding	123.6	124.4	121.0	102.0	247.5	250.9	240.7	184.7
CHEMICALS AND ALLIED PRODUCTS	167.9	164.9	163.7	172.1	298.3	290.5	286.9	292.2
Paints, varnishes, and colors	127.8	127.6	126.6	105.6	201.7	204.2	199.5	167.0
Drugs, medicines, and insecticides	190.6	189.2	187.5	171.2	317.0	314.0	307.0	265.0
Perfumes and cosmetics	118.0	121.4	121.4	120.1	195.2	191.8	191.4	178.9
Soap	104.5	103.8	103.2	97.6	173.2	171.7	170.2	170.2
Rayon and allied products	118.8	118.7	118.0	111.8	210.8	206.2	197.6	179.4
Chemicals, not elsewhere classified	167.6	168.5	168.4	160.5	289.6	288.0	289.2	273.6
Explosives and safety fuses	176.9	173.1	169.8	540.8	292.9	272.6	264.5	738.9
Compressed and liquefied gases	144.5	148.1	145.9	140.6	239.4	247.2	238.8	230.0
Ammunition, small-arms	174.1	115.6	178.0	316.2	339.3	201.4	335.7	561.8
Fireworks	272.5	254.7	244.4	281.8	698.3	623.1	622.1	755.3
Cottonseed oil	88.1	71.4	55.6	97.0	199.9	160.1	119.8	204.8
Fertilizers	118.9	111.5	102.7	111.2	297.6	275.4	246.4	261.0
PRODUCTS OF PETROLEUM AND COAL	143.8	143.4	142.7	123.3	250.3	246.3	244.3	212.1
Petroleum refining	137.0	137.4	137.4	120.4	232.7	228.7	228.0	203.5
Coke and by-products	119.4	119.2	117.8	101.9	218.1	216.8	215.1	181.6
Paving materials	97.2	92.5	86.7	71.4	196.9	189.2	174.2	142.0
Roofing materials	156.6	151.0	149.4	122.0	298.6	292.0	279.5	208.7
RUBBER PRODUCTS	190.1	187.5	180.2	136.5	365.0	343.2	327.2	231.3
Rubber tires and inner tubes	192.2	189.9	183.1	132.7	340.5	311.2	304.3	211.4
Rubber boots and shoes	120.7	121.3	118.4	99.4	242.5	240.2	226.6	185.6
Rubber goods, other	141.6	139.4	133.8	111.5	282.4	277.7	255.9	193.2
MISCELLANEOUS INDUSTRIES	174.9	173.9	169.2	136.5	334.9	326.9	311.8	239.2
Instruments (professional and scientific), and fire control equipment	188.8	191.3	191.6	236.8	330.7	330.4	327.0	372.7
Photographic apparatus	147.8	148.3	145.9	120.9	240.9	244.6	240.0	190.6
Optical instruments and ophthalmic goods	182.0	182.1	181.8	162.1	322.1	316.5	314.9	265.6
Pianos, organs, and parts	124.0	122.9	118.9	67.8	241.1	230.8	213.7	110.9
Games, toys, and dolls	125.9	122.1	111.3	68.7	258.8	252.1	222.1	134.3
Buttons	96.2	96.3	92.2	80.5	213.2	208.2	195.2	167.7
Fire extinguishers	212.3	209.1	202.1	252.1	414.7	405.8	397.1	463.4

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

1/ These indexes are based on reports from 33,200 cooperating establishments covering 7,268,000 full- and part-time production workers who worked or received pay during any part of one pay period ending nearest the 15th of September 1946. Indexes for the major industry groups have been adjusted to levels indicated by 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:

Metal doors, sash, frames, molding, and trim - August 1945 through June 1946 pay roll to 167.5, 148.1, 155.7, 155.9, 165.2, 158.0, 136.8, 157.9, 189.8, 159.6, and 175.3; January 1946 employment to 95.8, March to 93.0, May and June to 94.4 and 99.9.

Wrought pipe, welded and heavy-riveted - April and June 1946 pay roll to 274.3 and 229.0, respectively; June employment to 134.0.

Steel barrels, kegs, and drums - March through June 1946 pay roll to 148.7, 170.4, 192.0, and 190.3.

Curtains, draperies, and bedspreads - January through June 1946 employment to 70.1, 73.3, 74.1, 74.7, 76.6, and 81.6; pay roll to 138.8, 142.8, 151.6, 157.4, 162.7, and 175.3.

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

Industry Group and Industry	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
Mining 2/				
Anthracite	68.1	67.9	67.5	64.3
Bituminous coal	335	336	332	325
Metal:	73.7	72.8	68.8	63.7
Iron	27.7	28.1	27.4	23.7
Copper	21.5	21.2	20.4	18.8
Lead and zinc	14.9	13.8	11.5	13.2
Gold and silver	7.2	7.2	7.0	5.5
Miscellaneous	2.4	2.5	2.5	2.5
Telephone	575	575	565	424
Telegraph 3/	3/	42.1	42.3	45.6
Electric light and power	249	249	247	206
Street railways and busses	252	252	250	229
Hotels (year-round)	335	385	384	362
Power laundries	4/	4/	4/	4/
Cleaning and dyeing	4/	4/	4/	4/
Class I steam railroads 5/	1,362	1,368	1,350	1,414
Water transportation 6/	6/	119	120	168

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. September 1946 data are not available.
4/ The change in definition from "wage earner" to "production worker" in the power laundries and cleaning and dyeing industries results in the omission of driver-salesmen. This causes a significant difference in the data. New series are being prepared.
5/ Source: Interstate Commerce Commission.
6/ Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes vessels under bareboat charter to, or owned by the Army or Navy. September 1946 data are not available.

Table 4. - Percentage Changes in Employment and Pay Rolls in Selected Nonmanufacturing Industries September 1946

Industry Group and Industry	Employment Percentage change from		Pay Roll Percentage change from	
	Aug. 1946	Sept. 1945	Aug. 1946	Sept. 1945
Wholesale trade:	+ .2	+12.8	+ 3.1	+25.5
Food products	- 2.2	+ 6.1	- .6	+16.8
Groceries and food specialties	- 1.1	+ 7.3	+ 2.6	+22.4
Dry goods and apparel	+ .5	+12.0	+ 3.4	+32.0
Machinery, equipment and supplies	- 1.9	+11.9	+ 2.3	+25.0
Farm products	+13.6	+10.4	+ 8.7	+14.2
Petroleum and petroleum products (incl. bulk tank stations)	+ .4	+17.9	+ 4.7	+26.6
Automotive	+ 1.0	+29.9	+ 3.0	+43.8
Brokerage	- 2.1	+23.6	- 1.6	+29.1
Insurance	- 1.7	+17.0	- 1.2	+27.7

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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			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
Mining:								
Anthracite	82.2	82.0	81.4	77.6	191.1	193.3	156.5	149.8
Bituminous coal	90.4	90.7	89.5	87.6	232.9	238.9	198.4	199.7
Metal:	83.5	82.5	78.0	72.2	146.9	145.2	132.4	116.4
Iron	138.1	139.3	135.6	118.1	253.3	253.5	247.1	197.5
Copper	90.0	88.8	85.6	78.8	163.1	164.1	153.8	127.5
Lead and zinc	95.6	89.0	74.2	84.6	188.0	172.1	128.5	159.4
Gold and silver	29.0	29.1	28.5	22.3	42.5	43.5	38.5	28.4
Miscellaneous	60.4	63.7	62.5	63.6	97.6	103.0	96.7	104.6
Quarrying and nonmetallic	102.4	103.2	101.2	82.5	226.7	225.1	213.6	159.2
Crude petroleum production 2/	94.1	95.5	95.4	84.0	150.5	152.6	151.3	138.4
Public utilities:								
Telephone	181.0	181.1	177.7	133.5	265.0	267.6	268.8	181.7
Telegraph	5/	111.9	112.4	121.2	5/	178.5	178.6	177.2
Electric light and power	101.9	101.9	101.2	84.5	153.3	152.4	150.2	120.6
Street railways and busses	129.9	130.2	128.9	118.0	207.9	211.2	206.7	177.1
Wholesale trade	109.4	109.1	107.5	97.0	182.8	177.3	174.5	145.6
Retail trade:	109.8	106.7	106.2	97.6	180.9	174.6	172.6	138.7
Food	103.5	103.6	101.3	102.0	173.5	177.3	171.5	145.7
General merchandise	125.4	117.4	117.7	110.4	199.0	188.1	187.1	150.0
Apparel	116.7	105.8	107.9	106.4	197.5	175.9	177.5	155.0
Furniture and house furnishings	81.5	79.5	78.1	63.2	139.1	129.9	129.6	92.1
Automotive	95.5	94.4	93.4	72.3	164.8	160.1	156.8	113.5
Lumber and building materials	113.8	112.6	111.1	96.1	191.4	186.1	180.1	146.7
Hotels (year-round) 3/	119.5	119.3	119.1	112.2	209.6	206.9	204.9	177.2
Power laundries	109.9	111.6	113.6	106.6	188.7	188.4	193.3	168.1
Cleaning and dyeing	125.6	124.5	130.0	122.3	227.2	216.9	231.3	199.2
Class I steam railroads 4/	137.9	138.5	136.6	143.1	5/	5/	5/	5/
Water transportation 6/	5/	225.9	228.2	320.5	5/	478.3	490.1	669.6

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 September 1946, as follows:
Mining - 2,800 establishments - 346,000 production workers.
Public utilities - 3,400 establishments - 741,000 employees.
Wholesale trade - 12,000 establishments - 324,000 employees.
Retail trade - 39,800 establishments - 1,042,000 employees.
Hotels (year-round) - 1,300 establishments - 129,000 employees.
Power laundries and cleaning and dyeing - 1,500 establishments - 72,000 production workers.

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.

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

(In thousands)

Industry Division	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
Total 1/	40,146	39,865	39,260	36,398
Manufacturing 2/	14,752	14,578	14,245	13,159
Mining	824	828	815	784
Contract construction and Federal force-account construction	2,094	2,091	1,976	945
Transportation and public utilities	3,949	3,998	3,963	3,831
Trade	7,924	7,816	7,740	7,143
Finance, service, and miscellaneous	5,155	5,160	5,152	4,603
Federal, State and local government, excluding Federal force-account construction	5,448	5,394	5,369	5,933

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 and are comparable with the estimates shown in tables 1 and 7.

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

Industry Group	All Employees 2/ (In thousands)			
	Sept. 1946	Aug. 1946	July 1946	Sept. 1945
All manufacturing	14,752	14,578	14,245	13,159
Durable goods	7,390	7,284	7,114	6,561
Nondurable goods	7,362	7,294	7,131	6,598
Iron and steel and their products	1,710	1,684	1,640	1,480
Electrical machinery	705	686	670	621
Machinery, except electrical	1,380	1,358	1,335	1,210
Transportation equipment, except automobiles	577	585	596	1,016
Automobiles	936	895	862	562
Nonferrous metals and their products	460	455	441	372
Lumber and timber basic products	687	689	667	561
Furniture and finished lumber products	463	463	450	366
Stone, clay, and glass products	472	469	453	373
Textile-mill products and other fiber manufactures	1,321	1,304	1,290	1,148
Apparel and other finished textile products	1,217	1,191	1,140	1,034
Leather and leather products	394	393	394	341
Food	1,554	1,555	1,490	1,543
Tobacco manufactures	100	99	98	96
Paper and allied products	446	443	437	382
Printing, publishing, and allied industries	640	636	632	553
Chemicals and allied products	639	628	626	653
Products of petroleum and coal	214	215	215	189
Rubber products	283	279	269	211
Miscellaneous industries	554	551	540	448

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.

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

Region and State	All industry divisions			Manufacturing		
	Aug. 1946	July 1946	Aug. 1945	Aug. 1946	July 1946	Aug. 1945
New England 1/	2,945	2,910	2,839	1,513	1,476	1,462
Maine 2/	241	232	237	119	110	115
New Hampshire 2/	149	147	133	79.5	77.3	72.2
Vermont 2/	88.8	87.8	81.5	41.3	40.5	40.2
Massachusetts 3/	1,505	1,501	1,492	736	724	733
Rhode Island 3/	263	258	249	141	138	127
Connecticut 3/	698	684	646	396	386	375
Middle Atlantic 1/	8,917	8,785	8,775	3,933	3,844	4,030
New York 3/	4,458	4,372	4,353	1,853	1,797	1,868
New Jersey 3/	1,370	1,357	1,411	711	699	791
Pennsylvania 3/	3,089	3,056	3,011	1,369	1,348	1,371
East North Central	8,591	8,461	8,074	4,152	4,069	4,092
Ohio 1/4/	2,324	2,277	2,228	1,174	1,141	1,177
Indiana	969	946	967	459	444	475
Illinois 1/3/	2,809	2,774	2,628	1,135	1,115	1,119
Michigan 1/3/	1,695	1,665	1,496	995	969	908
Wisconsin 1/3/	794	799	755	389	400	413
West North Central 1/	2,825	2,785	2,737	803	785	895
Minnesota 3/	672	663	615	195	193	206
Iowa 5/	459	450	428	139	132	136
Missouri 6/	931	924	915	332	327	360
North Dakota 5/	81.2	79.5	71.6	6.5	6.2	5.7
South Dakota 5/	90.3	88.8	80.6	9.5	9.5	9.7
Nebraska 5/	248	243	254	43.3	41.5	57.4
Kansas 3/	343	337	373	78.1	76.1	120
South Atlantic	4,441	4,341	4,413	1,515	1,481	1,547
Delaware 1/3/	95.6	92.5	89.6	49.4	46.5	46.6
Maryland 1/3/	638	619	663	249	238	274
District of Columbia 1/7/	467	465	461	16.4	16.1	14.1
Virginia 1/3/	640	632	663	205	200	200
West Virginia 1/4/	420	410	411	133	129	133
North Carolina	739	707	692	345	344	334
South Carolina 1/8/	365	353	366	184	180	169
Georgia 1/8/	629	615	638	259	253	276
Florida 1/8/	447	447	429	74.3	73.9	100
East South Central 1/	1,729	1,704	1,667	666	655	685
Kentucky 4/	427	424	411	125	124	128
Tennessee 8/	556	548	509	245	240	252
Alabama 8/	502	496	513	210	208	221
Mississippi 8/	244	236	234	86.4	83.0	83.8
West South Central 1/	2,422	2,406	2,435	566	558	682
Arkansas 3/	237	233	250	67.8	65.6	74.3
Louisiana 3/	441	443	458	128	132	153
Oklahoma 6/	350	342	353	54.6	52.4	86.3
Texas 3/	1,394	1,388	1,374	316	308	368

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Table 2. - Estimated Number of Employees in Nonagricultural Establishments, by State Cont'd
(In thousands)

Region and State	All industry divisions			Manufacturing		
	Aug. 1946	July 1946	Aug. 1945	Aug. 1946	July 1946	Aug. 1945
Mountain 1/	956	939	908	147	146	156
Montana 3/	122	120	110	16.4	15.9	14.7
Idaho 9/	102	99.7	92.8	19.7	19.3	17.2
Wyoming 9/	63.3	62.2	64.7	6.2	6.1	5.4
Colorado 9/	284	277	264	55.6	53.2	57.8
New Mexico 9/	88.6	87.9	83.1	9.3	9.3	8.7
Arizona 10/	105	103	106	11.8	11.7	21.7
Utah 3/	146	145	144	24.9	27.2	27.2
Nevada 10/	45.2	43.9	43.3	2.9	2.8	2.8
Pacific 1/	3,423	3,358	3,377	1,026	979	1,305
Washington 3/	543	538	612	164	162	258
Oregon 10/	325	318	343	128	122	183
California 3/	2,555	2,502	2,422	734	695	899

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 Publication, New York State Dept. of Labor, Albany 1.
Pennsylvania - Federal Reserve Bank of Philadelphia, 925 Chestnut Street, Philadelphia 1.
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.
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.
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.

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Table 9.— Employment and Pay Rolls in Regular Federal Services and in Government Corporations, September 1946 1/

(In thousands)

Branch	Employment 2/			Pay rolls 3/		
	September 1946 4/	August 1946 4/	September 1945	September 1946 4/	August 1946 4/	September 1945
Total	2,555.4	2,661.9	3,727.5	$ 513,409	$ 530,631	$ 631,011
Executive 5/	2,512.5	2,618.8	3,683.7	504,554	521,859	622,992
Washington, D. C. Metropolitan area	232.6	234.8	251.1	55,245	57,135	52,953
War agencies 7/	86.3	86.9	121.0	19,538	20,994	24,071
Other agencies	146.3	147.9	130.1	35,707	36,141	28,882
Other areas	2,279.9	2,384.0	3,432.6	449,309	464,724	570,039
War agencies 6/	1,272.6	1,383.9	2,626.3	233,558	250,438	410,550
Continental United States	988.0	1,042.5	1,786.4	203,995	220,229	346,657
Outside Continental United States 7/	284.6	341.4	839.9	29,564	30,209	63,893
Other agencies	1,007.3	1,000.1	804.3	215,751	214,286	159,489
Continental United States	979.6	972.9	779.9	209,189	207,812	154,532
Outside Continental United States 7/	27.6	27.2	24.4	6,562	6,474	4,958
Legislative	6.8	6.7	6.4	2,111	2,106	1,749
Judicial	3.1	3.0	2.9	1,136	1,009	781
Government corporations 8/	33.0	33.3	34.5	5,608	5,657	5,489

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/ Subject to revision.
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 preciously were working on a contract basis. Data exclude substitute rural mail carriers.
6/ Covers War and Navy Departments, Maritime Commission, National Advisory Committee for Aeronautics, The Panama Canal, and the emergency war agencies.
7/ Includes Alaska and the Panama Canal Zone.
8/ 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 "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.

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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	September 1946 (preliminary)	August 1946 (preliminary)	September 1945
Personnel, total 2/	2,501	2,808	12,082
Army	1,731	1,815	8,023
Navy	770	993	4,059
Men	2,465	2,758	11,814
Women	36	50	268
Pay, total	$525,725	$559,340	$1,721,218
Army	315,058	311,566	1,102,390
Navy	210,667	247,774	618,828
Pay rolls 3/	396,718	413,956	1,340,144
Mustering-out pay	90,978	104,420	123,538
Family allowances 4/	38,029	40,964	257,535

Prepared in the Division of Construction and Public Employment

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

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Table 11.--Total Employment in United States Navy Yards and private Shipyards Within Continental United States by Shipbuilding Region, September 1946

Shipbuilding region	Employment (in thousands)		
	September 1946 1/	August 1946	September 1945
All regions	258.9	294.0	761.4
U. S. navy yards 2/	97.8	111.4	261.2
Private shipyards	161.1	182.6	500.2
North Atlantic	119.5	132.3	316.2
South Atlantic	33.4	35.1	79.1
Gulf	24.5	27.6	83.7
Pacific	73.3	90.1	262.4
Great Lakes	5.4	5.5	11.8
Inland	2.8	3.3	8.2

Prepared in the Division of Construction and Public Employment

1/ Preliminary.

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

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Table 12.--Estimated Employment and Pay Rolls on Construction in Continental Uninted States, September 1945, and August and September 1946

Type of project	Employment (In thousands)			Pay rolls (In thousands)		
	September 1946 1/	August 1946 2/	September 1945 2/	September 1946 1/	August 1946 2/	September 1945 2/
New Construction, total 3/	2,302.2	2,300.4	1,097.0	4/	4/	4/
At the construction site	2,020.7	2,020.6	973.8	4/	4/	4/
Federal projects 5/	6/ 210.1	6/ 194.3	6/ 157.5	7/$44,025	7/$40,643	7/$27,982
Airports	2.3	3.5	6.8	448	744	1,424
Buildings	109.7	93.7	105.7	22,433	18,602	17,974
Residential	87.0	71.2	9.9	18,551	14,867	2,176
Nonresidential	6/ 22.7	6/ 22.5	6/ 95.8	7/ 3,882	7/ 3,735	7/ 15,798
Electrification	5.5	5.6	.8	825	849	144
Reclamation	9.1	9.3	6.1	2,050	2,201	1,350
River, harbor, and flood control	26.4	23.6	16.5	5,799	4,971	3,316
Streets and highways	51.1	53.1	11.7	11,288	12,195	2,091
Water and sewer systems	1.3	1.3	2.4	263	250	409
Miscellaneous	4.7	4.2	7.5	919	781	1,274
Non-Federal projects	1,810.6	1,826.3	816.3	4/	4/	4/
Buildings	1,281.4	1,283.8	488.4	313,185	315,615	112,820
Residential	604.6	608.7	186.7	4/	4/	4/
Nonresidential	677.4	675.1	301.7	4/	4/	4/
Farm dwellings and service buildings	186.8	197.0	135.5	4/	4/	4/
Public utilities	145.6	152.4	121.9	4/	4/	4/
Streets and highways	95.0	95.6	41.1	4/	4/	4/
State	30.0	30.2	18.9	4/	4/	4/
County and municipal	65.0	65.4	22.2	4/	4/	4/
Miscellaneous	101.8	97.5	29.4	4/	4/	4/
Other 9/	281.5	279.8	123.2	4/	4/	4/
Maintenance of State roads 10/	110.0	115.2	90.4	4/	4/	4/

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: September 1945, 17,523, $3,321,042; August 1946, 20,575, $3,952,943; September 1946, 21,016, $4,062,216. 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: September 1945, 23,000; August 1946, 2,500; September 1946, 1,800.

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.

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