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EMPLOYMENT AND PAY ROLLS

Detailed Report

January 1946

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Table 1. - Estimated Number of Production Workers in Manufacturing Industries <sup>1/</sup>  
(In thousand's)

Industry Group or Industry	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
ALL MANUFACTURING	10,076	9,932	9,966	13,301
DURABLE GOODS	4,936	4,854	4,937	7,921
NONDURABLE GOODS	5,138	5,108	5,029	5,380
Durable Goods				
IRON AND STEEL AND THEIR PRODUCTS	1,260	1,243	1,205	1,684
Elast furnaces, steel works, and rolling mills	447.8	446.3	431.5	474.8
Gray-iron and semi-steel castings	74.3	72.3	69.7	75.7
Malleable-iron castings	24.5	23.0	23.1	25.9
Steel castings	52.1	51.9	51.1	72.1
Cast-iron pipe and fittings	15.4	15.1	14.5	15.8
Tin cans and other tinware	38.0	37.1	35.2	39.8
Wire drawn from purchased rods	29.4	28.9	27.9	32.8
Wirework	34.0	33.1	30.6	34.6
Cutlery and edge tools	23.5	23.1	22.3	24.3
Tools (except edge tools, machine tools, files, and saws)	24.2	23.2	22.3	27.6
Hardware	38.2	36.9	34.5	46.2
Plumbers' supplies	21.7	20.0	18.9	22.5
Stoves, oil burners, and heating equipment not elsewhere classified	51.6	51.3	48.6	63.3
Steam and hot-water heating apparatus and steam fittings	44.0	43.9	42.2	55.6
Stamped and enameled ware and galvanizing	68.6	67.4	64.1	87.3
Fabricated structural and ornamental metalwork	44.5	43.7	42.4	73.2
Metal doors, sash, frames, molding, and trim	7.9	7.5	7.3	10.7
Bolts, nuts, washers, and rivets	20.9	20.8	20.2	23.9
Forgings, iron and steel <sup>2/</sup>	25.5	25.1	24.2	35.6
Wrought pipe, welded and heavy riveted	14.1	14.2	13.7	23.8
Screw-machine products and wood screws	26.8	26.1	25.3	42.7
Steel barrels, kegs, and drums	6.3	6.2	5.9	8.1
Firearms	10.9	10.3	11.7	35.0
ELECTRICAL MACHINERY	456	465	461	709
Electrical equipment	289.7	292.0	300.3	429.3
Radios and phonographs	65.7	62.8	57.3	118.0
Communication equipment	63.6	73.2	66.7	104.9

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

Industry Group or Industry	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
<b>MACHINERY, EXCEPT ELECTRICAL</b>	<b>904</b>	<b>878</b>	<b>877</b>	<b>1,182</b>
Machinery and machine-shop products	332.7	324.7	325.0	451.8
Engines and turbines	39.0	38.6	42.6	68.1
Tractors	53.0	51.5	50.5	58.2
Agricultural machinery, excluding tractors	38.8	40.3	37.6	44.6
Machine tools	58.2	53.3	52.1	74.3
Machine-tool accessories	46.8	46.2	45.6	65.0
Textile machinery	29.0	27.9	26.3	26.7
Pumps and pumping equipment	52.8	52.5	52.2	73.8
Typewriters	14.7	14.3	13.6	12.8
Cash registers, adding and calculating machines	29.5	27.4	25.7	30.6
Washing machines, wringers and driers, domestic	9.9	9.6	8.7	12.0
Sewing machines, domestic and industrial	8.1	7.9	7.6	11.1
Refrigerators and refrigeration equipment	36.3	34.5	39.2	52.5
<b>TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES</b>	<b>506</b>	<b>519</b>	<b>552</b>	<b>2,117</b>
Locomotives	23.3	23.3	31.2	33.9
Cars, electric- and steam-railroad	47.2	45.7	44.8	57.8
Aircraft and parts, excluding aircraft engines	119.6	120.7	121.2	639.8
Aircraft engines	21.6	21.9	26.7	212.9
Shipbuilding and boatbuilding	254.5	267.8	286.0	1,020.8
Motorcycles, bicycles, and parts	8.5	8.1	7.8	9.4
<b>AUTOMOBILES</b>	<b>395</b>	<b>373</b>	<b>505</b>	<b>693</b>
<b>NONFERROUS METALS AND THEIR PRODUCTS</b>	<b>320</b>	<b>313</b>	<b>307</b>	<b>404</b>
Smelting and refining, primary, of nonferrous metals	35.3	35.2	34.4	39.5
Alloying and rolling and drawing of nonferrous metals except aluminum	55.7	54.6	53.3	70.6
Clocks and watches	23.7	22.9	21.9	25.7
Jewelry (precious metals) and jewelers' findings	15.8	15.3	14.9	13.3
Silverware and plated ware	12.2	11.7	10.8	11.0
Lighting equipment	17.7	18.5	21.7	26.4
Aluminum manufactures	42.3	40.7	38.4	66.8
Sheet-metal work, not elsewhere classified	22.5	21.8	21.2	31.8

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

Industry Group or Industry	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
<b>LUMBER AND TIMBER BASIC PRODUCTS</b>	<b>424</b>	<b>415</b>	<b>408</b>	<b>465</b>
Sawmills and logging camps	199.9	196.3	193.1	218.5
Planing and plywood mills	64.4	62.5	61.0	70.5
<b>FURNITURE AND FINISHED LUMBER PRODUCTS</b>	<b>332</b>	<b>322</b>	<b>307</b>	<b>339</b>
Mattresses and bedsprings 2/	17.9	17.1	15.3	17.7
Furniture	149.3	143.4	135.9	153.0
Wooden boxes, other than cigar	23.9	23.6	23.6	27.5
Caskets and other morticians' goods	12.5	12.2	12.0	11.9
Wood preserving	11.5	11.4	10.7	10.0
Wood, turned and shaped.	21.3	21.3	20.9	21.6
<b>STONE, CLAY, AND GLASS PRODUCTS</b>	<b>341</b>	<b>326</b>	<b>315</b>	<b>328</b>
Glass and glassware	87.3	78.8	76.7	88.0
Glass products made from purchased glass	10.9	10.8	10.8	10.7
Cement	21.8	21.2	20.2	16.5
Brick, tile, and terra cotta	52.0	49.7	46.9	41.3
Pottery and related products	41.6	40.7	39.7	39.5
Gypsum	4.7	4.6	4.6	4.0
Wallboard, plaster (except gypsum), and mineral wool	10.1	9.8	9.5	9.6
Lime	8.2	7.9	7.7	7.6
Marble, granite, slate, and other products	13.9	14.0	13.2	14.0
Abrasives	16.8	16.3	16.3	21.3
Asbestos products	16.5	17.2	16.7	20.1
<u>Nondurable Goods</u>				
<b>TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES</b>	<b>1,103</b>	<b>1,090</b>	<b>1,042</b>	<b>1,098</b>
Cotton manufactures, except small wares	423.7	423.8	398.9	432.7
Cotton small wares	13.5	13.4	13.1	13.5
Silk and rayon goods	87.5	87.1	84.5	88.8
Woolen and worsted manufactures, except dyeing and finishing	149.1	147.5	143.0	146.6
Hosiery	106.3	104.3	101.7	100.7
Knitted cloth	10.7	10.7	10.4	10.3
Knitted outerwear and knitted gloves	28.7	28.7	28.3	28.5
Knitted underwear	33.6	33.7	33.6	34.4
Dyeing and finishing textiles, including woolen and worsted	60.3	59.1	54.0	59.9
Carpets and rugs, wool	20.1	19.6	18.4	20.3
Hats, fur-felt	10.3	10.1	9.8	9.4
Jute goods, except felts	3.8	3.7	3.6	3.2
Cordage and twine	14.7	14.6	14.2	15.1

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

Industry Group or Industry.	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
<b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.</b>	<b>807</b>	<b>797</b>	<b>795</b>	<b>851</b>
Men's clothing, not elsewhere classified	180.6	177.4	177.4	201.2
Shirts, collars, and nightwear	50.5	50.7	50.5	49.6
Underwear and neckwear, men's	11.1	11.5	11.4	12.0
Work shirts	12.6	13.0	13.1	14.1
Women's clothing, not elsewhere classified	207.5	204.5	203.2	214.6
Corsets and allied garments	15.0	14.9	14.9	14.6
Millinery	19.6	18.2	17.9	19.4
Handkerchiefs	2.3	2.4	2.6	2.6
Curtains, draperies, and bedspreads	11.4	11.5	11.2	10.9
House furnishing, other than curtains, etc.	9.6	9.1	9.1	11.5
Textile bags	14.7	14.7	14.7	14.0
<b>LEATHER AND LEATHER PRODUCTS.</b>	<b>331.</b>	<b>323</b>	<b>314</b>	<b>315</b>
Leather	43.5	42.4	40.7	39.5
Boot and shoe cut stock and findings	17.1	16.8	16.3	16.1
Boots and shoes	82.4	177.8	173.6	173.1
Leather gloves and mittens	11.1	11.4	10.9	12.3
Trunks and suitcases	12.6	12.2	11.8	12.9
<b>FOOD</b>	<b>1,006</b>	<b>1,030</b>	<b>1,042</b>	<b>1,025</b>
Slaughtering and meat packing	149.8	145.1	132.5	154.7
Butter	21.0	21.7	22.7	20.7
Condensed and evaporated milk	12.6	12.9	13.3	13.1
Ice cream	15.0	15.2	15.6	13.3
Flour	31.5	30.9	30.9	29.5
Feeds, prepared	23.8	23.3	23.5	21.3
Cereal preparations	10.1	10.0	9.1	8.9
Baking	256.0	252.2	254.3	257.0
Sugar refining, cane	12.9	12.9	12.3	14.8
Sugar, beet	7.0	18.0	23.0	5.2
Confectionery	52.8	55.2	55.3	58.8
Beverages, nonalcoholic	22.8	23.5	23.6	25.8
Malt liquors	54.8	53.4	54.2	49.6
Canning and preserving	92.1	107.4	124.7	105.3
<b>TOBACCO MANUFACTURES</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>82</b>
Cigarettes	32.5	33.0	34.9	35.2
Cigars	35.2	35.0	34.5	33.3
Tobacco (chewing and smoking) and snuff	8.0	8.5	8.4	8.7

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

Industry Group or Industry	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
<b>PAPER AND ALLIED PRODUCTS</b>	<b>330</b>	<b>325</b>	<b>317</b>	<b>314</b>
Paper and pulp	156.6	153.1	148.2	147.3
Paper goods, other	44.4	44.2	43.2	41.8
Envelopes	9.8	9.8	9.6	9.5
Paper bags	13.6	13.4	13.2	13.1
Paper boxes	82.8	81.6	80.5	77.7
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	<b>359</b>	<b>355</b>	<b>347</b>	<b>324</b>
Newspapers and periodicals	122.3	121.9	119.8	109.6
Printing book and job	148.5	146.0	142.6	134.2
Lithographing	27.3	26.9	26.0	24.4
Bookbinding	29.1	28.7	28.4	27.9
<b>CHEMICALS AND ALLIED PRODUCTS</b>	<b>444</b>	<b>441</b>	<b>444</b>	<b>628</b>
Paints, varnishes, and colors	33.0	32.3	31.7	29.7
Drugs, medicines, and insecticides	49.2	48.6	48.0	49.2
Perfumes and cosmetics	12.0	12.2	12.4	12.2
Soap	13.6	13.6	13.6	13.4
Rayon and allied products	59.3	57.7	56.9	54.1
Chemicals, not elsewhere classified	114.6	112.8	110.6	115.2
Explosives and safety fuses <u>2</u> /	17.3	21.5	26.2	95.1
Compressed and liquefied gases	5.6	5.5	5.5	5.9
Ammunition, small-arms	9.6	9.9	11.3	61.0
Fireworks	2.0	2.2	3.1	25.9
Cottonseed oil	17.7	19.4	20.6	19.8
Fertilizers	24.4	22.2	20.8	23.1
<b>PRODUCTS OF PETROLEUM AND COAL</b>	<b>141</b>	<b>139</b>	<b>138</b>	<b>133</b>
Petroleum refining	96.1	95.1	95.1	91.4
Coke and by-products	23.7	23.0	22.4	22.2
Paving materials	1.4	1.6	1.8	1.4
Roofing materials	10.4	10.1	9.8	9.5
<b>RUBBER PRODUCTS</b>	<b>194</b>	<b>189</b>	<b>181</b>	<b>199</b>
Rubber tires and inner tubes	98.8	96.2	91.4	96.7
Rubber boots and shoes	16.3	15.9	15.4	17.9
Rubber goods, other	65.7	64.4	61.6	71.5
<b>MISCELLANEOUS INDUSTRIES</b>	<b>342</b>	<b>337</b>	<b>326</b>	<b>411</b>
Instruments (professional and scientific), and fire control equipment	22.1	22.4	22.4	58.8
Photographic apparatus	22.0	22.4	21.5	28.0
Optical instruments and ophthalmic goods	20.2	19.9	19.4	23.6
Pianos, organs, and parts	6.8	6.1	5.6	7.3
Games, toys, and dolls	17.6	17.5	15.9	16.5
Buttons	9.6	9.4	9.2	9.2
Fire extinguishers	2.3	2.4	2.3	4.8

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:

Forgings, iron and steel - October 1945 production workers to 24.3.

Mattresses and bedsprings - October 1945 production workers to 14.3.

Explosives and safety fuses - October 1945 production workers to 29.5

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			
	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
ALL MANUFACTURING	125.0	121.6	121.7	162.4	217.2	215.3	212.3	335.2
DURABLE GOODS	136.7	134.4	136.7	219.4	231.7	229.9	231.3	461.5
NONDURABLE GOODS	112.2	111.5	109.8	117.4	203.1	200.9	193.7	211.7
Durable Goods								
IRON AND STEEL AND THEIR PRODUCTS	127.1	125.4	121.5	169.8	207.8	211.9	202.2	321.2
Blast furnaces, steel works, and rolling mills	115.3	114.9	111.1	122.2	171.4	181.2	173.6	324.4
Gray-iron and semi-steel castings	127.2	123.7	119.3	129.5	247.0	240.5	231.1	267.0
Malleable-iron castings	135.7	127.3	128.1	143.6	263.5	259.3	242.3	305.1
Steel castings	173.1	172.8	170.0	239.7	263.9	297.1	281.7	457.3
Cast-iron pipe and fittings	93.3	91.2	87.7	95.9	184.8	173.4	170.3	195.9
Tin cans and other tinware	119.7	116.8	110.8	125.2	207.5	201.8	185.5	219.3
Wire drawn from purchased rods	134.0	131.7	127.1	149.4	199.2	199.7	191.3	260.0
Wirework <u>2/</u>	111.8	108.3	100.8	113.9	206.1	199.9	190.5	230.4
Cutlery and edge tools	152.2	149.7	144.3	157.4	310.2	301.7	283.5	333.6
Tools (except edge tools, machine tools, files, and saws)	153.3	151.5	145.9	180.5	290.3	272.5	253.9	353.7
Hardware	107.0	103.5	96.7	129.5	204.7	195.0	177.3	273.0
Plumbers' supplies	88.0	81.1	76.8	91.4	146.9	136.6	126.3	173.4
Stoves, oil burners, and heating equipment not elsewhere classified	111.9	111.2	105.3	137.2	197.2	197.7	182.1	267.2
Steam and hot-water heating apparatus and steam fittings	145.1	145.0	139.3	183.4	251.9	253.9	238.1	356.0
Stamped and enameled ware and galvanizing	123.4	121.3	115.4	157.2	225.0	222.4	209.0	336.7
Fabricated structural and ornamental metalwork	125.2	123.1	119.5	206.1	193.3	195.9	187.7	395.1
Metal doors, sash, frames, molding, and trim	101.6	96.8	94.2	136.2	168.0	176.1	164.7	262.2
Bolts, nuts washers, and rivets	145.8	145.2	141.3	167.4	248.4	266.4	259.4	331.0
Forgings, iron and steel <u>2/</u>	165.6	163.5	157.3	231.5	286.5	285.6	261.9	477.0
Wrought pipe, welded and heavy riveted	169.0	169.5	163.6	284.5	270.3	271.3	255.1	571.7
Screw-machine products and wood screws	158.4	154.0	148.5	252.2	290.1	284.4	272.5	509.2
Steel barrels, kegs, and drums	103.4	101.0	97.0	134.1	191.5	183.1	173.0	232.5
Firearms	217.0	206.8	233.2	399.7	398.1	330.3	400.9	1533.1
ELECTRICAL MACHINERY	175.9	179.6	177.3	273.7	285.1	298.4	290.3	513.0
Electrical equipment	160.3	161.5	160.1	237.5	251.3	261.3	261.9	454.4
Radios and phonographs	151.0	144.4	131.8	271.2	274.0	259.9	237.5	539.2
Communication equipment	198.1	227.9	207.6	326.3	327.3	331.4	326.7	541.3



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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Jan.	Dec.	Nov.	Jan.	Jan.	Dec.	Nov.	Jan.
	1943	1945	1945	1945	1946	1945	1945	1945
<b>MACHINERY, EXCEPT ELECTRICAL</b>	171.0	166.2	165.9	223.8	284.6	277.4	272.6	428.9
Machinery and machine-shop products	164.9	160.5	160.7	223.3	272.8	265.4	263.4	421.3
Engines and turbines	209.1	206.9	220.6	365.0	382.0	367.6	366.7	790.2
Tractors	168.5	164.6	161.3	186.2	244.7	235.3	228.8	295.0
Agricultural machinery, excluding tractors	139.6	145.0	135.3	160.4	230.9	249.4	230.9	322.1
Machine tools	158.8	145.6	142.4	202.8	262.9	244.5	233.0	373.6
Machine-tool accessories	166.1	163.5	161.2	258.3	284.1	279.2	269.9	458.3
Textile machinery	132.6	127.5	120.2	122.0	247.5	241.2	218.9	235.1
Pumps and pumping equipment	217.9	216.3	215.3	304.5	391.4	406.3	384.3	648.7
Typewriters	90.7	88.1	83.6	79.1	166.2	163.9	158.8	162.0
Cash registers, adding and calculating machines	149.9	139.3	130.5	155.6	262.0	239.2	231.3	305.1
Washing machines, wringers and driers, domestic	133.1	128.3	113.9	160.9	213.1	207.1	186.4	290.7
Sewing machines, domestic and industrial	102.8	100.3	87.0	141.1	185.3	180.6	188.4	302.6
Refrigerators and refrigeration equipment	103.3	98.2	111.5	148.3	151.7	144.0	175.6	271.1
<b>TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES</b>	318.5	327.1	347.8	333.6	548.3	562.2	561.7	2900.1
Locomotives	360.8	360.3	482.6	523.3	735.5	772.9	1021.8	1168.3
Cars, electric- and steam-railroad	192.3	186.2	182.8	235.9	329.7	314.8	302.5	485.9
Aircraft and parts, excluding aircraft engines	301.3	304.1	305.6	3612.7	515.7	520.4	508.6	3257.1
Aircraft engines	242.5	246.2	300.3	2394.8	359.8	346.3	389.7	4384.5
Shipbuilding and boatbuilding	367.6	326.8	413.0	174.2	625.3	656.4	637.9	3513.4
Motorcycles, bicycles, and parts	122.0	116.2	112.3	135.4	204.4	195.9	196.1	258.2
<b>AUTOMOBILES</b>	98.1	92.6	125.6	172.3	146.1	130.3	194.9	324.8
<b>NONFERROUS METALS AND THEIR PRODUCTS</b>	139.5	136.0	134.1	176.3	245.8	240.7	234.3	343.0
Smelting and refining, primary, of nonferrous metals	127.3	127.4	124.9	142.9	224.7	221.4	219.5	264.2
Alloying and rolling and drawing of nonferrous metals, except aluminum	143.5	140.0	137.4	181.9	256.7	247.0	236.7	354.5
Clocks and watches	116.7	112.9	108.1	126.5	219.8	211.6	199.3	272.5
Jewelry (precious metals) and jewelers' findings	108.5	106.0	102.9	92.1	203.1	202.2	184.4	160.
Silverware and plated ware	100.7	96.8	88.8	90.8	198.2	192.3	173.5	133.0
Lighting equipment	83.6	90.1	103.0	128.7	136.5	130.5	175.3	239.1
Aluminum manufactures	179.7	172.6	162.9	263.9	270.9	266.7	253.9	529.6
Sheet-metal work, not elsewhere classified	119.8	116.2	112.9	169.5	214.1	215.0	200.0	334.0

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
LUMBER AND TIMBER, BASIC PRODUCTS	100.9	98.6	97.0	110.6	170.4	166.0	164.3	199.2
Sawmills and logging camps	69.4	68.1	67.1	75.9	116.6	113.7	114.0	137.9
Planing and plywood mills	88.7	86.1	83.9	97.1	146.9	142.8	137.3	167.2
FURNITURE AND FINISHED LUMBER PRODUCTS	101.2	98.1	93.6	103.3	184.2	179.8	165.8	194.0
Mattresses and bedsprings 2/	97.7	93.4	83.2	96.4	173.7	161.7	137.8	178.0
Furniture	93.8	90.1	85.3	96.1	169.3	164.3	151.1	180.4
Wooden boxes, other than cigar Caskets and other morticians' goods	94.2	93.2	93.0	103.3	165.4	138.8	179.4	211.3
Wood preserving	100.6	97.8	96.6	95.7	169.8	164.7	153.0	170.9
Wood, turned and shaped 2/	102.7	101.4	94.8	98.9	203.9	211.0	205.3	190.6
Wood, turned and shaped 2/	96.9	96.6	95.2	98.1	179.3	178.2	168.0	178.9
STONE, CLAY, AND GLASS PRODUCTS	116.1	111.0	107.4	111.6	189.2	185.5	177.4	189.0
Glass and glassware	125.0	112.9	109.9	126.1	192.1	182.1	170.3	201.8
Glass products made from purchased glass	108.6	108.0	108.1	106.7	178.9	160.8	184.8	185.3
Cement	91.5	89.0	84.8	89.1	134.4	136.8	135.4	107.3
Brick, tile, and terra cotta	91.5	87.5	82.5	72.8	154.5	147.5	139.1	117.2
Pottery and related products	125.8	123.0	119.9	119.3	195.5	195.3	188.1	181.5
Gypsum	96.0	93.8	92.4	81.2	161.2	158.4	155.1	142.6
Wallboard, plaster (except gypsum), and mineral wool	124.1	121.1	117.7	118.5	232.0	228.3	220.6	218.6
Lime	86.2	83.7	81.4	81.0	171.1	171.8	167.5	151.0
Marble, granite, slate, and other products	75.0	75.4	71.3	75.7	111.5	115.6	105.3	117.8
Abrasives	217.8	211.2	210.7	275.2	336.6	337.8	328.8	482.8
Asbestos products	103.8	108.1	105.2	126.4	208.2	213.0	206.7	265.9
<u>Non-durable Goods</u>								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	96.4	95.3	91.1	96.0	186.5	184.1	171.3	176.3
Cotton manufactures, except small wares	108.3	107.0	100.7	109.3	217.0	216.2	199.9	210.3
Cotton small wares	101.6	100.3	98.5	101.1	195.6	191.5	178.2	193.7
Silk and rayon goods	73.1	72.7	70.5	74.1	150.1	148.8	142.0	138.4
Woolen and worsted manufactures, except dyeing and finishing	99.9	98.8	95.3	98.3	206.6	200.0	184.0	193.5
Hosiery	66.6	65.6	63.0	63.3	115.7	113.1	109.0	102.9
Knitted cloth	98.0	97.8	94.9	94.2	189.8	186.7	180.1	169.4
Knitted outerwear and knitted gloves	102.1	101.9	100.5	101.4	196.5	197.7	192.5	185.9
Knitted underwear	87.3	87.6	87.1	89.2	165.9	166.1	161.5	164.7
Dyeing and finishing textiles, including woolen and worsted	80.2	88.3	80.3	89.8	166.2	164.4	142.6	152.2
Carpets and rugs, wool	76.7	76.6	72.0	76.4	135.1	132.5	124.6	138.6
Hats, fur-felt	70.7	69.7	67.2	64.4	151.9	147.4	140.6	125.5
Jute goods, except felts	105.0	105.7	100.0	90.4	205.0	203.2	198.8	179.3
Cordage and twine	121.4	120.5	117.3	125.1	229.2	228.4	220.4	235.3

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Jan.	Dec.	Nov.	Jan.	Jan.	Dec.	Nov.	Jan.
	1946	1945	1945	1945	1946	1945	1945	1945
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	102.2	100.9	100.6	107.2	122.4	122.6	177.7	192.5
Men's clothing, not elsewhere classified	82.6	81.1	81.1	82.0	140.0	140.7	136.9	145.3
Shirts, collars, and hightwear	71.7	72.0	71.3	70.4	135.9	133.5	132.1	126.1
Underwear and neckwear, men's	62.3	71.2	70.7	74.1	145.2	154.4	146.9	146.7
Work shirts	93.9	96.5	97.5	104.6	182.2	172.7	188.7	199.3
Women's clothing, not elsewhere classified	76.2	75.3	72.8	79.0	129.9	141.4	133.4	129.1
Corsets and allied garments	79.5	79.4	79.2	77.8	146.1	140.4	142.7	135.5
Millinery	80.7	71.9	73.9	79.6	117.1	119.6	110.4	131.0
Handkerchiefs	47.1	43.1	53.0	51.5	87.0	82.4	98.3	100.6
Curtains, draperies, and bedspreads	67.3	68.1	66.2	64.5	128.6	132.8	129.6	129.2
House furnishings, other than curtains; etc.	90.6	85.5	85.2	108.7	161.9	150.1	149.9	201.0
Textile bags 2/	122.3	122.3	123.7	117.1	201.0	206.4	206.1	204.2
LEATHER AND LEATHER PRODUCTS	84.3	92.1	90.3	90.7	180.3	175.4	161.6	181.7
Leather	82.0	88.7	89.2	83.7	133.2	161.6	146.6	147.0
Boot and shoe cut stock and findings	80.0	89.0	89.1	85.2	160.8	154.0	153.0	147.3
Boots and shoes	85.7	81.6	79.3	79.4	162.9	157.1	145.7	147.9
Leather gloves and mittens	111.3	113.9	109.5	122.9	201.7	202.1	198.9	211.6
Trunks and suitcases	150.8	143.2	141.3	152.7	261.7	263.7	256.7	262.4
FOOD	117.7	120.5	121.9	119.9	205.7	210.6	206.4	198.0
Slaughtering and meat packing	124.5	120.4	110.0	128.4	214.4	212.2	185.2	221.9
Butter	117.2	121.1	126.5	113.5	195.1	197.6	205.5	181.0
Condensed and evaporated milk	150.2	132.8	137.5	134.9	219.3	215.9	223.5	218.9
Ice cream	95.3	96.7	99.4	84.5	146.2	148.3	151.6	122.0
Flour	127.3	124.9	124.9	119.2	225.3	221.5	212.3	203.0
Feeds, prepared	151.7	151.3	152.4	136.1	273.2	261.6	267.3	230.5
Cereal preparations	135.3	133.3	122.0	119.0	229.6	230.3	211.9	215.9
Baking	111.0	109.3	110.2	111.4	161.5	161.2	161.0	138.2
Sugar refining, cane	90.8	91.1	87.1	102.2	140.1	142.9	125.0	176.1
Sugar, beet	37.2	173.3	220.9	49.6	109.9	279.7	361.9	33.6
Confectionery	106.2	110.9	111.3	118.3	191.1	201.6	197.0	198.0
Beverages, nonalcoholic	107.4	110.7	111.2	121.2	146.8	150.4	150.8	157.3
Malt liquors	181.9	183.0	180.2	187.4	223.1	227.1	225.2	194.9
Canning and preserving	68.5	79.8	92.7	76.5	145.6	157.3	179.4	153.9
TOBACCO MANUFACTURES	83.5	87.4	83.8	88.1	161.1	162.3	171.4	160.4
Cigarettes	118.3	120.4	127.1	123.3	201.4	181.8	207.8	211.1
Cigars	69.2	68.8	67.7	65.3	131.1	149.8	143.7	134.2
Tobacco (chewing and smoking) and snuff	87.7	92.3	91.0	93.0	157.4	153.8	150.5	159.0

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

Industry Group or Industry	Employment Indexes				Pay-Roll Indexes			
	Jan.	Dec.	Nov.	Jan.	Jan.	Dec.	Nov.	Jan.
	1946	1945	1945	1945	1946	1945	1945	1945
PAPER AND ALLIED PRODUCTS	124.4	122.4	119.3	118.5	214.5	212.2	204.9	198.3
Paper and pulp	113.9	111.4	107.8	107.2	198.4	196.6	190.0	183.3
Paper goods, other	118.0	117.6	114.7	119.0	201.8	198.1	185.6	198.2
Envelopes	113.2	112.3	110.5	109.7	185.5	178.8	176.8	173.9
Paper bags	122.6	121.2	118.8	118.3	221.6	218.3	215.2	206.7
Paper boxes	119.5	118.0	116.3	112.4	204.2	203.1	197.0	181.9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	109.4	108.1	105.9	98.3	165.3	163.2	158.5	159.8
Newspapers and periodicals	103.1	102.7	101.0	92.3	143.5	141.9	136.3	118.4
Printing, book and job	117.6	116.6	112.9	106.2	187.8	184.0	178.1	159.9
Lithographing	105.2	103.4	100.1	93.7	163.4	161.6	157.1	135.5
Bookbinding	113.1	111.2	110.1	108.1	202.8	206.4	201.2	187.7
CHEMICALS AND ALLIED PRODUCTS	153.9	153.0	154.0	217.8	259.5	258.0	256.6	334.2
Paints, varnishes, and colors	117.4	114.8	112.6	105.4	180.1	178.1	174.7	169.4
Drugs, medicines, and insecticides	179.6	177.2	175.3	179.4	268.0	276.1	268.7	273.4
Perfumes and cosmetics	115.4	118.1	119.7	118.0	174.9	183.0	183.0	164.3
Soap	100.3	100.1	100.1	98.6	169.1	168.9	161.9	168.2
Rayon and allied products	122.8	119.6	117.9	112.1	194.9	193.8	188.9	182.0
Chemicals, not elsewhere classified	164.7	162.2	159.0	165.5	276.8	267.0	260.8	293.2
Explosives and safety fuses 2/	238.7	296.6	360.7	311.3	365.1	469.7	527.2	1999.1
Compressed and liquefied gases	141.0	140.0	138.9	149.4	233.5	225.6	225.3	267.4
Ammunition, small-arms	225.8	233.2	263.9	243.4	428.2	436.5	487.7	2914.7
Fireworks	176.0	190.3	263.9	234.6	461.2	482.5	660.5	6280.7
Cottonseed oil	116.8	128.0	135.7	130.4	252.8	279.6	305.8	275.5
Fertilizers	130.2	118.3	110.7	122.9	260.7	256.1	240.2	269.1
PRODUCTS OF PETROLEUM AND COAL	132.9	131.3	130.4	126.0	219.8	221.3	221.3	221.7
Petroleum refining	131.9	130.6	130.6	125.5	210.6	212.6	215.5	215.7
Coke and by-products	109.4	106.2	103.1	102.4	192.6	193.3	184.2	189.0
Paving materials	57.6	64.5	72.4	57.2	108.8	125.3	134.3	114.7
Roofing materials	126.8	125.7	122.2	117.8	237.1	228.9	219.3	211.5
RUBBER PRODUCTS	160.2	156.5	149.2	164.9	265.7	256.3	240.4	323.2
Rubber tires and inner tubes	162.4	177.8	168.9	173.5	272.6	256.7	240.2	342.4
Rubber boots and shoes	109.9	107.1	104.1	120.6	204.5	194.5	193.5	220.7
Rubber goods, other 2/	126.9	124.4	119.0	136.2	222.0	225.1	208.8	261.2
MISCELLANEOUS INDUSTRIES	139.9	137.6	138.4	167.8	252.1	249.1	235.6	334.3
Instruments (professional and scientific), and fire control equipment	200.2	202.3	202.3	531.6	330.4	332.1	324.6	1057.1
Photographic apparatus	127.1	129.9	124.6	162.1	198.7	204.3	198.0	277.5
Optical instruments and ophthalmic goods	173.7	171.1	157.0	203.2	295.9	290.6	281.2	353.5
Pianos, organs, and parts	85.9	80.2	73.8	95.5	148.5	133.3	117.9	187.3
Games, toys, and dolls	94.1	94.0	88.3	66.4	179.2	172.6	153.8	132.7
Buttons	87.9	85.5	84.3	84.0	179.5	174.4	167.5	178.6
Fire extinguishers	231.3	238.9	229.6	478.1	458.0	491.5	459.3	1017.8

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

1/ Indexes for the major industry groups have been adjusted to levels indicated by the final 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:

Wirework - September and October 1945 pay-roll indexes to 157.6 and 173.1.

Forgings, iron and steel - October 1945 employment index to 158.3; pay-roll index to 271.1.

Mattresses and bedsprings - August and October pay-roll indexes to 154.4 and 130.0 respectively; October 1945 employment index to 77.8.

Wood, turned and shaped - October 1945 pay-roll index to 161.4.

Textile bags - September and October 1945 pay-roll indexes to 205.7 and 205.4.

Rubber goods, other - October 1945 pay-roll index to 204.3.

Explosives and safety fuses - October 1945 employment index to 409.2; pay-roll index to 626.2.

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

Industry Group or Industry	Employment Indexes				Pay-roll Indexes			
	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
Mining:								
Anthracite	79.3	79.0	78.2	79.0	149.3	167.1	144.5	157.7
Bituminous coal	90.8	89.4	88.2	91.1	210.5	222.5	212.8	214.3
Metal:								
Iron	114.8	117.6	116.0	116.8	163.6	178.2	191.8	160.5
Copper	86.3	82.5	79.7	83.4	137.1	135.4	129.0	153.3
Lead and zinc	95.3	91.5	87.9	96.6	160.4	173.5	167.6	163.3
Gold and silver	28.0	26.2	21.3	22.3	36.2	34.4	31.7	30.0
Miscellaneous	50.9	55.5	55.8	73.4	82.6	63.0	64.7	121.9
Quarrying and nonmetallic Crude petroleum production <sup>1/</sup>	33.1	53.6	85.0	73.8	150.3	154.4	163.2	155.0
Public utilities:								
Telephone	126.8	127.0	130.4	126.1	205.2	203.5	200.5	157.8
Telegraph	4/	123.4	124.3	120.2	4/	173.3	177.9	172.5
Electric light and power	52.9	59.7	58.1	62.0	153.7	129.3	126.7	115.2
Street railways and busses	123.7	122.7	121.7	117.3	131.4	131.0	179.1	175.1
Wholesale trade	106.4	104.1	101.8	98.7	162.4	159.2	155.2	139.1
Retail trade:								
Food	106.6	100.0	106.5	107.2	159.3	159.4	154.0	141.4
General merchandise	118.3	152.6	127.4	114.2	147.0	209.5	172.4	144.3
Apparel	106.0	129.1	117.1	107.9	163.0	194.4	175.2	145.7
Furniture and house furnishings	70.0	75.0	62.4	62.4	107.1	114.3	103.2	87.4
Automotive	85.2	34.5	30.5	65.1	130.0	134.8	126.2	101.0
Lumber and building materials	101.3	102.0	101.0	98.9	170.6	153.8	150.7	129.0
Hotels (year-round) <sup>2/</sup>	117.3	117.6	116.5	110.2	196.4	196.1	190.6	163.8
Power laundries	109.7	107.6	103.7	106.5	172.7	174.5	169.9	161.5
Cleaning and dyeing	120.3	119.9	120.6	111.9	201.7	196.9	193.5	175.3
Class I steam railroads <sup>3/</sup>	141.0	141.5	142.4	141.1	4/	4/	4/	4/
Water transportation <sup>5/</sup>	514.3	515.7	515.1	272.6	575.3	583.1	582.1	685.2

<sup>1/</sup> Does not include well drilling or rig building.

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

<sup>3/</sup> Source: Interstate Commerce Commission.

<sup>4/</sup> Not available.

<sup>5/</sup> 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	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
Mining:				
Anthracite	65.7	65.1	64.8	65.4
Bituminous coal	336	332	327	338
Metal:	67.7	66.3	64.6	69.2
Iron	23.1	23.7	23.7	23.5
Copper	20.5	19.7	19.0	22.3
Lead and zinc	14.9	14.2	13.7	15.0
Gold and silver	6.9	6.5	6.0	5.5
Miscellaneous	2.3	2.2	2.2	2.9
Telephone <sup>1/</sup>	465	454	443	401
Telegraph <sup>2/</sup>	*	47.6	47.0	45.2
Electric light and power <sup>1/</sup>	227	222	215	200
Street railways and busses <sup>1/</sup>	240	238	236	227
Hotels (year-round) <sup>1/</sup>	378	379	376	355
Power laundries	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>
Cleaning and dyeing	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>	<sup>3/</sup>
Class I steam railroads <sup>4/</sup>	1,393	1,398	1,406	1,392
Water transportation <sup>5/</sup>	165	166	165	143

\* Not available.

<sup>1/</sup> Data include salaried personnel.<sup>2/</sup> Excludes messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies. Data include salaried personnel.<sup>3/</sup> 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.<sup>4/</sup> Source: Interstate Commerce Commission. Data include salaried personnel.<sup>5/</sup> 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, January 1946

Industry	Employment Percentage change from		Pay Roll Percentage change from	
	Dec. 1945	Jan. 1946	Dec. 1945	Jan. 1946
Wholesale trade:	+ 2.3	+11.3	+ 2.0	+16.6
Food products	- .8	+ 6.5	+ .2	+13.4
Groceries and food specialties	+ 1.3	+ 5.1	+ 1.5	+13.2
Dry goods and apparel	+ 1.9	+ 2.1	+ 5.9	+10.5
Machinery, equipment and supplies	+ .4	+ 8.6	+ .6	+ 9.6
Farm products	+ 1.3	+38.4	0	+36.0
Petroleum and petroleum products (incl. bulk tank stations)	+ .2	+12.0	+ 4.5	+19.0
Automotive	+ 4.0	+23.0	+ 3.6	+29.2
Brokerage	+ 3.1	+23.2	- .9	+36.2
Insurance	+ 1.7	+ 7.2	+ 4.0	+13.7

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

(In thousands)

Industry Division	Jan. 1946	Dec. 1945	Nov. 1945	Jan. 1945
Total <u>1/</u>	35,839	36,319	35,639	37,952
Manufacturing <u>2/</u>	12,048	11,914	11,970	15,555
Mining	811	802	793	801
Contract Construction and Federal force account construction	1,120	1,042	1,014	582
Transportation and public utilities	3,891	3,896	3,871	3,740
Trade	7,512	7,960	7,571	7,030
Finance, service, and miscellaneous	4,984	4,936	4,845	4,350
Federal, State and local government, excluding Federal force account construction	5,473	5,769	5,575	5,394

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		
	Dec. 1945	Nov. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Dec. 1944
New England	2,814	2,705	3,030	1,220	1,172	1,506
Maine	228	212	252	91.1	79.2	114.1
New Hampshire	137	128	131	67.0	59.7	60.0
Vermont	85.2	81.4	82.3	30.7	29.3	32.4
Massachusetts	1,505	1,441	1,586	593	571	721
Rhode Island <u>1/2/</u>	243	233	278	127	120	154
Connecticut	611	601	701	311	313	419
Middle Atlantic	3,621	3,413	3,234	3,233	3,254	4,033
New York	4,314	4,200	4,575	1,417	1,408	1,779
New Jersey	1,309	1,286	1,409	646	641	657
Pennsylvania	2,998	2,952	3,160	1,220	1,205	1,402
East North Central	7,637	7,751	8,044	5,376	5,443	4,415
Ohio	2,125	2,092	2,342	930	956	1,200
Indiana	892	901	1,041	336	405	560
Illinois <u>1/2/</u>	2,544	2,591	2,730	1,057	1,019	1,250
Michigan	1,313	1,444	1,722	628	705	936
Wisconsin <u>1/2/</u>	743	754	777	367	358	431
West North Central	2,671	2,328	2,362	670	669	924
Minnesota <u>1/2/</u>	624	601	629	185	181	210
Iowa <u>1/3/</u>	436	431	442	120.2	121.6	155.2
Missouri	372	366	364	243	250	346
North Dakota <u>1/3/</u>	77.5	74.4	73.1	7.0	6.7	6.3
South Dakota <u>1/3/</u>	82.4	81.4	81.0	9.5	9.6	9.9
Nebraska <u>1/3/</u>	246	244	266	45.1	44.6	63.3
Kansas	333	330	407	52.7	55.5	133.0
South Atlantic	4,288	4,215	4,645	1,270	1,259	1,598
Delaware	85.6	84.2	96.4	39.1	37.5	51.0
Maryland	590	577	667	199	193	285
District of Columbia	451	447	469	14.1	13.8	14.6
Virginia	631	626	695	161	164	199
West Virginia	405	395	419	109.0	107.3	131.5
North Carolina	697	690	716	331	326	359
South Carolina	366	359	384	160	159	169
Georgia	601	595	674	197	199	278
Florida	361	442	505	59.4	59.1	110.6

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

(In thousands)

Region and State	All industry divisions			Manufacturing		
	Dec. 1945	Nov. 1945	Dec. 1944	Dec. 1945	Nov. 1945	Dec. 1944
East South Central	1,647	1,615	1,793	532	526	633
Kentucky	422	411	435	101.3	98.2	119.9
Tennessee	513	504	550	173	173	215
Alabama	478	471	554	188	186	266
Mississippi	234	229	257	69.5	63.6	81.9
West South Central	2,372	2,329	2,599	467	472	709
Arkansas	236	233	250	48.5	52.3	70.3
Louisiana	454	449	498	123.6	122.8	167.1
Oklahoma	341	336	364	43.2	42.9	87.7
Texas	1,341	1,311	1,467	252	254	384
Mountain	910	892	920	105	109	147
Montana	113	109	112	10.5	10.5	15.2
Idaho	96.5	95.4	97.3	13.2	14.8	14.7
Wyoming	72.4	66.4	63.2	4.6	5.1	4.8
Colorado	266	261	270	44.0	44.5	48.3
New Mexico	84.3	83.1	80.5	6.1	5.7	5.0
Arizona	100.2	99.2	110.5	7.6	8.1	12.2
Utah	136	133	147	17.2	18.6	24.2
Nevada	42.3	42.3	39.3	1.3	1.3	18.8
Pacific	3,027	2,980	3,585	781	793	1,401
Washington	525	519	645	137	141	254
Oregon	292	287	370	76.8	77.7	164.4
California <u>1/2/</u>	2,210	2,174	2,570	567	574	983

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 or cooperating state agency.

2/ Data secured in cooperation with:  
  Rhode Island - Dept. of Labor, Division of Census and Statistics, Providence 2  
  Illinois - Dept. of Labor, Division of Statistics and Research, Chicago 6.  
  Wisconsin - Industrial Commission of Wisconsin, Madison 3.  
  Minnesota - Division of Employment and Security, St. Paul 1.  
  California - Division of Labor Statistics and Research, 515 Van Ness Avenue,  
  San Francisco 2.

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

Table 8.—Employment and Pay Rolls in Regular Federal Services  
and in Government Corporations, January 1946 and Selected Other Months  
(In thousands)

Branch	Employment <u>1/</u>			Pay rolls <u>2/</u>		
	January 1946	December 1945 <u>3/</u>	January 1945	January 1946 <u>4/</u>	December 1945 <u>4/</u>	January 1945
Total	2,960.9	3,431.7	3,449.8	\$543,142	\$703,440	\$697,247
Executive <u>5/</u>	2,917.5	3,388.0	3,406.7	534,832	695,089	689,461
Washington, D. C. metropolitan area	229.4	233.8	255.3	52,877	73,960	54,415
War agencies <u>6/</u>	92.0	94.1	126.9	19,974	28,348	25,888
Other agencies	137.4	139.7	128.3	32,903	45,612	28,527
Other areas	2,688.1	3,154.2	3,151.5	481,955	621,129	635,046
War agencies <u>6/</u>	1,840.8	2,068.2	2,434.2	314,007	383,062	492,403
Continental United States	1,324.3	1,382.3	1,903.4	271,613	341,598	438,814
Outside continental United States <u>7/</u>	516.5	685.9	530.8	39,394	41,464	53,589
Other agencies	847.3	1,086.0	717.3	167,948	238,067	142,643
Continental United States	925.2	1,062.4	701.1	163,236	233,188	139,167
Outside continental United States <u>7/</u>	22.1	23.6	16.2	4,712	4,879	3,476
Legislative	6.4	6.4	6.2	1,764	1,759	1,593
Judicial	3.0	3.0	2.6	921	1,135	744
Government corporations <u>8/</u>	34.0	34.3	34.3	5,625	5,457	5,449

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 1945.
- 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.
- 3/ Revised.
- 4/ Preliminary.
- 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.

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 and pay rolls monthly and annually from 1939 to date are available upon request.

Table 9.—Personnel and Pay of the Military Branch  
of the Federal Government, in Selected Periods

(In thousands)

Branch, sex, or type of pay	January 1946	December 1945	January 1945	Average monthly personnel and total annual pay		
				1943	1941	1939
Personnel, total <u>1/</u> <u>2/</u> .....	6,969	8,551	11,897	8,944	1,644	367
Army .....	4,229	5,334	8,053	6,733	1,291	213
Navy <u>3/</u> .....	2,740	3,217	3,844	2,211	353	154
Men .....	6,806	8,348	11,644	8,833	1,639	<u>4/</u>
Women .....	163	203	253	111	5	<u>4/</u>
Pay, total <u>1/</u> .....	\$1,598,875	\$1,754,327	\$1,569,529	\$11,519,597	\$1,325,530	\$344,423
Army .....	1,100,167	1,165,276	1,020,580	8,473,948	913,800	166,282
Navy <u>3/</u> .....	498,708	589,051	548,950	3,045,650	411,730	178,141
Pay roll <u>5/</u> .....	966,673	1,119,648	1,311,904	10,499,459	1,325,530 <sup>e</sup>	344,423
Mustering-out pay <u>6/</u> .....	480,350	448,390	16,892	-	-	-
Family allowances <u>7/</u> .....	151,852	186,290	240,733	1,020,138	-	-

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

2/ Personnel data for January and December 1945 and January 1946 are as of the first of the month.

3/ Covers Navy, Marine Corps, and Coast Guard. Missing personnel and personnel in the hands of the enemy are included.

4/ Data not available.

5/ Data for the Navy proper include cash payments for clothing allowances in January 1946.

6/ Although payments may extend over a period of 3 months, data for the Navy proper and the Coast Guard include the entire amount in the month of discharge. Data for the Marine Corps are estimated for December 1945 and January 1946.

7/ Represents Government's contribution. Men's share is included in the pay roll.

Table 10.--Total Employment and Pay Rolls in United States Navy Yards  
and Private Shipyards Within Continental United States  
by Shipbuilding Region, January 1946

Shipbuilding region	Employment (in thousands)			Pay rolls (in thousands)		
	January 1946 <sup>1/</sup>	December 1945	January 1945	January 1946 <sup>1/</sup>	December 1945	January 1945
All regions .....	510.6	530.3	1,446.0	\$119,408	\$123,682	\$425,809
U. S. navy yards <sup>2/</sup> .....	222.8	225.7	326.6	55,529	56,113	94,065
Private shipyards .....	287.8	304.6	1,119.4	63,879	67,539	331,744
North Atlantic .....	237.9	244.4	516.1	57,811	59,259	156,157
South Atlantic .....	57.1	57.9	128.8	13,586	13,753	33,769
Gulf .....	42.1	46.3	191.9	8,464	9,306	55,893
Pacific .....	162.7	169.6	506.3	37,186	38,740	151,808
Great Lakes .....	6.4	7.1	50.7	1,437	1,566	14,023
Inland .....	4.4	5.0	52.2	924	1,058	14,159

<sup>1/</sup> Preliminary.

<sup>2/</sup> 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 11.—Estimated Employment and Pay Rolls on Construction Within Continental United States, January and December 1945, and January 1946

Type of project	Employment (in thousands)			Pay rolls (in thousands)		
	January 1946 <u>1/</u>	December 1945 <u>2/</u>	January 1945	January 1946 <u>1/</u>	December 1945 <u>2/</u>	January 1945
New construction, total <u>3/</u>	1,298.9	1,215.4	689.4	<u>4/</u>	<u>4/</u>	<u>4/</u>
At the construction site	1,129.9	1,058.0	610.8	<u>4/</u>	<u>4/</u>	<u>4/</u>
Federal projects <u>5/</u>	<u>6/</u> 85.8	<u>6/</u> 96.0	<u>6/</u> 226.3	<u>7/</u> \$15,388	<u>7/</u> \$17,150	<u>7/</u> \$40,405
Airports	4.0	4.2	7.5	728	763	1,328
Buildings	44.7	51.8	153.6	8,056	8,971	28,757
Residential	3.2	3.7	11.3	704	814	2,608
Nonresidential <u>8/</u>	<u>6/</u> 41.5	<u>6/</u> 48.1	<u>6/</u> 157.3	<u>7/</u> 7,352	<u>7/</u> 8,157	<u>7/</u> 26,149
Electrification	.9	.8	.3	182	154	86
Reclamation	6.2	6.4	7.3	1,200	1,239	1,760
River, harbor, and flood control	16.0	18.1	16.3	2,942	3,623	3,184
Streets and highways	7.4	7.8	7.7	1,126	1,186	1,364
Water and sewer systems	2.1	2.5	3.3	408	424	593
Miscellaneous	4.2	4.4	14.3	746	790	3,333
Non-Federal projects	1,044.1	962.0	384.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
Buildings	780.9	706.1	215.5	182,730	159,580	49,780
Residential	318.4	294.3	73.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Nonresidential	462.5	411.8	141.8	<u>4/</u>	<u>4/</u>	<u>4/</u>
Farm dwellings and service buildings	58.9	53.0	47.0	<u>4/</u>	<u>4/</u>	<u>4/</u>
Public utilities	131.6	126.6	93.1	<u>4/</u>	<u>4/</u>	<u>4/</u>
Streets and highways	20.7	27.1	15.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
State	8.5	9.1	5.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
County and municipal	12.2	18.0	9.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Miscellaneous	52.0	49.2	13.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Other <u>9/</u>	169.0	157.4	78.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Maintenance of State roads <u>10/</u>	90.0	91.4	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: January 1945, 19,817, \$3,964,800; December 1945, 16,699, \$3,032,300; January 1946, 16,047, \$2,863,600. 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: January 1945, 40,000; December 1945 6,600; January 1946, 4,000.

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.