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EMPLOYMENT AND PAY ROLLS

Detailed Report

December 1945

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

Industry Group or Industry	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
ALL MANUFACTURING	9,963	9,962	9,941	13,379
DURABLE GOODS	4,854	4,932	4,924	7,932
NONDURABLE GOODS	5,109	5,030	5,017	5,447
<u>Durable Goods</u>				
IRON AND STEEL AND THEIR PRODUCTS	1,243	1,205	1,196	1,677
Blast furnaces, steel works, and rolling mills	446.3	431.5	426.1	474.7
Gray-iron and semi-steel castings	72.3	69.7	68.0	74.6
Malleable-iron castings	23.0	23.1	21.9	25.6
Steel castings	51.9	51.1	53.4	71.6
Cast-iron pipe and fittings	15.0	14.4	13.6	15.7
Tin cans and other tinware	37.1	35.2	35.8	39.4
Wire drawn from purchased rods	28.9	27.9	27.8	32.4
Wirework	32.3	29.9	28.3	34.6
Cutlery and edge tools	23.1	22.3	21.6	24.3
Tools (except edge tools, machine tools, files, and saws)	23.2	22.3	21.9	27.1
Hardware	36.9	34.5	34.8	46.4
Plumbers' supplies	20.1	19.0	18.1	22.1
Stoves, oil burners, and heating equipment not elsewhere classified	51.3	48.6	46.7	63.9
Steam and hot-water heating apparatus and steam fittings	43.9	42.2	40.3	55.3
Stamped and enameled ware and galvanizing	67.4	64.1	61.0	37.0
Fabricated structural and ornamental metalwork	43.7	42.4	41.3	72.8
Metal doors, sash, frames, molding, and trim	7.5	7.3	7.2	10.8
Bolts, nuts, washers, and rivets	20.8	20.2	19.6	24.2
Forging, iron and steel	25.0	24.2	25.7	35.3
Wrought pipe, welded and heavy riveted	14.2	13.7	13.3	24.4
Screw-machine products and wood screws	26.1	25.3	25.0	42.9
Steel barrels, kegs, and drums	6.2	5.9	5.3	8.0
Firearms	10.5	11.8	11.2	36.8
ELECTRICAL MACHINERY	465	461	449	714
Electrical equipment	292.0	300.3	291.0	431.8
Radios and phonographs	62.8	57.3	56.0	119.2
Communication equipment	73.2	66.7	65.4	105.8

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

Industry Group or Industry	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
MACHINERY, EXCEPT ELECTRICAL	878	877	876	1,179
Machinery and machine-shop products	324.7	325.0	330.2	449.6
Engines and turbines	38.6	42.6	42.9	67.8
Tractors	51.5	50.5	49.5	57.3
Agricultural machinery, excluding tractors	40.3	37.6	35.9	44.6
Machine tools	53.3	52.1	57.9	74.3
Machine-tool accessories 2/	16.2	45.6	45.9	65.0
Textile machinery	27.0	26.3	25.5	27.3
Pumps and pumping equipment	52.5	52.2	51.6	75.9
Typewriters	14.3	13.6	12.6	12.6
Cash registers, adding and calculating machines	27.4	25.7	24.4	30.8
Washing machines, wringers and driers, domestic	9.6	8.7	7.4	11.7
Sewing machines, domestic and industrial	7.9	7.6	7.5	10.8
Refrigerators and refrigeration equipment	34.5	39.2	34.8	52.6
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	532	554	643	2,134
Locomotives	23.3	31.2	29.9	35.5
Cars, electric- and steam- railroad	45.7	44.8	41.7	57.6
Aircraft and parts, excluding aircraft engines	122.0	122.6	126.9	636.2
Aircraft engines	21.9	26.7	29.4	215.4
Shipbuilding and boatbuilding	267.9	286.1	368.2	1,087.3
Motorcycles, bicycles, and parts	9.0	8.7	6.5	9.4
AUTOMOBILES	369	498	444	689
NONFERROUS METALS AND THEIR PRODUCTS	314	306	294	402
Smelting and refining, primary, of nonferrous metals 2/	35.7	34.8	34.6	59.8
Alloying and rolling and drawing of nonferrous metals except aluminum	54.6	53.3	50.1	69.6
Clocks and watches	22.9	21.9	20.9	26.0
Jewelry (precious metals) and jewelers' findings	15.3	14.9	14.2	15.5
Silverware and plated ware	11.7	10.8	10.1	11.1
Lighting equipment	18.5	21.7	19.7	26.5
Aluminum manufactures	40.7	38.4	36.0	64.3
Sheet-metal work, not elsewhere classified	21.8	21.2	21.3	32.4

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

Industry Group or Industry	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
LUMBER AND TIMBER BASIC PRODUCTS	415	407	405	468
Sawmills and logging camps	195.6	192.5	191.5	220.9
Planing and plywood mills	82.7	61.0	60.6	70.6
FURNITURE AND FINISHED LUMBER PRODUCTS	322	307	295	340
Mattresses and bedsprings	17.3	15.4	14.5	17.9
Furniture	143.4	135.9	130.5	153.6
Wooden boxes, other than cigar	23.7	23.6	23.3	27.5
Caskets and other morticians goods	12.2	12.0	11.8	11.8
Wood preserving	11.4	10.7	10.0	9.9
Wood, turned and shaped	21.3	20.9	19.8	21.6
STONE, CLAY, AND GLASS PRODUCTS	326	315	322	329
Glass and glassware	78.8	76.8	86.6	87.8
Glass products made from purchased glass	10.8	10.8	10.3	10.7
Cement	21.2	20.2	20.3	17.2
Brick, tile, and terra cotta	49.7	46.9	44.6	41.7
Pottery and related products	40.7	39.7	38.8	40.0
Gypsum	4.6	4.6	4.2	3.9
Wallboard, plaster (except gypsum), and mineral wool	9.9	9.5	9.2	9.7
Lime	8.0	7.7	7.5	7.6
Marble, granite, slate, and other products	14.0	13.2	12.9	14.0
Abrasives	16.3	16.3	16.6	21.2
Asbestos products	17.2	16.7	17.5	20.4
Nondurable Goods				
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	1,090	1,042	1,037	1,107
Cotton manufactures, except small wares	423.8	398.9	404.3	433.7
Cotton small wares	13.4	13.1	12.6	13.6
Silk and rayon goods	87.1	84.5	85.2	89.8
Woolen and worsted manufactures, except dyeing and finishing	147.5	143.0	139.5	148.3
Hosiery	104.3	101.7	98.3	102.4
Knitted cloth	10.7	10.4	10.2	10.4
Knitted outerwear and knitted gloves	28.7	28.3	27.3	29.4
Knitted underwear	33.7	33.6	33.3	34.6
Dyeing and finishing textiles, including woolen and worsted	59.1	54.0	53.5	60.3
Carpets and rugs, wool	19.6	18.4	17.9	20.4
Hats, fur-felt	10.1	9.8	9.6	9.5
Jute goods, except felts	3.7	3.6	3.5	3.3
Cordage and twine	14.6	14.2	14.0	15.4

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

Industry Group or Industry	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	797	795	798	866
Men's clothing, not elsewhere classified	177.4	177.4	180.1	204.5
Shirts, collars, and nightwear	50.7	50.5	49.4	51.0
Underwear and neckwear, men's	11.8	11.7	10.9	12.1
Work shirts	13.0	13.1	13.2	14.3
Women's clothing; not elsewhere classified	204.5	203.2	205.1	216.7
Corsets and allied garments	14.9	14.9	14.5	15.1
Millinery	18.2	17.9	18.3	19.0
Handkerchiefs	2.4	2.6	2.7	2.8
Curtains, draperies, and bedspreads	11.5	11.2	11.0	12.8
House-furnishing, other than curtains, etc.	9.1	9.1	8.6	11.9
Textile bags	15.1	15.0	14.8	14.0
LEATHER AND LEATHER PRODUCTS	323	314	307	316
Leather	42.4	40.7	39.8	39.6
Boot and shoe cut stock and findings	16.8	16.3	15.9	16.2
Boots and shoes	177.8	173.6	169.5	173.4
Leather gloves and mittens	11.4	10.9	11.1	12.6
Trunks and suitcases	12.2	11.8	11.4	12.9
FOOD	1,030	1,042	1,074	1,065
Slaughtering and meat packing	144.9	132.5	126.9	155.4
Butter	21.7	22.7	22.8	20.8
Condensed and evaporated milk	12.9	13.3	14.0	12.8
Ice cream	15.2	15.6	16.0	13.7
Flour	31.0	30.9	31.1	29.3
Feeds, prepared	23.4	23.5	23.3	20.6
Cereal preparations	10.0	9.1	8.1	8.6
Baking	253.2	254.3	252.8	264.8
Sugar refining, cane	12.9	12.3	12.2	14.7
Sugar, beet	18.0	23.0	19.1	15.6
Confectionery	55.2	55.3	53.6	62.4
Beverages, nonalcoholic	23.6	23.6	24.1	26.1
Malt liquors	53.4	54.2	54.4	51.1
Canning and preserving	107.4	124.7	167.8	113.8
TOBACCO MANUFACTURES	82	83	86	85
Cigarettes	33.0	34.9	35.9	36.4
Cigars	35.0	34.5	35.9	34.4
Tobacco (chewing and smoking) and snuff	8.5	8.4	8.5	8.6

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

Industry Group or Industry	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
PAPER AND ALLIED PRODUCTS	325	317	312	317
Paper and pulp	153.1	148.2	145.5	147.2
Paper goods, other	44.2	43.2	43.1	45.6
Envelopes	9.8	9.6	9.7	9.7
Paper bags	13.4	13.2	12.6	13.3
Paper boxes	81.6	80.5	79.2	79.1
PRINTING; PUBLISHING, AND ALLIED INDUSTRIES	355	347	336	328
Newspapers and periodicals	121.9	119.8	115.3	111.3
Printing book and job	146.0	142.6	138.9	135.5
Lithographing	26.8	26.0	25.1	24.7
Bookbinding	28.8	28.4	27.8	28.3
CHEMICALS AND ALLIED PRODUCTS	442	445	443	621
Paints, varnishes, and colors	32.3	31.7	31.0	30.1
Drugs, medicines, and insecticides	48.6	48.0	47.6	49.8
Perfumes and cosmetics	12.1	12.4	12.6	12.7
Soap	13.6	13.6	13.4	13.6
Rayon and allied products ^{2/}	57.8	56.9	55.5	54.2
Chemicals, not elsewhere classified	113.6	110.6	109.2	115.5
Explosives and safety fuses	20.1	24.5	30.2	93.5
Compressed and liquefied gases	5.5	5.5	5.6	5.9
Ammunition, small arms	9.9	11.3	10.4	55.1
Fireworks	2.2	3.1	3.2	26.9
Cottonseed oil	19.4	20.6	18.0	20.4
Fertilizers	22.2	20.8	20.4	21.5
PRODUCTS OF PETROLEUM AND COAL	139	138	130	132
Petroleum refining	95.3	95.4	88.5	90.8
Coke and by-products	23.0	22.4	21.7	22.0
Paving materials	1.6	1.8	1.8	1.5
Roofing materials	10.0	9.8	9.6	9.6
RUBBER PRODUCTS	189	181	175	198
Rubber tires and inner tubes	96.2	91.4	88.2	94.3
Rubber boots and shoes	15.9	15.4	15.1	18.3
Rubber goods, other	64.4	61.5	59.4	71.6
MISCELLANEOUS INDUSTRIES	337	326	319	412
Instruments (professional and scientific), fire control equipment	22.4	22.4	23.2	59.0
Photographic apparatus	22.4	21.5	20.6	28.0
Optical instruments and ophthalmic goods	10.9	19.4	19.1	23.5
Pianos, organs, and parts	6.1	5.6	5.3	7.1
Games, toys, and dolls	17.4	15.9	14.4	16.8
Buttons	9.4	9.2	9.0	8.8
Fire extinguishers	2.2	2.3	2.3	5.0

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. 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.

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

Machine tools - September 1945 production workers to 89.7.

Smelting and refining, primary, of nonferrous metals -
September 1945 production workers to 36.0.

Rayon and allied products - September 1945 production workers to
54.0.

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			
	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
ALL MANUFACTURING	121.6	121.6	121.4	163.3	215.5	212.5	212.7	356.8
DURABLE GOODS	134.4	136.6	136.4	219.7	230.2	231.7	233.8	463.6
NONDURABLE GOODS	111.5	109.8	109.5	118.9	201.1	193.6	192.1	212.6
<u>Durable Goods</u>								
IRON AND STEEL AND THEIR PRODUCTS	125.4	121.5	120.6	169.2	211.9	202.2	200.4	321.4
Blast furnaces, steel works, and rolling mills	114.9	111.1	109.7	122.2	181.2	176.6	169.4	225.5
Gray-iron and semi-steel castings	123.7	119.3	116.5	127.6	240.5	221.1	222.3	261.7
Malleable-iron castings	127.5	128.1	121.5	142.1	259.3	242.6	235.4	305.6
Steel castings	172.5	170.0	177.4	238.1	297.1	281.7	289.7	454.9
Cast-iron pipe and fittings	90.6	87.2	83.5	95.3	176.7	170.7	164.5	192.1
Tin cans and other tinware	116.8	110.8	112.7	123.9	201.8	185.5	186.2	215.6
Wire drawn from purchased rods	131.7	127.1	126.3	147.6	199.7	191.3	189.2	257.1
Wirework	106.2	98.4	93.0	113.7	187.2	178.2	171.1	235.8
Cutlery and edge tools	149.7	144.3	140.3	157.3	301.7	283.5	272.5	333.0
Tools (except edge tools, machine tools, files, and saws)	151.5	145.9	142.8	177.2	272.5	253.9	254.1	347.1
Hardware	103.5	96.7	97.7	130.3	195.0	177.6	183.9	275.9
Plumbers' supplies	81.4	77.1	73.3	89.8	137.7	126.4	116.0	168.0
Stoves, oil burners, and heating equipment not elsewhere classified	111.3	105.3	101.4	138.6	198.5	182.1	179.7	269.4
Steam and hot-water heating apparatus and steam fittings	145.0	139.3	133.1	182.6	253.9	238.1	230.2	353.6
Stamped and enameled ware and galvanizing	121.3	115.4	109.8	156.6	222.4	209.0	200.1	332.3
Fabricated structural and ornamental metalwork	123.1	119.5	116.3	205.0	195.9	187.7	186.7	401.7
Metal doors, sash, frames, molding, and trim	96.8	94.2	92.4	139.2	170.1	164.7	159.5	274.5
Bolts, nuts washers, and rivets	145.2	141.3	136.7	169.5	266.4	259.4	246.0	333.0
Forgings, iron and steel	162.8	157.7	167.2	229.5	288.9	266.3	286.5	437.3
Wrought pipe, welded and heavy riveted	169.5	163.6	164.3	292.1	271.8	255.1	247.5	583.4
Screw-machine products and wood screws	154.0	149.5	147.6	253.5	284.4	272.5	267.2	498.7
Steel barrels, kegs, and drums	101.8	97.0	87.3	132.5	131.8	178.0	154.6	270.4
Firearms	209.8	235.4	223.0	736.2	387.9	426.8	399.0	1659.2
ELECTRICAL MACHINERY	179.6	177.8	173.4	275.6	298.4	290.3	278.3	512.8
Electrical equipment	161.5	166.1	161.0	238.9	261.3	264.9	254.2	452.0
Radios and phonographs	144.3	131.8	128.6	274.1	262.5	237.5	218.2	537.3
Communication equipment	227.9	207.6	203.7	329.5	381.4	328.7	323.3	548.1

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Dec. 1946	Nov. 1946	Oct. 1946	Dec. 1944	Dec. 1946	Nov. 1946	Oct. 1946	Dec. 1944
MACHINERY, EXCEPT ELECTRICAL,	166.2	165.9	165.7	223.1	277.4	272.6	273.0	429.8
Machinery and machine-shop products	160.5	160.7	163.2	222.2	265.4	263.4	269.4	410.4
Engines and turbines	206.8	228.6	230.0	363.2	367.6	336.7	379.5	307.6
Tractors	164.6	161.3	158.1	183.5	235.3	223.8	220.0	294.4
Agricultural machinery, excluding tractors	145.0	135.3	129.0	160.4	249.4	230.9	229.0	332.4
Machine tools 2/	145.6	142.4	138.1	202.8	244.5	233.0	254.9	361.0
Machine-tool accessories	185.5	181.2	182.3	258.3	279.2	269.9	270.7	452.3
Textile machinery	127.5	120.2	116.5	124.6	241.2	218.9	215.2	240.9
Pumps and pumping equipment	216.8	215.5	215.0	302.7	400.3	384.8	386.0	650.2
Typewriters	88.1	88.6	77.7	77.9	163.9	153.0	144.6	153.0
Cash registers, adding and calculating machines	139.3	130.5	123.9	156.3	239.2	231.3	207.1	298.4
Washing machines, wringers, and driers, domestic	126.5	115.9	99.0	156.3	207.1	186.4	157.9	298.0
Sewing machines, domestic and industrial	100.3	97.0	95.9	157.9	180.6	188.4	191.0	291.6
Refrigerators and refrigeration equipment	98.2	111.5	99.1	149.6	144.0	175.6	158.6	287.3
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	328.7	349.2	405.1	1344.5	566.0	505.7	687.5	2952.4
Locomotives	360.2	482.8	421.5	548.7	778.1	1011.1	921.2	1321.8
Cars, electric- and steam- railroad	186.2	182.8	170.0	234.7	314.8	302.5	292.5	510.7
Aircraft and parts, excluding aircraft engines	307.6	309.1	319.9	1603.5	526.8	512.0	537.4	3197.6
Aircraft engines	246.0	300.5	331.1	2422.0	345.8	382.8	44.3	4294.3
Shipbuilding and boatbuilding	387.0	413.2	531.8	1498.0	660.1	641.5	893.4	3446.4
Motorcycles, bicycles, and parts	129.2	124.9	93.6	134.7	220.4	209.4	151.6	254.7
AUTOMOBILES	91.7	123.7	110.2	171.2	129.7	115.6	165.5	317.9
NONFERROUS METALS AND THEIR PRODUCTS	136.9	134.3	128.1	175.5	241.3	254.8	222.0	341.3
Smelting and refining, primary, of nonferrous metals 2/	129.1	123.1	125.3	143.9	224.5	222.3	222.2	265.5
Alloying and rolling and drawing of nonferrous metals except aluminum	140.6	137.4	129.2	179.2	247.0	238.7	225.4	547.8
Clocks and watches	112.9	108.1	102.8	123.1	211.6	199.3	189.2	276.9
Jewelry (precious metals) and jewelers' findings	106.0	102.9	98.1	93.5	202.2	184.4	174.3	168.7
Silverware and plated ware	96.8	88.8	83.0	91.7	192.3	173.5	150.5	168.9
Lighting equipment	90.1	105.8	96.2	128.6	138.5	175.5	155.4	238.6
Aluminum manufactures	172.6	162.9	152.9	274.1	266.7	252.9	235.0	512.4
Sheet-metal work, not elsewhere classified	116.2	112.9	113.8	172.8	215.0	200.0	200.5	341.0

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
LUMBER AND TIMBER BASIC PRODUCTS	98.6	96.8	96.3	111.3	165.6	164.3	169.1	200.1
Sawmills and logging camps	67.9	66.8	66.5	76.7	113.4	113.8	117.4	138.8
Planing and plywood mills	86.3	83.9	83.4	97.2	142.3	137.3	140.4	166.7
FURNITURE AND FINISHED LUMBER PRODUCTS	98.1	93.6	89.8	103.7	180.7	166.5	161.9	193.9
Mattresses and bedsprings	94.3	84.0	79.3	97.8	167.4	143.1	133.8	180.2
Furniture	90.1	85.3	82.0	96.5	164.3	151.1	147.1	179.7
Wooden boxes, other than cigar Caskets and other morticians' goods	93.3	93.2	91.7	108.4	189.5	180.7	177.4	219.6
Wood preserving	97.8	96.6	95.0	94.7	164.7	153.0	156.9	139.6
Wood, turned and shaped	101.4	94.9	88.9	87.8	212.2	206.4	200.4	185.6
	96.6	95.2	90.2	93.4	181.9	171.5	164.4	178.2
STONE, CLAY, AND GLASS PRODUCTS	111.0	107.4	109.8	112.2	186.1	177.4	184.9	192.1
Glass and glassware	112.9	110.1	124.0	125.8	184.0	170.9	196.1	203.8
Glass products made from purchased glass	108.0	108.1	102.9	106.9	180.8	184.8	183.0	186.5
Cement	89.0	84.8	85.1	72.1	136.8	135.4	139.4	114.1
Brick, tile, and terra cotta	87.5	82.6	78.5	73.4	147.5	139.1	133.4	118.3
Pottery and related products	123.0	119.9	117.1	120.9	195.3	188.1	186.7	193.6
Gypsum	93.8	92.4	84.3	80.0	158.4	155.1	148.0	140.4
Wallboard, plaster (except gypsum), and mineral wool Lime	121.5	117.7	113.4	119.3	229.7	220.6	220.5	217.8
	84.1	81.8	73.8	80.9	170.6	167.8	166.8	156.0
Marble, granite, slate, and other products	75.4	71.3	69.5	75.4	115.6	105.3	107.2	114.2
Abrasives	211.2	210.7	214.5	273.6	337.8	328.8	327.1	400.6
Asbestos products	108.1	105.2	110.3	128.4	213.0	206.7	215.8	266.0
Nondurable Goods								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	95.3	91.1	90.6	96.8	184.1	171.3	166.1	179.0
Cotton manufactures, except small wares	107.0	100.7	102.1	109.5	216.2	199.9	198.6	212.3
Cotton small wares	100.3	98.5	94.5	102.4	191.5	178.2	167.4	190.4
Silk and rayon goods	72.7	70.5	71.1	75.0	148.8	142.0	143.0	142.3
Woolen and worsted manufactures, except dyeing and finishing	98.8	95.8	93.5	99.4	200.0	184.0	178.3	194.9
Hosiery	65.6	64.0	61.8	64.4	113.1	109.0	105.3	105.9
Knitted cloth	98.1	94.9	93.1	95.0	187.1	180.1	176.6	170.6
Knitted outerwear and knitted gloves	101.9	100.5	97.0	104.4	197.7	192.5	187.6	193.0
Knitted underwear	87.6	87.1	86.3	89.9	166.1	161.5	161.1	166.8
Dyeing and finishing textiles, including woolen and worsted 2/	88.3	80.8	80.0	90.1	164.4	142.6	137.1	156.5
Carpets and rugs, wool	76.6	72.0	69.8	79.7	132.5	124.6	114.9	140.6
Hats, fur-felt	69.7	67.4	65.7	65.1	147.4	140.6	135.8	127.6
Jute goods, except felts	103.7	100.0	98.0	92.5	206.2	196.8	193.1	184.2
Ropage and twine	120.5	117.2	115.7	127.4	228.4	220.4	217.9	244.1

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	100.9	100.6	101.0	109.6	182.6	177.7	183.6	195.0
Men's clothing, not elsewhere classified	81.1	81.1	82.4	93.5	140.7	136.9	141.0	164.5
Shirts, collars, and nightwear	72.0	71.6	70.1	72.3	133.5	132.1	131.2	123.0
Underwear and neckwear, men's	72.9	72.5	67.5	75.1	152.4	147.7	141.7	150.1
Work shirts	96.5	97.5	98.5	105.3	172.7	188.7	201.1	204.4
Women's clothing, not elsewhere classified	75.3	74.8	75.5	79.8	141.4	136.4	141.9	143.5
Corsets and allied garments	79.2	79.2	77.5	80.4	140.0	142.7	139.0	138.9
Millinery	75.0	73.9	75.3	78.0	120.0	110.4	135.4	113.2
Handkerchiefs	49.1	53.0	54.8	57.7	92.4	98.3	101.7	107.0
Curtains, draperies, and bedspreads	68.1	66.2	65.1	75.7	132.8	129.6	127.7	150.7
House furnishings, other than curtains, etc.	85.8	85.2	81.3	111.9	151.0	149.9	142.2	215.2
Toxtille bags	125.9	125.2	123.2	116.6	209.7	208.4	207.9	202.0
LEATHER AND LEATHER PRODUCTS	93.1	90.6	88.5	91.0	175.4	161.9	161.7	163.2
Leather	89.7	86.2	84.2	83.8	161.6	146.4	151.1	145.5
Boot and shoe cut stock and findings	89.0	86.4	84.3	85.8	154.6	138.0	138.1	146.1
Boots and shoes	81.6	79.6	77.7	79.5	157.1	145.7	144.2	145.7
Leather gloves and mittens	113.9	109.5	111.0	125.6	202.1	183.9	197.6	209.0
Trunks and suitcases	146.4	141.8	136.6	154.7	263.7	256.7	243.6	261.8
FOOD	120.5	121.9	125.7	124.6	210.6	206.4	207.7	207.1
Slaughtering and meat packing	120.3	110.0	105.3	129.0	211.5	185.2	173.1	227.6
Butter	121.1	126.5	127.0	116.0	197.6	203.5	204.1	181.4
Condensed and evaporated milk	132.8	137.5	144.0	132.1	215.9	223.5	235.7	213.1
Ice cream	96.7	99.4	101.9	87.1	148.8	151.6	153.0	125.8
Flour	125.1	124.9	125.7	118.3	221.9	212.3	224.1	198.8
Feeds, prepared	151.6	152.6	151.5	133.7	262.1	267.9	262.3	229.4
Cereal preparations	133.8	122.0	108.6	115.9	230.3	211.9	194.9	210.3
Baking	109.8	110.2	109.6	114.8	181.2	181.4	176.8	176.5
Sugar refining, cane	91.4	87.1	85.9	103.6	142.9	125.9	127.2	179.9
Sugar, beet	173.0	220.9	183.7	149.5	281.7	361.9	256.7	189.4
Confectionery	110.9	111.3	107.8	125.5	201.6	197.6	188.0	210.8
Beverages, nonalcoholic	111.0	111.2	113.1	122.7	150.6	150.8	153.4	162.7
Malt liquors	148.0	150.2	150.8	141.5	227.1	225.2	226.2	204.8
Canning and preserving	79.8	92.7	124.8	84.6	167.3	179.4	251.7	162.9
TOBACCO MANUFACTURES	87.4	88.8	91.9	90.7	163.3	171.4	181.0	177.8
Cigarettes	120.4	127.1	131.0	132.7	184.8	207.8	217.9	222.8
Cigars	68.8	67.7	70.5	67.5	148.8	146.7	158.7	147.2
Tobacco (chewing and smoking) and snuff	92.5	91.5	93.1	94.1	155.8	150.5	156.9	162.7

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
PAPER AND ALLIED PRODUCTS	122.4	119.3	117.5	119.4	212.2	204.9	201.2	200.5
Paper and pulp	111.4	107.8	105.8	107.1	196.6	190.0	186.7	185.0
Paper goods, other	117.6	114.7	114.5	121.1	198.1	185.6	184.0	197.8
Envelopes	112.3	110.5	111.6	111.4	178.8	176.8	176.2	176.6
Paper bags	121.2	118.8	114.0	120.3	218.3	215.2	206.1	211.6
Paper boxes	118.0	116.3	114.6	114.3	203.1	197.0	192.3	185.0
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	108.1	105.9	102.5	100.1	163.2	158.5	150.7	141.1
Newspapers and periodicals	102.7	101.0	97.2	93.2	141.9	138.3	132.9	121.5
Printing, book and job	115.6	112.9	110.0	107.2	184.0	178.1	166.6	159.6
Lithographing	103.3	100.1	96.5	95.1	162.3	157.1	148.2	136.2
Bookbinding	111.8	110.1	107.9	109.7	207.0	201.2	191.4	189.0
CHEMICALS AND ALLIED PRODUCTS	153.4	154.3	153.5	215.4	258.9	256.6	259.6	377.9
Paints, varnishes, and colors	114.6	112.6	110.1	106.8	178.1	174.7	171.9	170.7
Drugs, medicines, and insecticides	177.2	175.3	173.6	161.3	276.1	268.7	268.8	272.1
Perfumes and cosmetics	117.2	119.5	121.4	122.2	178.7	181.0	185.1	172.3
Soap	100.1	100.1	98.6	100.3	168.9	161.9	165.1	172.9
Rayon and allied products 2/	119.6	117.9	115.0	112.3	194.7	188.9	166.2	180.1
Chemicals, not elsewhere classified	163.2	159.0	157.0	166.0	266.6	260.8	261.3	291.1
Explosives and safety fuses	277.3	338.0	416.6	1286.5	474.2	527.6	635.9	1969.5
Compressed and liquefied gases	139.0	158.9	142.6	149.4	224.2	225.3	232.5	266.2
Ammunition, small-arms	233.2	263.9	242.8	1291.8	436.5	487.7	472.0	2632.5
Fireworks	190.8	263.9	279.6	2319.0	482.5	660.5	696.1	6444.3
Cottonseed oil	128.0	135.7	118.5	134.0	279.6	305.8	265.0	289.3
Fertilizers	116.3	110.7	108.4	114.4	256.1	240.2	249.8	249.8
PRODUCTS OF PETROLEUM AND COAL	131.3	130.7	122.8	125.1	221.9	223.4	196.8	221.9
Petroleum refining	130.9	131.0	121.5	124.7	213.6	218.1	189.7	214.9
Coke and by-products	106.2	103.1	100.0	101.2	193.3	184.2	162.6	162.0
Paving materials	64.5	72.4	72.0	60.0	125.3	134.3	140.7	121.0
Roofing materials	124.1	122.2	119.3	119.5	225.5	219.3	216.6	217.5
RUBBER PRODUCTS	156.5	148.2	144.3	163.3	255.7	239.8	237.0	300.5
Rubber tires and inner tubes	177.0	168.9	163.0	174.1	256.7	240.2	239.8	319.4
Rubber boots and shoes	107.1	104.1	101.8	125.8	194.5	193.5	185.5	226.5
Rubber goods, other	124.4	118.8	114.3	138.4	223.4	207.0	202.4	255.7
MISCELLANEOUS INDUSTRIES	157.6	133.4	130.3	160.4	250.0	236.1	229.1	332.2
Instruments (professional and scientific), and fire control equipment	202.6	202.3	216.0	533.5	335.9	324.6	345.5	1058.2
Photographic apparatus	129.9	124.6	119.5	161.9	203.1	190.0	189.3	258.9
Optical instruments and ophthalmic goods	171.1	167.0	164.0	202.5	290.6	281.2	273.4	346.0
Pianos, organs, and parts	80.2	73.8	69.1	92.7	136.3	117.9	109.7	170.1
Games, toys, and dolls	93.4	85.5	77.3	90.1	173.4	153.8	139.8	188.6
Buttons	85.5	84.3	82.1	80.6	174.4	167.5	163.5	166.4
Fire extinguishers	219.1	229.8	232.7	503.6	465.0	459.3	461.3	1045.9

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.

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

Machine tools - September 1945 employment index to 163.1; pay-roll index to 260.5.

Smelting and refining, primary, of nonferrous metals - September 1945 employment index to 130.4; pay-roll index to 234.2.

Dyeing and finishing textiles, including woolen and worsted - September 1945 pay-roll index to 144.8.

Rayon and allied products - September 1945 employment index to 111.8; pay-roll index to 175.4.

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

Industry Group or Industry	Employment Indexes				Pay-roll Indexes			
	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
Mining:								
Anthracite	79.0	78.2	78.1	79.2	167.1	144.5	170.8	148.8
Bituminous coal	88.8	87.5	70.8	91.3	220.3	210.7	122.8	199.8
Metal:	75.2	73.2	72.2	78.5	119.1	117.2	118.4	127.7
Iron	117.4	118.0	117.5	118.3	184.0	191.8	204.5	183.4
Copper	82.5	79.7	78.9	93.2	135.4	129.6	129.0	163.8
Lead and zinc	91.5	87.9	85.2	95.2	173.5	167.6	161.4	179.7
Gold and silver	26.2	24.3	23.1	22.4	34.4	31.7	29.5	29.9
Miscellaneous	57.8	55.4	57.4	73.5	87.7	84.4	88.6	122.1
Quarrying and nonmetallic	83.6	85.0	83.9	79.5	154.4	163.2	164.3	143.5
Crude petroleum								
production 1/	90.0	86.7	84.9	82.1	141.3	142.8	133.6	131.7
Public utilities:								
Telephone	143.0	139.4	135.6	126.7	203.5	200.3	189.0	158.6
Telegraph	126.4	124.8	123.2	121.7	178.8	177.9	177.6	174.0
Electric light and power	90.7	88.1	85.7	82.0	128.9	125.7	120.9	114.5
Street railways and busses	122.7	121.7	119.2	117.7	184.0	179.1	178.1	173.5
Wholesale trade	104.1	101.8	99.4	97.1	159.2	155.2	150.7	142.3
Retail trade:	116.0	106.1	101.2	111.9	167.7	152.0	144.2	146.8
Food	108.0	106.5	104.6	110.2	159.4	154.9	149.7	145.0
General merchandise	152.6	127.4	115.9	152.2	209.3	172.5	157.7	190.7
Apparel	129.1	117.1	112.5	131.3	194.4	175.7	167.8	178.9
Furniture and house furnishings	75.0	69.3	65.6	67.5	114.3	103.8	97.7	97.0
Automotive	84.5	80.0	75.7	68.9	134.8	126.4	117.3	102.8
Lumber and building materials	102.0	101.0	99.0	91.4	156.6	150.7	150.9	132.4
Hotels (year-round) 2/	117.6	116.5	115.0	110.5	196.1	190.6	184.6	169.5
Power laundries	107.8	106.7	107.4	107.8	174.3	168.9	169.1	162.3
Cleaning and dyeing	119.9	120.6	124.7	114.5	196.9	193.5	207.6	178.6
Class I steam railroads 3/	141.5	142.4	141.4	141.8	4/	4/	4/	4/
Water transportation 5/	315.7	315.1	311.0	274.5	583.1	582.1	566.8	672.9

1/ Does not include well drilling or rig building.

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

3/ Source: Interstate Commerce Commission.

4/ Not available.

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	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
Mining:				
Anthracite	65.4	64.8	64.7	65.6
Bituminous coal	329	324	262	338
Metal:	66.3	64.6	63.7	69.2
Iron	23.6	23.7	23.7	23.8
Copper	19.7	19.0	18.8	22.2
Lead and zinc	14.2	13.7	13.2	14.8
Gold and silver	6.5	6.0	5.7	5.5
Miscellaneous	2.3	2.2	2.3	2.9
Telephone ^{1/}	454	443	431	403
Telegraph ^{2/}	47.6	47.0	46.4	45.8
Electric light and power ^{1/}	222	215	209	200
Street railways and busses ^{1/}	238	236	231	228
Hotels (year-round) ^{1/}	579	376	371	358
Power laundries	^{3/}	^{3/}	^{3/}	^{3/}
Cleaning and dyeing	^{3/}	^{3/}	^{3/}	^{3/}
Class I steam railroads ^{4/}	1,398	1,406	1,397	1,400
Water transportation ^{5/}	166	165	163	144

^{1/} Data include salaried personnel.

^{2/} Excludes messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies. Data include salaried personnel.

^{3/} 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.

^{4/} Source: Interstate Commerce Commission. Data include salaried personnel.

^{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 5. - Percentage Changes in Employment and Pay Rolls in Selected Nonmanufacturing Industries, December 1945

Industry	Employment Percentage change from		Pay Roll Percentage change from	
	Nov. 1945	Dec. 1944	Nov. 1945	Dec. 1944
Wholesale trade:	+ 2.2	+ 7.2	+ 2.5	+11.9
Food products	+ 1.1	+ 5.2	+ .2	+10.4
Groceries and food specialties	+ 2.0	+ 3.5	+ 1.2	+10.0
Dry goods and apparel	+ .5	- 1.7	- 3.1	+ 5.4
Machinery, equipment and supplies	+ 2.3	+ 7.6	+ 1.8	+ 7.9
Farm products	+ 5.6	+36.9	+ 6.6	+32.7
Petroleum and petroleum products (incl. bulk tank stations)	+ 3.3	+11.9	+ 2.8	+16.2
Automotive	+ 3.2	+19.0	+ 4.0	+24.3
Brokerage	+ 5.5	+21.3	+ 9.0	+12.6
Insurance	+ 1.6	+ 4.9	+ 4.8	+11.0

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

(In thousands)

Industry Division	Dec. 1945	Nov. 1945	Oct. 1945	Dec. 1944
Total <u>1/</u>	36,339	35,631	35,231	38,889
Manufacturing <u>2/</u>	11,935	11,966	11,952	15,632
Mining	802	793	718	806
Contract Construction and Federal force account construction	1,032	1,014	1,006	594
Transportation and public utilities	3,896	3,870	3,825	3,770
Trade	7,969	7,568	7,331	7,611
Finance, service, and miscellaneous	4,936	4,845	4,698	4,304
Federal, State and local government, excluding Federal force account construction	5,769	5,575	5,701	6,172

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		
	Nov. 1945	Oct. 1945	Nov. 1944	Nov. 1945	Oct. 1945	Nov. 1944
New England <u>1/2/</u>	2,705	2,704	2,907	1,172	1,184	1,499
Maine	212	222	248	79.2	86.3	112.2
New Hampshire	128	131	128	59.7	62.2	64.9
Vermont	81.4	81.9	79.6	29.3	29.4	31.7
Massachusetts	1,444	1,433	1,582	571	569	717
Rhode Island <u>1/2/</u>	239	244	275	120	125	155
Connecticut	601	592	693	313	310	418
Middle Atlantic	8,418	8,333	9,149	3,254	3,227	4,049
New York	4,200	4,172	4,538	1,408	1,397	1,791
New Jersey	1,286	1,277	1,488	641	630	858
Pennsylvania	2,932	2,884	3,123	1,205	1,200	1,400
East North Central <u>1/3/</u>	7,751	7,633	8,554	3,442	3,353	4,429
Ohio	2,091	2,070	2,316	956	944	1,203
Indiana	901	890	1,033	405	407	502
Illinois <u>1/3/</u>	2,501	2,555	2,727	1,018	989	1,243
Michigan	1,444	1,396	1,707	705	663	985
Wisconsin <u>1/3/</u>	724	714	771	350	350	433
West North Central <u>1/3/</u>	2,631	2,617	2,812	662	665	852
Minnesota <u>1/3/</u>	601	604	617	172	177	212
Iowa <u>1/3/</u>	431	424	435	121.6	119.3	152.6
Missouri	800	865	946	250	255	340
North Dakota <u>1/3/</u>	74.4	73.7	71.1	5.9	5.9	6.3
South Dakota <u>1/3/</u>	81.4	81.6	79.5	9.6	9.2	9.5
Nebraska <u>1/3/</u>	247	240	261	47.9	43.6	62.9
Kansas	330	329	402	55.5	57.3	131.9
South Atlantic	4,215	4,220	4,538	1,259	1,271	1,608
Delaware	84.2	84.2	95.6	37.5	37.9	50.8
Maryland	577	601	679	193	208	300
District of Columbia	447	452	464	13.8	13.7	14.2
Virginia	626	636	692	164	166	200
West Virginia	395	376	415	107.3	109.4	130.0
North Carolina	690	684	712	326	320	356
South Carolina	359	359	375	159	158	166
Georgia	595	600	669	199	200	279
Florida	442	426	466	59.1	58.3	112.1

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

(In thousands)

Region and State	All industry divisions			Manufacturing		
	Nov. 1945	Oct. 1945	Nov. 1944	Nov. 1945	Oct. 1945	Nov. 1944
East South Central	1,615	1,603	1,773	526	531	685
Kentucky	411	398	450	98.2	100.8	120.9
Tennessee	504	502	542	173	173	215
Alabama	471	474	546	136	169	264
Mississippi	229	229	255	68.6	68.0	85.3
West South Central	2,329	2,319	2,549	472	473	704
Arkansas	233	232	244	52.3	49.1	69.7
Louisiana	449	452	495	122.8	127.1	169.9
Oklahoma	336	333	376	42.9	42.9	84.3
Texas	1,311	1,302	1,434	254	254	380
Mountain	892	888	903	109	109	136
Montana	109	103	109	10.5	10.7	13.8
Idaho	95.4	94.6	97.5	14.8	15.1	17.3
Wyoming	66.4	65.7	61.6	5.1	4.7	5.1
Colorado	261	260	266	44.5	43.9	49.9
New Mexico	83.1	82.4	78.8	5.7	5.3	5.0
Arizona	99.2	98.6	105.9	8.1	8.3	17.8
Utah	136	136	145	18.6	19.9	25.2
Nevada	42.3	42.9	38.7	1.3	1.5	2.0
Pacific <u>1/ 4/</u>	2,980	3,057	3,553	795	882	1,421
Washington	519	529	642	141	149	261
Oregon	237	237	364	77.7	86.0	166.5
California <u>1/ 4/</u>	2,174	2,231	2,547	574	617	993

- 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 Division." 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/ Address: Regional Director, U. S. Department of Labor, Chicago 6, Illinois.
- 4/ Address: Division of Labor Statistics and Research, 515 Van Ness Avenue, San Francisco 2, California.

Table 8.—Employment and Pay Rolls in Regular Federal Services and in Government Corporations, December 1945 and Selected Other Months

(In thousands)

Branch	Employment <u>1/</u>			Pay rolls <u>2/</u>		
	December 1945 <u>3/</u>	November 1945 <u>4/</u>	December 1944	December 1945 <u>3/</u>	November 1945 <u>3/</u>	December 1944
Total	3,477.4	3,339.4	3,762.9	\$757,577	\$520,759	\$708,831
Executive <u>5/</u>	3,433.4	3,295.5	3,659.2	749,802	573,307	700,870
Washington metropolitan area	233.8	232.6	260.9	73,960	50,625	55,445
War agencies <u>6/</u>	94.1	97.6	128.5	28,348	20,336	25,646
Other agencies	139.7	135.0	132.4	45,612	30,289	29,799
Other areas	3,199.6	3,062.9	3,398.3	675,842	522,682	645,425
War agencies <u>6/</u>	2,112.3	2,231.3	2,412.7	403,500	353,320	423,972
Continental United States	1,377.9	1,440.7	1,917.7	350,041	294,593	430,346
Outside Continental United States <u>7/</u>	734.4	790.6	495.0	53,459	53,727	53,626
Other agencies	1,087.3	831.6	985.6	272,342	169,362	161,453
Continental United States	1,062.4	807.4	968.7	266,820	154,039	157,850
Outside continental United States <u>7/</u>	24.9	24.2	16.9	5,462	5,323	3,603
Legislative	5.4	6.4	6.2	1,756	1,757	1,513
Judicial	2.9	2.9	2.6	1,184	944	779
Government corporations <u>8/</u>	34.7	34.6	34.9	4,835	4,751	5,669

Prepared by the Division of Construction and Public Employment.

- 1/ Employment is as of the first of the month except for the seasonal post office workers included in the executive service for December of each year.
- 2/ Data are for all pay periods ending within the calendar month. Figures for December 1945 include 3 pay periods covering 6 weeks for per annum employees. Data for September - October 1945 have been revised and may be secured from the February 1946 issue of the Monthly Labor Review, "Trend of Employment, Earnings and Hours", tables 2 and 3.
- 3/ Preliminary.
- 4/ Revised.
- 5/ Includes data for United States navy yards and force-account construction which are also included under construction and shipbuilding and repair projects (tables 10 and 11). Beginning July 1945, data include pay rolls for approximately 22,000 clerks at third-class post offices who formerly worked on a contract basis.
- 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 whose employees are paid out of operating revenues and not out of Federal appropriations. Data for other Government corporations are included under the executive service.

Table 9.--Total Employment and Pay Rolls in United States Navy Yards
and Private Shipyards Within Continental United States
by Shipbuilding Region, December 1945

Shipbuilding region	Employment (in thousands)			Pay rolls (in thousands)		
	December 1945 <u>1/</u>	November 1945	December 1944	December 1945 <u>1/</u>	November 1945	December 1944
All regions	528.1	561.0	1,454.4	\$119,258	\$124,515	\$431,760
U. S. navy yards <u>2/</u>	225.6	229.0	319.3	52,192	51,003	95,255
Private shipyards	302.5	332.0	1,135.1	67,066	73,512	336,505
North Atlantic	243.6	253.2	515.9	57,206	58,541	156,369
South Atlantic	58.3	63.5	128.9	13,232	13,304	38,208
Gulf	46.3	54.4	194.6	9,306	10,914	55,634
Pacific	167.8	176.8	507.5	36,908	38,911	148,355
Great Lakes	7.1	7.3	53.0	1,549	1,623	17,128
Inland	5.0	5.8	54.5	1,057	1,222	16,066

1/ Preliminary.

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

Table 10.—Estimated Employment and Pay Rolls on Construction Within Continental United States, December 1944 and November and December 1945
(In thousands)

Type of project	Employment			Pay rolls		
	December 1945 <u>1/</u>	November 1945 <u>2/</u>	December 1944	December 1945 <u>1/</u>	November 1945	December 1944
New construction total <u>3/</u>	1,205.5	1,132.8	682.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
At the construction site	1,049.9	1,035.6	606.3	<u>4/</u>	<u>4/</u>	<u>4/</u>
Federal projects <u>5/</u>	<u>6/</u> 96.9	<u>6/</u> 115.9	<u>6/</u> 225.1	<u>7/</u> \$17,859	<u>7/</u> \$21,452	<u>7/</u> \$37,707
Airports	4.3	5.9	9.0	847	1,316	1,798
Buildings	50.8	66.3	160.6	8,994	11,431	25,056
Residential	3.7	5.4	10.8	814	1,172	2,218
Nonresidential <u>8/</u>	<u>6/</u> 47.1	<u>6/</u> 60.9	<u>6/</u> 149.8	<u>7/</u> 8,180	<u>7/</u> 10,319	<u>7/</u> 22,838
Electrification	.8	.9	.5	141	186	58
Reclamation	6.4	6.0	8.1	1,239	1,223	1,829
River, harbor, and flood control	18.1	18.4	17.1	3,622	3,819	3,273
Streets and highways	9.5	10.2	9.8	1,766	1,875	1,623
Water and sewer systems	2.4	2.3	3.9	420	401	622
Miscellaneous	4.6	5.9	16.1	830	1,141	3,448
Non-Federal projects	953.0	919.7	381.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
Buildings	704.1	630.1	208.9	159,830	142,403	48,674
Residential	293.5	263.2	83.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
Nonresidential	410.6	366.9	125.4	<u>4/</u>	<u>4/</u>	<u>4/</u>
Farm dwellings and service buildings	53.0	80.8	48.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Public utilities	113.3	120.6	90.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Streets and highways	33.7	37.1	18.4	<u>4/</u>	<u>4/</u>	<u>4/</u>
State	13.0	14.5	8.9	<u>4/</u>	<u>4/</u>	<u>4/</u>
County and municipal	20.7	22.6	9.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
Miscellaneous	48.9	51.1	14.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Other <u>9/</u>	155.6	147.2	76.3	<u>4/</u>	<u>4/</u>	<u>4/</u>
Maintenance of State roads <u>10/</u>	87.5	89.6	78.8	<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: December 1945, 16,747, \$3,039,700; November 1945, 16,765, \$3,101,500; December 1944, 21,156, \$4,144,300. These employees are also included under the Federal executive service (table-8); 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: December 1945, 6,600; November 1945, 10,400, December 1944, 44,000.
- 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.