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EMPLOYMENT AND PAY ROLLS

Detailed Report

July 1945

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

Industry Group or Industry	July 1945	June 1945	May 1945	July 1944
ALL MANUFACTURING 1/	11,928	12,326	12,579	13,742
DURABLE GOODS 1/	6,782	7,109	7,370	8,279
NONDURABLE GOODS 1/	5,146	5,217	5,209	5,463
<u>Durable Goods</u>				
IRON AND STEEL AND THEIR PRODUCTS 1/	1,503	1,577	1,631	1,696
Blast furnaces, steel works, and rolling mills	461.7	470.0	473.8	481.0
Gray-iron and semi-steel castings	70.0	71.4	72.2	72.6
Malleable-iron castings	23.1	24.2	24.5	24.3
Steel castings	60.4	64.1	69.3	73.5
Cast-iron pipe and fittings	15.1	16.0	16.2	15.5
Tin cans and other tinware	42.3	42.3	41.3	41.2
Wire drawn from purchased rods	29.3	31.1	31.7	32.9
Wirework	30.1	31.8	32.6	35.5
Cutlery and edge tools	21.8	23.0	23.5	22.8
Tools (except edge tools, machine tools, files, and saws)	25.3	26.2	26.3	27.1
Hardware	42.5	44.6	45.2	45.8
Plumbers' supplies	21.8	22.2	22.5	22.7
Stoves, oil burners, and heating equipment not elsewhere classified	57.2	58.6	60.6	63.7
Steam and hot-water heating apparatus and steam fittings	47.9	50.1	53.3	55.5
Stamped and enameled ware and galvanizing	80.4	83.5	85.0	89.0
Fabricated structural and ornamental metalwork	55.1	59.7	63.5	76.1
Metal doors, sash, frames, molding, and trim	8.6	8.6	10.0	13.4
Bolts, nuts, washers, and rivets	22.3	23.1	23.3	26.3
Forgings, iron and steel	30.4	33.0	34.1	35.5
Wrought pipe, welded and heavy riveted	21.6	22.6	23.2	26.2
Screw-machine products and wood screws	37.5	39.7	41.5	45.0
Steel barrels, kegs, and drums	8.2	8.5	8.3	6.9
Firearms	19.3	24.0	29.0	44.5
ELECTRICAL MACHINERY 1/	636	668	681	749
Electrical equipment	385.3	403.1	411.2	449.8
Radios and phonographs	105.4	110.3	113.3	127.1
Communication equipment	94.5	101.1	102.3	112.3

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

Industry Group or Industry	July 1945	June 1945	May 1945	July 1944
MACHINERY, EXCEPT ELECTRICAL ^{1/}	1,069	1,106	1,126	1,214
Machinery and machine-shop products	410.1	424.1	432.4	462.2
Engines and turbines	59.7	61.9	63.2	70.2
Tractors	53.3	54.2	54.3	60.0
Agricultural machinery, excluding tractors	40.6	41.6	41.6	45.4
Machine tools	63.8	71.5	72.7	77.0
Machine-tool accessories	50.6	61.3	62.9	67.8
Textile machinery	24.9	25.8	26.2	26.8
Pumps and pumping equipment	64.3	66.4	67.7	79.0
Typewriters	12.7	13.0	13.0	11.3
Cash registers, adding and calculating machines	23.6	28.3	28.5	32.2
Washing machines, wringers and driers, domestic	11.1	11.5	12.5	13.6
Sewing machines, domestic and industrial	10.0	10.3	10.5	9.4
Refrigerators and refrigeration equipment	45.8	47.6	49.0	52.9
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES ^{1/}	1,526	1,626	1,774	2,313
Locomotives	30.8	32.3	33.2	35.6
Cars, electric- and steam- railroad	57.7	58.2	59.4	58.7
Aircraft and parts, excluding aircraft engines	470.5	506.8	575.4	692.2
Aircraft engines	136.2	175.4	192.7	247.9
Shipbuilding and boatbuilding	691.0	738.7	786.6	1,116.7
Motorcycles, bicycles, and parts	9.2	9.5	9.5	9.4
AUTOMOBILES ^{1/}	582	621	645	703
NONFERROUS METALS AND THEIR PRODUCTS ^{1/}	371	396	407	423
Smelting and refining, primary, of nonferrous metals	33.2	36.0	38.6	40.3
Alloying and rolling and drawing of nonferrous metals except aluminum	33.1	63.1	70.9	68.1
Clocks and watches	22.6	24.3	25.3	25.5
Jewelry (precious metals) and jewelers' findings	12.9	13.2	13.1	13.7
Silverware and plated ware	10.6	11.0	10.9	10.6
Lighting equipment	23.1	25.4	26.9	26.5
Aluminum manufactures	61.2	66.8	69.8	72.7
Sheet-metal work, not elsewhere classified	29.9	31.1	31.2	32.3

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

Industry Group or Industry	July 1945	June 1945	May 1945	July 1944
LUMBER AND TIMBER BASIC PRODUCTS ^{1/}	455	458	457	496
Sawmills and logging camps	215.1	217.1	216.7	237.5
Planing and plywood mills	67.4	67.9	67.7	71.3
FURNITURE AND FINISHED LUMBER PRODUCTS ^{1/}	321	329	329	346
Mattresses and bedsprings	16.9	17.7	17.1	16.9
Furniture	143.9	147.5	147.9	156.5
Wooden boxes, other than cigar	25.7	26.1	26.2	26.2
Caskets and other morticians' goods	11.8	11.8	12.0	12.7
Wood preserving	10.0	10.0	10.0	10.2
Wood, turned and shaped	20.8	21.2	21.2	21.9
STONE, CLAY, AND GLASS PRODUCTS ^{1/}	321	326	320	337
Glass and glassware	66.3	68.4	66.6	91.3
Glass products made from purchased glass	10.7	11.0	10.9	10.3
Cement	17.5	16.9	16.5	17.4
Brick, tile, and terra cotta	41.7	41.5	40.3	42.8
Pottery and related products	37.5	36.6	37.0	41.4
Gypsum	4.0	4.0	4.0	4.1
Wallboard, plaster (except gypsum), and mineral wool	9.3	9.3	9.3	9.7
Lime	7.5	7.6	7.7	8.2
Marble, granite, slate, and other products	13.1	13.1	13.1	13.1
Abrasives	20.5	21.2	21.2	21.3
Asbestos products	19.1	19.3	19.4	20.6
<u>Nondurable Goods</u>				
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES ^{1/}	1,034	1,055	1,050	1,104
Cotton manufactures, except small wares	408.9	413.8	411.4	434.2
Cotton small wares	13.0	13.4	13.4	13.1
Silk and rayon goods	64.5	66.4	65.6	68.5
Woolen and worsted manufactures, except dyeing and finishing	135.1	140.4	140.6	145.9
Hosiery	94.8	97.0	96.2	104.7
Knitted cloth	9.9	10.1	10.0	10.4
Knitted outerwear and knitted gloves	26.1	27.4	27.5	26.8
Knitted underwear	33.2	33.6	33.1	35.2
Dyeing and finishing textiles, including woolen and worsted	56.5	57.2	57.2	60.1
Carpets and rugs, wool	19.0	19.5	19.2	19.9
Hats, fur-felt	8.6	8.9	9.0	9.2
Jute goods, except felts	3.2	3.2	3.2	3.2
Cordage and twine	14.2	14.3	14.5	15.3

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

Industry Group or Industry	July 1945	June 1945	May 1945	July 1944
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS 1/	761	807	814	853
Men's clothing, not elsewhere classified	188.0	196.3	195.6	208.2
Shirts, collars, and nightwear	48.0	48.5	47.9	53.2
Underwear and neckwear, men's	11.6	11.9	11.8	11.9
Work shirts	14.2	14.5	14.3	15.1
Women's clothing, not elsewhere classified	175.2	194.4	200.3	205.0
Corsets and allied garments	13.3	14.0	14.1	14.4
Millinery	16.3	16.0	16.8	17.4
Handkerchiefs	2.5	2.4	2.5	2.9
Curtains, draperies, and bedspreads	10.2	10.7	10.7	13.3
House furnishings, other than curtains, etc.	10.8	11.2	11.2	10.4
Textile bags	12.6	14.9	14.8	14.0
LEATHER AND LEATHER PRODUCTS 1/	307	312	307	316
Leather	38.3	39.1	38.6	40.0
Boot and shoe cut stock and findings	16.1	16.2	16.1	16.1
Boots and shoes	169.3	171.5	169.7	174.0
Leather gloves and mittens	11.3	11.7	11.6	12.6
Trunks and suitcases	12.7	12.7	11.9	12.1
FOOD 1/	1,054	997	978	1,132
Slaughtering and meat packing	127.4	127.7	124.4	158.7
Butter	25.3	25.2	24.5	24.8
Condensed and evaporated milk	16.2	16.4	15.7	15.8
Ice cream	17.7	16.9	16.0	18.0
Flour	30.1	29.6	28.8	29.0
Feeds, prepared	22.2	22.4	21.0	19.9
Cereal preparations	9.3	9.3	9.3	9.3
Baking	250.1	254.7	254.7	258.4
Sugar refining, cane	13.2	14.0	14.7	15.2
Sugar, beet	4.4	4.3	4.5	4.0
Confectionery	49.0	53.7	54.0	54.2
Beverages, nonalcoholic	26.5	26.4	26.4	32.2
Malt liquors	52.9	51.6	50.1	53.3
Canning and preserving	166.3	105.9	98.7	177.2
TOBACCO MANUFACTURES 1/	78	80	80	83
Cigarettes	33.9	33.9	33.9	35.0
Cigars	30.5	33.0	32.6	34.7
Tobacco (chewing and smoking) and snuff	8.4	8.3	6.3	7.8

6.
Table 1.—Estimated Number of Production Workers in Manufacturing Industries 1/Cont'd
(In thousands)

Industry Group or Industry	July 1945	June 1945	May 1945	July 1944
PAPER AND ALLIED PRODUCTS <u>1/</u>	302	308	304	317
Paper and pulp	142.1	144.2	142.7	146.3
Paper goods, other	41.9	43.4	43.1	45.9
Envelopes	9.2	9.4	9.2	9.5
Paper bags	12.3	12.7	12.6	13.6
Paper boxes	75.3	76.7	75.3	79.3
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES <u>1/</u>	317	320	320	323
Newspapers and periodicals	107.7	109.4	109.2	109.7
Printing, book and job	131.1	131.1	131.3	135.0
Lithographing	24.2	24.1	24.1	25.1
Bookbinding	26.7	27.3	27.2	28.2
CHEMICALS AND ALLIED PRODUCTS <u>1/</u>	587	612	623	584
Paints, varnishes, and colors	28.9	29.1	28.8	30.0
Drugs, medicines, and insecticides	50.2	50.3	50.0	50.5
Perfumes and cosmetics	12.5	12.3	12.2	11.9
Soap	13.0	13.1	13.2	13.5
Rayon and allied products	53.6	53.8	53.1	52.7
Chemicals, not elsewhere classified	113.0	114.7	114.1	116.9
Explosives and safety fuses	87.6	94.6	97.9	76.0
Compressed and liquefied gases	5.9	6.0	5.9	6.1
Ammunition, small-arms	57.4	64.3	66.1	48.1
Fireworks	17.5	20.0	22.0	30.5
Cottonseed oil	11.6	12.1	13.3	11.3
Fertilizers	19.3	20.9	23.7	18.6
PRODUCTS OF PETROLEUM AND COAL <u>1/</u>	135	134	134	134
Petroleum refining	93.0	92.7	92.2	90.5
Coke and by-products	21.8	21.8	21.8	23.1
Paving materials	1.8	1.7	1.7	1.8
Roofing materials	9.4	9.4	9.2	9.7
RUBBER PRODUCTS <u>1/</u>	183	188	191	194
Rubber tires and inner tubes	87.7	90.2	91.6	89.6
Rubber boots and shoes	16.8	17.0	16.8	19.6
Rubber goods, other	68.0	67.9	69.4	71.9
MISCELLANEOUS INDUSTRIES <u>1/</u>	358	404	408	420
Instruments (professional and scientific), and fire control equipment	52.3	56.6	59.1	62.2
Photographic apparatus	26.3	27.0	27.3	29.6
Optical instruments and ophthalmic goods	20.8	22.7	23.2	23.9
Pianos, organs, and parts	7.7	8.0	7.8	6.1
Games, toys, and dolls	14.5	15.1	15.4	16.4
Buttons	9.0	9.2	9.5	9.2
Fire extinguishers	4.2	4.3	4.5	5.6

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 1943 data made available by the Bureau of Employment Security of the Federal Security Agency and should not be compared with the manufacturing employment estimates of production workers plus salaried employees appearing in Table 6. Data for 15 major groups are not comparable with data published in mimeographed releases dated prior to September 1945 or the October 1945 issue of the Monthly Labor Review. Comparable data from January, 1939 are available upon request. Five major groups, Furniture and finished lumber products, Stone, clay and glass products, Tobacco manufactures, Chemicals and allied products, and Products of petroleum and coal, needed no further adjustment and are therefore comparable with the data previously published. 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 totals shown for the major industry groups.

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			
	July 1945	June 1945	May 1945	July 1944	July 1945	June 1945	May 1945	July 1944
ALL MANUFACTURING 1/	145.6	150.5	153.6	167.7	286.5	302.5	307.0	331.7
DURABLE GOODS 1/	187.8	196.9	204.1	229.3	372.7	399.8	413.3	461.4
NONDURABLE GOODS 1/	112.3	113.9	113.7	119.3	202.2	207.3	202.9	204.9
<u>Durable Goods</u>								
IRON AND STEEL AND THEIR PRODUCTS 1/	151.6	159.1	164.5	171.3	279.2	298.5	308.8	314.1
Blast furnaces, steel works, and rolling mills	118.9	121.0	122.0	123.8	215.3	222.8	227.1	224.9
Gray-iron and semi-steel castings	119.8	122.2	123.5	124.2	239.9	250.0	251.0	243.6
Malleable-iron castings	127.9	134.0	135.9	134.8	249.5	277.7	279.1	273.5
Steel castings	200.6	213.2	220.3	244.4	345.4	389.4	421.8	434.4
Cast-iron pipe and fittings	91.4	96.7	97.8	93.6	183.6	198.5	192.2	177.0
Tin cans and other tinware	133.0	133.2	129.9	129.7	231.8	229.8	213.1	212.1
Wire drawn from purchased rods	133.2	141.6	144.2	149.9	217.4	231.4	239.6	240.3
Wirework	99.1	104.6	107.2	116.7	196.0	204.2	208.9	236.5
Cutlery and edge tools	141.1	149.0	152.7	148.0	289.9	304.6	308.2	304.2
Tools (except edge tools, machine tools, files, and saws)	165.2	171.4	171.7	177.2	311.9	326.4	322.8	327.8
Hardware	119.1	125.0	126.8	138.4	243.3	263.0	268.4	257.6
Plumbers' supplies	88.3	89.9	91.4	92.3	158.9	163.2	171.7	164.2
Stoves, oil burners, and heating equipment not elsewhere classified	124.0	127.1	131.4	138.1	233.5	243.9	246.9	252.3
Steam and hot-water heating apparatus and steam fittings	158.0	165.2	176.0	183.1	292.2	320.4	334.4	338.4
Stamped and enameled ware and galvanizing	144.8	150.4	153.0	160.2	282.3	304.1	312.5	319.8
Fabricated structural and ornamental metalwork	155.0	168.0	178.8	214.1	278.8	317.8	340.8	417.6
Metal doors, sash, frames, molding, and trim	110.6	111.1	128.6	173.3	210.7	216.0	239.6	335.7
Bolts, nuts, washers, and rivets	156.2	161.7	163.0	184.0	290.7	323.3	328.1	340.5
Forgings, iron and steel	197.7	214.9	221.6	230.7	373.7	422.4	431.5	441.7
Wrought pipe, welded and heavy riveted	258.0	270.1	276.8	313.3	565.5	593.6	585.5	600.6
Screw-machine products and wood screws	221.8	254.5	245.4	265.7	427.3	463.5	476.7	507.7
Steel barrels, kegs, and drums	135.2	139.2	136.0	113.8	288.0	308.5	260.8	214.7
Firearms	385.8	479.3	579.8	889.7	847.0	1057.0	1298.6	1998.0
ELECTRICAL MACHINERY 1/	245.6	257.9	263.0	289.2	445.0	474.0	484.8	513.9
Electrical equipment	213.2	223.0	227.5	248.8	337.0	415.1	425.5	450.6
Radios and phonographs	242.2	253.5	260.4	292.2	463.4	486.3	501.1	542.4
Communication equipment	294.2	314.9	318.4	349.5	507.3	532.2	535.0	558.3

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	July 1945	June 1945	May 1945	July 1944	July 1945	June 1945	May 1945	July 1944
MACHINERY, EXCEPT ELECTRICAL <u>1/</u>	202.2	209.3	213.1	229.8	371.6	393.9	392.1	421.8
Machinery and machine-shop products	202.7	209.6	213.7	228.4	365.9	386.4	386.4	406.6
Engines and turbines	319.8	332.0	338.6	376.3	640.6	679.9	682.9	783.7
Tractors	170.6	173.2	173.8	191.7	271.9	278.2	272.0	293.4
Agricultural machinery, excluding tractors	146.6	149.5	149.4	163.2	295.7	306.3	288.7	334.0
Machine tools	187.7	195.2	198.4	210.2	328.8	353.4	347.6	370.6
Machine-tool accessories	233.1	243.7	249.8	269.5	388.3	421.5	429.9	457.9
Textile machinery	113.8	118.0	119.4	122.3	210.9	227.7	223.9	225.7
Pumps and pumping equipment	265.1	274.0	279.3	326.0	542.8	584.7	576.2	676.1
Typewriters	78.6	80.4	79.9	69.4	158.6	167.7	166.0	140.2
Cash registers, adding and calculating machines	136.0	143.9	144.7	163.6	266.4	278.5	273.8	315.2
Washing machines, wringers and driers, domestic	148.7	153.6	167.3	182.1	259.6	281.3	287.7	326.9
Sewing machines, domestic and industrial	127.0	131.1	134.4	120.2	260.8	271.4	270.7	246.9
Refrigerators and refrigeration equipment	130.3	135.3	139.4	150.4	228.7	242.6	249.9	251.1
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES <u>1/</u>	961.1	1025.4	1117.7	1457.3	1999.9	2152.8	2322.6	2979.8
Locomotives	475.9	499.7	512.5	550.7	1001.5	1086.4	1167.8	1183.3
Cars, electric- and steam- railroad	235.4	237.3	242.2	239.4	448.5	472.0	485.4	466.9
Aircraft and parts, excluding aircraft engines	1185.9	1277.3	1450.4	1744.7	2307.1	2542.5	2837.0	3337.8
Aircraft engines	1869.5	1949.7	2167.0	2787.9	3042.5	3231.9	3703.0	4761.1
Shipbuilding and boatbuilding	997.9	1066.8	1131.6	1612.7	2193.4	2327.7	2433.6	3386.5
Motorcycles, bicycles and parts	132.3	135.9	135.6	134.5	252.0	257.6	265.9	249.4
AUTOMOBILES <u>1/</u>	144.6	154.3	160.2	174.7	243.7	272.6	283.2	314.0
NONFERROUS METALS AND THEIR PRODUCTS <u>1/</u>	162.0	172.7	177.7	184.4	302.7	327.0	336.5	342.1
Smelting and refining, primary, of nonferrous metals	138.3	140.6	139.8	174.7	267.5	262.1	261.5	324.8
Alloying and rolling and drawing of nonferrous metals except aluminum	162.6	175.5	182.6	175.5	293.8	328.4	340.7	320.1
Clocks and watches	111.5	119.9	124.6	125.9	234.2	251.7	265.1	255.4
Jewelry (precious metals) and jewelers' findings	89.6	91.3	91.1	94.9	148.1	161.0	158.5	149.4
Silverware and plated ware	87.1	90.5	89.5	87.6	153.0	162.5	162.4	158.2
Lighting equipment	112.7	124.2	131.5	129.4	204.0	232.2	242.0	218.9
Aluminum manufactures	260.0	283.5	296.3	308.9	449.9	497.4	523.5	550.5
Sheet-metal work, not elsewhere classified	159.4	166.0	166.2	172.1	306.7	323.8	320.0	322.5

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	July 1945	June 1945	May 1945	July 1944	July 1945	June 1945	May 1945	July 1944
LUMBER AND TIMBER BASIC PRODUCTS 1/	107.9	108.9	108.8	113.0	192.9	209.6	203.1	213.2
Sawmills and logging camps	74.7	75.4	75.3	82.5	133.9	147.6	142.4	151.5
Planing and plywood mills	92.7	93.4	93.2	98.2	160.0	167.4	164.0	165.5
FURNITURE AND FINISHED LUMBER PRODUCTS 1/	98.0	100.2	100.2	105.4	181.3	189.1	187.7	187.0
Mattresses and bedsprings	92.2	96.3	93.2	92.0	163.9	176.1	163.5	155.2
Furniture	90.4	92.7	92.9	98.3	165.7	173.3	173.0	173.9
Wooden boxes, other than cigar caskets and other morticians' goods	101.3	102.9	103.5	111.1	205.5	212.4	207.9	213.7
Wood preserving	94.6	95.0	96.1	101.3	164.3	165.0	172.5	162.0
Wood, turned and shaped	88.6	88.8	88.5	90.3	194.8	198.1	195.6	193.0
	94.7	96.5	96.3	99.7	173.6	130.3	174.9	176.2
STONE, CLAY, AND GLASS PRODUCTS 1/	109.3	111.0	109.1	114.7	187.7	192.0	187.9	186.2
Glass and glassware	123.6	126.6	124.0	130.7	193.5	200.8	199.8	197.1
Glass products made from purchased glass	106.6	109.7	108.9	103.4	120.9	190.2	191.4	165.5
Cement	73.4	71.1	68.6	73.2	127.5	120.8	114.0	112.3
Brick, tile, and terra cotta	73.4	75.0	71.0	75.5	127.4	126.2	121.1	121.5
Pottery and related products	113.2	116.5	114.6	125.0	176.3	186.1	183.6	187.0
Gypsum	80.9	81.9	80.1	82.7	141.2	142.8	133.5	140.9
Wallboard, plaster (except gypsum), and mineral wool lime	114.6	114.1	114.3	119.1	221.5	213.8	209.9	217.6
Marble, granite, slate, and other products	78.8	80.2	80.9	86.4	161.9	164.3	159.2	167.3
Abrasives	70.7	70.7	70.7	70.7	113.8	114.1	109.7	105.8
Asbestos products	265.4	273.5	273.5	275.3	458.1	492.0	431.0	452.6
	120.0	121.3	122.4	129.4	252.8	254.8	246.7	253.2
Nondurable Goods								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES 1/	90.4	92.2	91.0	96.5	169.9	174.6	166.6	170.7
Cotton manufactures, except small wares	103.3	104.5	103.9	109.6	209.8	210.3	200.2	206.6
Cotton small wares	97.8	100.6	100.7	98.1	187.2	198.4	186.9	174.7
Silk and rayon goods	70.5	72.1	71.4	73.9	138.4	142.1	133.7	130.7
Woolen and worsted manufactures, except dyeing and finishing	90.5	94.1	94.2	97.8	177.2	186.7	173.9	184.3
Hosiery	59.6	61.0	60.5	65.8	93.7	100.0	95.3	101.6
Knitted cloth	90.4	92.1	91.2	95.2	163.6	168.6	160.9	160.9
Knitted outerwear and knitted gloves	92.7	97.6	97.9	102.4	172.3	189.4	184.8	180.9
Knitted underwear	86.0	87.2	85.8	91.4	162.0	166.4	159.5	159.4
Dyeing and finishing textiles, including woolen and worsted	84.4	85.6	85.5	89.9	145.0	147.3	141.1	147.0
Carpets and rugs, wool	74.1	76.2	75.2	77.9	131.1	137.4	126.3	132.1
Hats, fur-felt	59.2	61.3	61.9	63.4	109.6	112.5	116.6	109.3
Lute goods, except felts and twine	88.9	89.4	88.9	89.3	171.5	176.0	175.4	167.7
	117.5	118.0	119.6	126.1	227.5	230.4	227.8	231.2

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	July 1945	June 1945	May 1945	July 1944	July 1945	June 1945	May 1945	July 1944
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS 1/	96.4	102.2	103.1	103.1	167.5	163.1	161.5	173.8
Men's clothing, not elsewhere classified	86.0	89.8	89.5	95.2	151.5	164.2	156.6	154.6
Shirts, collars, and nightwear	63.1	63.9	68.0	75.5	125.7	125.3	123.2	133.4
Underwear and neckwear, men's	71.2	77.4	73.2	73.7	146.8	153.7	149.1	142.5
Work shirts	105.4	107.3	106.5	112.1	197.2	203.0	201.6	183.2
Women's clothing, not elsewhere classified	64.5	71.6	73.7	75.5	109.0	125.7	131.1	125.6
Corsets and allied garments	71.0	74.5	74.9	76.5	122.6	134.6	131.0	126.4
Millinery	66.9	65.9	69.0	71.6	106.3	91.4	84.2	103.2
Handkerchiefs	50.8	50.5	50.7	59.4	93.0	96.2	96.8	104.1
Curtains, draperies, and bedspreads	60.8	63.3	63.5	78.4	121.2	135.8	133.2	149.4
House furnishings, other than curtains, etc.	102.1	105.7	105.1	98.2	183.7	195.6	193.4	178.3
Textile bags	122.0	124.3	123.5	116.7	207.7	212.9	210.7	193.3
LEATHER AND LEATHER PRODUCTS 1/	88.5	89.8	88.6	91.1	165.0	170.3	161.1	157.7
Leather	81.0	82.7	81.7	84.6	146.0	149.3	147.3	146.5
Boot and shoe cut stock and findings	85.5	86.0	85.2	85.5	147.7	152.5	147.1	141.5
Boots and shoes	77.7	78.7	77.8	79.8	149.0	154.1	143.2	139.8
Leather gloves and mittens	113.3	116.9	116.5	126.2	200.1	210.9	207.9	214.5
Trunks and suitcases	152.8	152.7	142.4	145.7	250.2	256.5	242.8	228.2
FOOD 1/	123.3	116.7	114.5	132.5	205.8	196.4	188.1	211.7
Slaughtering and meat packing	105.7	106.0	103.3	131.7	175.0	177.9	162.5	219.6
Butter	140.8	140.6	136.4	137.9	234.9	230.6	216.0	215.7
Condensed and evaporated milk	166.7	169.2	161.6	162.7	296.5	302.2	279.3	271.0
Ice cream	112.9	107.9	101.9	114.4	169.0	156.0	145.0	163.5
Flour	121.4	119.3	116.3	116.9	212.3	211.0	202.0	195.3
Feeds, prepared	144.0	145.1	136.5	139.5	259.4	258.4	238.6	224.3
Cereal preparations	124.4	124.7	125.0	125.2	225.9	231.0	226.3	216.2
Baking	108.4	110.4	110.4	112.0	174.6	174.1	171.4	168.0
Sugar refining, cane	93.3	99.1	104.0	107.2	145.1	155.1	168.8	174.0
Sugar, beet	41.9	41.6	43.6	38.7	65.8	65.1	65.6	55.7
Confectionery	98.6	103.0	108.5	108.9	164.2	187.4	184.8	178.2
Beverages, nonalcoholic	124.8	124.4	124.1	151.6	177.7	169.7	167.2	213.0
Malt liquors	146.7	143.1	139.0	147.3	230.7	219.9	205.6	225.5
Canning and preserving	123.6	78.8	73.4	131.8	246.3	154.6	144.4	242.8
TOBACCO MANUFACTURES 1/	83.2	85.9	85.4	88.6	151.4	164.1	156.4	157.0
Cigarettes	123.5	123.5	123.5	127.7	200.5	204.4	192.1	196.9
Cigars	59.9	64.8	64.1	68.2	114.6	136.8	132.7	132.3
Tobacco (chewing and smoking) and snuff	91.3	90.5	90.7	84.6	148.8	150.2	145.3	132.7

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	July 1945	June 1945	May 1945	July 1944	July 1945	June 1945	May 1945	July 1944
PAPER AND ALLIED PRODUCTS 1/	113.7	116.0	114.6	119.3	193.5	197.7	190.7	192.8
Paper and pulp	103.4	104.9	103.8	106.4	180.7	183.8	177.5	178.6
Paper goods, other	111.4	115.2	114.5	122.0	181.8	192.5	185.5	194.1
Envelopes	105.8	108.3	106.0	109.6	165.5	172.0	167.9	167.2
Paper bags	110.7	115.0	113.3	122.4	198.5	198.2	192.5	194.4
Paper boxes	108.9	110.9	108.9	114.6	180.6	182.8	175.2	175.8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES 1/	96.8	97.5	97.5	99.6	137.8	139.6	138.9	135.3
Newspapers and periodicals	90.7	92.2	92.1	92.5	119.9	121.7	122.4	117.1
Printing, book and job	103.8	103.8	103.9	106.9	155.1	155.6	154.4	151.9
Lithographing	93.2	92.6	92.6	96.5	134.6	137.5	135.5	132.4
Bookbinding	103.5	106.0	105.5	109.3	178.3	186.3	180.3	181.3
CHEMICALS AND ALLIED PRODUCTS 1/	203.7	212.5	216.3	202.7	363.0	381.3	388.9	355.6
Paints, varnishes, and colors	102.9	103.2	102.4	106.8	168.8	171.3	166.6	167.1
Drugs, medicines, and insecticides	183.2	183.5	182.5	184.4	273.6	284.6	282.0	267.2
Perfumes and cosmetics	130.4	118.4	117.9	115.1	177.1	171.4	163.0	164.6
Soap	95.5	96.6	97.4	99.5	157.8	163.1	164.7	162.9
Rayon and allied products	111.0	111.4	109.9	109.2	184.1	185.5	183.2	174.0
Chemicals, not elsewhere classified	162.4	164.8	164.1	170.9	291.8	298.5	295.2	297.6
Explosives and safety fuses	1207.2	1304.3	1349.3	1048.3	1879.8	1984.3	2096.3	1646.0
Compressed and liquefied gases	148.4	150.3	149.2	154.0	270.2	264.6	268.1	270.4
Ammunition, small-arms	1345.7	1507.7	1549.1	1126.9	2636.2	3037.4	3185.2	2271.1
Fireworks	1510.1	1723.8	1897.9	2632.8	4070.7	4739.5	5294.0	6957.9
Cottonseed oil	76.5	79.5	87.5	74.6	150.7	164.4	183.6	143.6
Fertilizers	104.4	111.5	126.2	99.1	247.4	258.8	292.6	224.7
PRODUCTS OF PETROLEUM AND COAL 1/	127.4	126.8	126.3	126.4	233.4	229.5	226.9	223.2
Petroleum refining	127.7	127.3	126.5	124.3	229.1	224.4	222.6	215.6
Coke and by-products	100.5	100.3	100.3	106.5	190.8	189.9	186.1	191.7
Paving materials	72.4	69.8	70.5	75.5	149.5	144.3	132.8	156.0
Roofing materials	117.3	116.3	114.8	120.6	216.9	218.3	209.2	218.6
RUBBER PRODUCTS	151.1	155.2	157.6	160.5	281.3	287.3	283.6	282.7
Rubber tires and inner tubes	162.1	166.7	169.2	165.6	286.8	293.8	288.6	280.9
Rubber boots and shoes	113.1	114.5	113.3	132.1	214.9	217.1	208.3	237.0
Rubber goods, other	127.5	131.2	134.1	138.9	238.3	242.7	243.9	245.2
MISCELLANEOUS INDUSTRIES 1/	158.5	165.0	166.6	171.6	300.9	323.8	324.4	323.2
Instruments (professional and scientific), and fire control equipment	473.3	511.7	534.3	562.3	835.0	987.6	995.6	1082.0
Photographic apparatus	154.9	156.5	157.9	171.7	259.6	262.5	265.4	271.9
Optical instruments and ophthalmic goods	178.2	195.6	199.6	205.5	294.0	335.6	344.3	337.8
Pianos, organs, and parts	101.7	105.2	103.0	79.8	197.9	207.4	197.3	144.3
Games, toys, and dolls	78.0	81.1	82.8	88.0	152.8	161.9	164.2	169.8
Buttons	82.4	83.5	86.8	84.2	165.4	171.0	172.1	159.6
Fire extinguishers	420.0	434.8	454.7	561.3	892.9	969.5	1028.2	1126.2

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 1943 data made available by the Bureau of Employment Security of the Federal Security Agency. Indexes for 15 major groups are not comparable with those published in mimeographed releases dated prior to September 1945 or the October 1945 issue of the Monthly Labor Review. Comparable indexes from January 1939 available upon request. Five major groups, Furniture and finished lumber products, Stone, clay and glass products, Tobacco manufactures, Chemicals and allied products, and Products of petroleum and coal, needed no further adjustment and are therefore comparable with the data previously published.

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

Industry Group or Industry	Employment Indexes				Pay-roll Indexes			
	July 1945	June 1945	May 1945	July 1944	July 1945	June 1945	May 1945	July 1944
Mining								
Anthracite	77.6	78.9	9.7	77.9	142.7	145.4	14.3	130.6
Bituminous coal	87.2	89.3	88.2	94.7	139.3	226.5	204.5	194.4
Metal:	74.6	76.0	77.3	87.6	121.1	128.5	128.6	135.1
Iron	119.6	120.3	121.7	136.2	201.6	215.6	215.1	211.9
Copper	84.9	87.7	89.9	105.6	141.7	151.0	151.3	168.4
Lead and zinc	87.2	90.3	92.0	99.8	161.1	171.0	172.0	177.0
Gold and silver	21.0	21.2	21.5	23.0	26.0	27.1	27.3	28.2
Miscellaneous	69.0	67.7	68.0	88.3	114.1	113.4	112.4	144.7
Quarrying and nonmetallic Crude petroleum production ^{1/}	81.3	80.5	78.3	86.4	161.9	158.8	150.8	160.7
83.8	83.6	82.8	94.1	135.7	136.1	132.4	136.5	
Public utilities:								
Telephone	^{2/}	^{2/}	^{2/}	129.7	^{2/}	^{2/}	^{2/}	156.8
Telegraph	^{2/}	117.9	117.4	123.9	^{2/}	175.3	174.0	179.3
Electric light and power	83.6	82.8	82.0	83.2	119.6	119.2	117.5	114.6
Street railways and busses	116.8	117.3	117.8	118.8	177.1	178.2	176.2	170.3
Wholesale trade	94.9	94.4	94.5	95.1	144.7	141.9	140.8	135.9
Retail trade	95.0	96.2	96.7	95.5	136.6	134.2	131.0	128.3
Food	100.0	101.0	103.0	105.9	145.5	142.8	139.0	143.0
General merchandise	108.1	111.2	112.7	104.8	148.7	148.3	144.0	135.7
Apparel	99.3	106.6	107.8	101.8	150.0	152.8	149.0	139.2
Furniture and house furnishings	62.0	62.2	61.6	63.4	90.8	89.9	89.0	88.4
Automotive	69.4	68.3	68.0	66.6	108.3	105.3	102.3	97.5
Lumber and building materials	92.2	92.4	90.7	92.4	138.7	138.0	135.2	133.0
Hotels (year-round) ^{3/}	109.4	109.5	108.5	109.2	171.2	171.5	167.9	157.4
Power laundries	108.3	107.2	104.9	112.1	169.7	166.3	161.9	165.1
Cleaning and dyeing	121.3	122.1	119.8	122.3	197.6	199.9	191.4	187.3
Class I steam railroads ^{4/}	146.9	147.2	144.4	146.1	^{2/}	^{2/}	^{2/}	^{2/}
Water transportation ^{5/}	308.9	303.0	303.5	249.1	^{2/}	744.5	746.2	585.6

^{1/} Does not include well drilling or rig building

^{2/} Not available.

^{3/} Cash payments only; additional value of board, room, and tips, not included.

^{4/} Source: Interstate Commerce Commission.

^{5/} Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes vessels under bareboat charter to, or owned by the Army or Navy.

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

Industry	July 1945	June 1945	May 1945	July 1944
Mining:				
Anthracite	64.3	65.3	8.0	64.5
Bituminous coal	323	331	327	351
Metal:	65.8	67.0	68.2	77.3
Iron	24.1	24.2	24.5	27.4
Copper	20.2	20.9	21.4	25.2
Lead and zinc	13.6	14.0	14.3	15.5
Gold and silver	5.2	5.2	5.3	5.7
Miscellaneous	2.7	2.7	2.7	3.5
Telephone ^{1/}	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
Telegraph ^{3/}	<u>2/</u>	44.4	44.2	46.6
Electric light and power ^{1/}	204	202	200	203
Street railways and busses ^{1/}	226	227	228	230
Hotels (year-round) ^{1/}	353	353	350	352
Power laundries	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Cleaning and dyeing	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Class I steam railroads ^{5/}	1,451	1,454	1,427	1,443
Water transportation ^{6/}	162	159	159	131

^{1/} Data include salaried personnel.

^{2/} Not available.

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

^{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. Data include salaried personnel.

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

Table 5. - Percentage Changes in Employment and Pay Rolls in Selected Nonmanufacturing Industries, July 1945

Industry	Employment		Pay Roll	
	Percentage change from June 1945	Percentage change from July 1944	Percentage change from June 1945	Percentage change from July 1944
Wholesale trade	+ .6	- .2	+ 1.9	+ 6.5
Food products	+ .1	- 2.4	+ 1.3	+ 4.5
Groceries and food specialties	- .5	+ .9	- 1.2	+ 6.3
Dry goods and apparel	- .5	- 6.9	- 1.4	- 5.1
Machinery, equipment and supplies	+ .1	+13.6	- .3	+11.8
Farm products	+ 3.2	+10.1	+ 3.2	+12.6
Petroleum and petroleum products (incl. bulk tank stations)	+ .8	+ 3.0	+ 6.2	+10.0
Automotive	+ 1.1	+ 9.4	+ 2.3	+15.6
Brokerage	+ 4.1	+ 7.0	+ 1.5	+19.9
Insurance	+ 1.8	+ .6	+ 2.2	+ 5.6

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

(In thousands)

Industry Division	July 1945	June 1945	May 1945	July 1944
Total <u>1/</u>	37,205	37,556	37,679	38,731
Manufacturing <u>2/</u>	14,136	14,538	14,811	16,013
Mining	784	794	728	833
Contract Construction and Federal force account construction	896	845	798	686
Transportation and public utilities	3,836	3,833	3,802	3,809
Trade	6,981	7,004	7,021	6,942
Finance, service and miscellaneous	4,650	4,589	4,513	4,618
Federal, State and Local government, excluding Federal force account construction	5,922	5,953	6,006	5,830

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

2/ Estimates for manufacturing have been adjusted to levels indicated by final 1942 data made available by the Bureau of Employment Security of the Federal Security Agency. Since the estimated number of production workers in manufacturing industries have been further adjusted to final 1943 data, subsequent to December 1942, the two sets of estimates are not comparable.

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

Region and State	All industry divisions			Manufacturing		
	June 1945	May 1945	June 1944	June 1945	May 1945	June 1944
New England <u>1/2/</u>	2,909	2,930	3,077	1,403	<u>3/</u> 1,431	1,530
Maine	237	235	262	100.0	100.2	125.1
New Hampshire	131	129	153	62.5	62.9	65.5
Vermont	81.4	80.5	80.8	31.4	31.3	32.5
Massachusetts	1,527	1,533	1,604	670	688	757
Rhode Island <u>1/2/</u>	263	266	273	142	<u>3/</u> 145	156
Connecticut	670	679	718	397	406	446
Middle Atlantic	8,935	8,920	9,271	3,803	3,863	4,166
New York	4,427	4,459	4,577	1,856	1,896	1,833
New Jersey	1,443	1,452	1,524	800	815	888
Pennsylvania	3,065	3,009	3,170	1,347	1,352	1,445
East North Central <u>1/4/</u>	8,520	8,331	8,676	4,121	<u>3/4/</u> 2,113	4,602
Ohio	2,286	2,288	2,357	1,134	1,172	1,240
Indiana	1,008	1,024	1,054	512	532	585
Illinois <u>1/4/</u>	2,673	2,689	2,739	1,160	<u>3/</u> 1,185	1,239
Michigan	1,586	1,620	1,744	866	902	1,032
Wisconsin <u>1/4/</u>	762	730	782	419	422	456
West North Central <u>1/4/</u>	2,802	2,604	2,827	889	<u>3/</u> 902	953
Minnesota <u>1/4/</u>	622	620	620	203	<u>3/</u> 204	213
Iowa <u>1/4/</u>	437	434	440	150.7	151.1	158.2
Missouri	945	948	950	344	350	343
North Dakota <u>1/4/</u>	71.9	71.6	69.6	6.1	<u>3/</u> 5.7	6.2
South Dakota <u>1/4/</u>	80.6	79.6	80.9	9.6	<u>3/</u> 9.2	10.7
Nebraska <u>1/4/</u>	259	258	256	62.8	<u>3/</u> 62.4	62.2
Kansas	386	393	410	113.2	119.5	139.9
South Atlantic	4,411	4,432	4,563	1,486	1,497	1,622
Delaware	91.0	91.7	98.1	45.0	46.0	52.3
Maryland	662	667	693	266	272	304
District of Columbia	457	458	468	13.9	13.9	13.9
Virginia	670	674	679	190	192	193
West Virginia	423	417	413	137.2	135.0	131.6
North Carolina	672	673	696	341	340	366
South Carolina	366	367	375	162	161	167
Georgia	636	635	661	248	248	275
Florida	454	449	475	86.9	88.9	119.3

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

(In thousands)

Region and State	All industry divisions			Manufacturing		
	June 1945	May 1945	June 1944	June 1945	May 1945	June 1944
East South Central	1,713	1,723	1,778	633	644	693
Kentucky	415	416	430	116.0	117.9	120.7
Tennessee	528	532	543	203	206	220
Alabama	532	535	555	241	245	270
Mississippi	238	240	245	73.3	75.4	82.5
West South Central	2,490	2,521	2,562	619	646	732
Arkansas	274	282	244	65.2	65.2	70.0
Louisiana	460	465	494	140.7	145.3	168.4
Oklahoma	369	377	376	79.2	88.3	86.3
Texas	1,387	1,397	1,448	334	347	407
Mountain	901	892	906	124	125	129
Montana	109	108	111	12.0	12.1	13.3
Idaho	93.0	93.0	95.6	13.9	14.2	15.0
Wyoming	61.8	60.5	63.3	4.3	4.1	4.4
Colorado	263	260	264	47.5	47.0	48.0
New Mexico	82.2	81.4	79.1	4.9	5.0	5.0
Arizona	106.8	110.3	107.6	18.3	19.5	17.0
Utah	140	138	144	22.0	21.7	23.1
Nevada	42.7	41.1	41.4	1.5	1.6	3.2
Pacific	3,358	3,390	3,582	1,095	1,136	1,123
Washington	611	613	637	232	235	259
Oregon	345	343	364	140.7	140.5	162.9
California	2,402	2,434	2,581	722	760	934

- 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, January 1943 to date, available upon request to Regional Director, U. S. Department of Labor.
- 2/ Address: Regional Director, U. S. Department of Labor, Boston 8, Massachusetts.
- 3/ May estimates for manufacturing are revised data.
- 4/ Address: Regional Director, U. S. Department of Labor, Chicago 8, Illinois.

Table 8.—Employment and Pay Rolls in Regular Federal Services and in Government Corporations, in Selected Months

(In thousands)

Branch	Employment			Pay rolls ^{1/}		
	July 1945 ^{2/}	June 1945 ^{2/}	July 1944	July 1945 ^{2/}	June 1945 ^{2/}	July 1944
Total	3,711.7	3,653.8	3,352.0	\$709,701	\$683,966	\$699,890
Executive ^{3/}	3,667.9	3,611.1	3,306.4	701,432	676,012	692,130
Washington metropolitan area	258.0	253.0	270.0	57,720	55,328	56,260
War agencies ^{4/}	127.9	126.6	140.0	27,179	25,875	27,905
Other agencies	130.1	126.4	130.0	30,541	29,453	28,355
Other areas	3,409.9	3,358.1	3,036.4	643,713	620,684	635,870
War agencies ^{4/}	2,626.3	2,589.7	2,336.3	498,014	478,221	494,170
Continental United States	1,892.4	1,892.2	1,963.9	444,029	426,004	442,387
Outside continental United States ^{5/}	733.9	697.5	372.4	53,985	52,217	51,783
Other agencies	783.6	768.4	700.1	145,699	142,463	141,700
Continental United States	765.1	751.8	684.4	141,160	138,367	138,313
Outside continental United States ^{5/}	18.5	16.6	15.7	4,539	4,096	3,367
Judicial	2.7	2.6	2.7	879	816	775
Legislative	6.4	6.4	6.2	1,784	1,657	1,528
Government corporations ^{6/}	34.7	33.7	36.7	5,606	5,481	5,457

Prepared by the Division of Construction and Public Employment.

^{1/} Pay rolls are for all pay periods ending during the calendar month. Figures are from the revised series. Data for the period January 1943 to date are available upon request.

^{2/} Preliminary.

^{3/} Includes employees in United States navy yards and on force-account construction who are also included under construction and shipbuilding and repair projects (tables 9 and 10).

^{4/} Covers War and Navy Departments, Maritime Commission, National Advisory Committee for Aeronautics, The Panama Canal, and the emergency war agencies.

^{5/} Includes Alaska and the Panama Canal Zone.

^{6/} Data are for employees of the Panama Railroad Company, the Federal Reserve Banks, and banks of the Farm Credit Administration who are paid out of operating revenue and not out of Federal appropriations. Data for other Government corporations are included under the executive service.

Table 9.—Total Employment and Pay Rolls in United States Navy Yards and Private Shipyards Within Continental United States by Shipbuilding Region

July 1945

(In thousands)

Shipbuilding region	Employment			Pay rolls		
	July 1945 <u>1/</u>	June 1945	July 1944	July 1945 <u>1/</u>	June 1945	July 1944
All regions.....	1,091.8	1,140.3	1,562.3	\$317,117	\$327,558	\$430,961
U. S. navy yards <u>2/</u>	316.9	315.8	326.2	95,365	93,591	91,036
Private shipyards.....	774.9	824.5	1,236.1	221,752	233,967	339,925
North Atlantic.....	419.3	438.4	562.5	123,445	138,383	<u>3/</u>
South Atlantic.....	103.6	106.2	137.4	31,287	27,474	<u>3/</u>
Gulf.....	130.6	137.0	213.3	35,254	36,041	<u>3/</u>
Pacific.....	395.7	407.2	522.2	114,610	111,081	<u>3/</u>
Great Lakes.....	25.2	30.7	63.5	7,814	8,137	<u>3/</u>
Inland.....	17.4	20.8	63.4	4,707	6,442	<u>3/</u>

1/ Preliminary.

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

3/ Breakdown not available.

Table 10.—Estimated Employment and Pay Rolls on Construction Within Continental United States, July 1945
(In thousands)

Type of project	Employment			Pay rolls		
	July 1945 <u>1/</u>	June 1945	July 1944	July 1945 <u>1/</u>	June 1945	July 1944
New construction, total <u>2/</u>	1,029.3	959.5	856.9	<u>3/</u>	<u>3/</u>	<u>3/</u>
At the construction site	868.4	833.1	698.7	<u>3/</u>	<u>3/</u>	<u>3/</u>
Federal projects <u>4/</u>	210.6	221.5	230.1	\$48,807	\$51,348	\$49,772
Airports	7.6	8.4	13.8	1,421	1,563	2,615
Buildings	157.0	167.0	145.4	38,287	40,682	32,772
Residential	10.5	11.2	23.8	2,541	2,701	5,123
Nonresidential <u>5/</u>	146.5	155.8	121.6	35,746	37,981	27,649
Electrification	.6	.7	.3	74	88	60
Reclamation	6.7	6.6	13.7	1,655	1,631	3,088
River, harbor and flood control	12.7	13.1	19.8	2,464	2,539	4,054
Streets and highways	13.5	11.3	16.9	2,238	2,032	3,208
Water and sewer systems	2.9	3.0	4.8	548	575	685
Miscellaneous	10.6	11.2	15.4	2,120	2,238	3,290
Non-Federal projects	677.8	611.6	466.6	<u>3/</u>	<u>3/</u>	<u>3/</u>
Buildings	379.9	333.0	197.0	89,656	79,587	45,310
Residential	157.9	133.0	113.1	<u>3/</u>	<u>3/</u>	<u>3/</u>
Nonresidential	222.0	200.0	83.9	<u>3/</u>	<u>3/</u>	<u>3/</u>
Farm dwellings and service buildings	123.3	113.9	122.5	<u>3/</u>	<u>3/</u>	<u>3/</u>
Public utilities	121.2	117.6	100.2	<u>3/</u>	<u>3/</u>	<u>3/</u>
Streets and highways	34.0	30.3	35.6	<u>3/</u>	<u>3/</u>	<u>3/</u>
State	15.0	13.1	18.6	<u>3/</u>	<u>3/</u>	<u>3/</u>
County and municipal	19.0	17.2	17.0	<u>3/</u>	<u>3/</u>	<u>3/</u>
Miscellaneous	19.4	17.0	13.3	<u>3/</u>	<u>3/</u>	<u>3/</u>
Other <u>6/</u>	140.9	136.4	158.2	<u>3/</u>	<u>3/</u>	<u>3/</u>
Maintenance of State roads <u>7/</u>	95.0	90.4	94.8	<u>3/</u>	<u>3/</u>	<u>3/</u>

Prepared by Division of Construction and Public Employment.

1/ Preliminary.

2/ Data are for all construction workers (contract and force-account) engaged on new construction, additions, and 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 non-agricultural employment series covers only employees of construction contractors and on Federal force-account and excludes force-account workers of State and local governments, public utilities, and private firms.

3/ Data not available.

4/ Includes the following force-account employees, hired directly by the Federal Government, and their pay rolls: July 1944, 29,062, \$5,906,000; June 1945, 18,326, \$3,603,000; July 1945, 17,313, \$3,238,000. These employees are also included under the federal executive service.

5/ Includes the following employees and pay rolls for Defense Plant Corporation (DPC) projects: July 1944, 33,899, \$8,541,000; June 1945, 15,549, \$3,717,000; July 1945, 14,300, \$3,418,000.

6/ Includes central office force of construction contractors, shop employees of special trades contractors, such as bench sheet-metal workers, etc., and site employees engaged on projects which, for security reasons, cannot be shown above.

7/ Data for other types of maintenance not available.