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## EMPLOYMENT AND PAY ROLLS

## Detailed Report

November 1946

<u>TABLE</u>	<u>CONTENTS</u>	<u>PAGE</u>
1	Estimated number of production workers in manufacturing industries.....	2
2	Indexes of production-worker employment and pay rolls in manufacturing industries.....	8
3	Estimated number of employees in selected nonmanufacturing industries.....	14
4	Percentage changes in employment and pay rolls in selected nonmanufacturing industries.....	14
5	Indexes of employment and pay rolls in selected nonmanufacturing industries.....	15
6	Estimated number of employees in nonagricultural establishments, by industry division.....	16
7	Estimated number of employees in manufacturing industries, by major industry group.....	17
8	Estimated number of employees in nonagricultural establishments, by State, October 1946.....	18
9	Employment and pay rolls in regular Federal services and Government Corporations, in selected months.....	20
10	Personnel and pay of the military branch of the Federal Government, in selected periods.....	21
11	Total employment and pay rolls in United States Navy Yards and Private Shipyards within Continental U. S., by shipbuilding region.....	22
12	Estimated employment and pay rolls on construction within Continental United States.....	23

2.

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

Industry Group and Industry	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
ALL MANUFACTURING	12,218	12,024	12,018	10,503
DURABLE GOODS	6,206	6,114	6,086	5,180
NONDURABLE GOODS	6,012	5,910	5,932	5,323
<u>Durable Goods</u>				
IRON AND STEEL AND THEIR PRODUCTS	1,476	1,442	1,456	1,255
Blast furnaces, steel works, and rolling mills	481.5	473.5	480.1	431.5
Gray-iron and semi-steel castings	84.2	81.9	82.1	69.7
Malleable-iron castings	24.8	24.4	24.4	23.1
Steel castings	51.2	48.8	50.7	51.1
Cast-iron pipe and fittings	19.4	19.1	18.7	14.5
Tin cans and other tinware	41.2	42.2	44.8	35.2
Wire drawn from purchased rods	29.9	29.2	29.8	27.9
Wirework	40.9	41.3	41.3	30.6
Cutlery and edge tools	26.2	25.3	25.9	22.3
Tools (except edge tools, machine tools, files, and saws)	26.4	26.8	26.4	22.3
Hardware	49.5	48.3	47.4	34.5
Plumbers' supplies	29.3	23.5	28.1	18.9
Stoves, oil burners, and heating equipment not elsewhere classified	62.0	60.3	59.4	48.6
Steam and hot-water heating apparatus and steam fittings	51.4	50.2	48.9	42.2
Stamped and enameled ware and galvanizing	83.4	81.8	81.5	64.1
Fabricated structural and ornamental metalwork	56.9	55.1	56.1	42.4
Metal doors, sash, frames, molding, and trim	10.1	9.9	10.2	7.3
Bolts, nuts, washers, and rivets	21.0	20.6	20.4	20.2
Forgings, iron and steel	26.7	26.4	26.2	24.2
Wrought pipe, welded and heavy- riveted	13.8	13.1	13.4	13.7
Screw-machine products and wood screws	29.3	29.0	28.5	25.3
Steel barrels, kegs, and drums	6.3	6.3	6.2	5.9
Firearms	14.2	14.2	14.2	11.7
ELECTRICAL MACHINERY	568	558	543	479
Electrical equipment	310.9	307.6	300.1	300.3
Radios and phonographs	92.1	88.7	85.2	57.3
Communication equipment	92.2	90.6	89.0	66.7

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

Industry Group and Industry	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
<b>MACHINERY, EXCEPT ELECTRICAL</b>	1,107	1,091	1,070	911
Machinery and machine-shop products	377.7	370.3	363.2	325.0
Engines and turbines	45.4	44.6	45.3	42.6
Tractors	53.7	53.7	52.0	50.5
Agricultural machinery, excluding tractors	43.5	42.3	41.2	37.6
Machine tools	59.7	62.0	62.0	52.1
Machine-tool accessories	52.8	52.2	51.5	45.6
Textile machinery	34.7	33.9	33.4	26.3
Pumps and pumping equipment	58.3	57.4	57.5	52.2
Typewriters	22.2	21.3	20.5	13.6
Cash registers, adding and calculating machines	36.4	35.4	34.6	25.7
Washing machines, wringers and driers, domestic	12.6	12.0	11.9	8.7
Sewing machines, domestic and industrial	10.5	10.3	10.1	7.6
Refrigerators and refrigeration equipment	64.1	63.5	60.2	39.2
<b>TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES</b>	447	440	439	573
Locomotives	27.2	27.4	27.1	31.2
Cars, electric- and steam- railroad	50.7	48.6	47.9	44.8
Aircraft and parts, excluding aircraft engines	145.1	142.0	139.5	121.2
Aircraft engines	29.3	28.6	27.6	26.7
Shipbuilding and boatbuilding	134.6	134.7	139.0	286.0
Motorcycles, bicycles, and parts	11.7	11.5	11.0	7.8
<b>AUTOMOBILES</b>	748	744	760	525
<b>NONFERROUS METALS AND THEIR PRODUCTS</b>	406	402	396	319
Smelting and refining, primary, of nonferrous metals	39.3	38.6	37.5	33.8
Alloying and rolling and drawing of nonferrous metals except aluminum	61.7	61.5	61.7	53.3
Clocks and watches	28.5	28.2	27.8	21.9
Jewelry (precious metals) and jewelers' findings	17.4	17.5	17.9	14.9
Silverware and plated ware	15.1	14.7	14.6	10.8
Lighting equipment	31.2	31.2	30.6	22.0
Aluminum manufactures	50.9	50.6	49.7	38.4
Sheet-metal work, not elsewhere classified	27.5	26.8	26.1	21.2



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

Industry Group and Industry	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
<b>LUMBER AND TIMBER BASIC PRODUCTS</b>	642	633	627	484
Sawmills and logging camps	234.0	233.1	233.0	193.1
Planing and plywood mills	76.8	75.6	74.6	61.0
<b>FURNITURE AND FINISHED LUMBER PRODUCTS</b>	401	393	388	321
Mattresses and bedsprings	23.8	22.8	22.7	15.3
Furniture	169.1	166.7	164.4	135.9
Wooden boxes, other than cigar	25.9	25.5	25.3	23.6
Caskets and other morticians' goods	13.9	13.1	13.2	12.0
Wood preserving	12.4	12.5	12.6	10.7
Wood, turned and shaped	23.2	22.9	22.8	20.9
<b>STONE, CLAY, AND GLASS PRODUCTS</b>	411	411	407	313
Glass and glassware	104.5	105.4	104.3	76.7
Glass products made from purchased glass	12.8	12.4	12.0	10.8
Cement	28.7	28.6	28.9	20.2
Brick, tile, and terra cotta	62.3	63.6	63.4	46.9
Pottery and related products	48.6	48.2	48.0	39.7
Gypsum	6.3	5.9	5.9	4.6
Wallboard, plaster (except gypsum), and mineral wool	11.0	10.8	10.8	9.5
Lime	9.0	9.0	8.9	7.7
Marble, granite, slate, and other products	17.2	17.2	17.4	13.2
Abrasives	20.0	19.8	19.3	16.3
Asbestos products	21.7	21.4	20.5	14.5
<b>Non-durable Goods</b>				
<b>TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES</b>	1,240	1,224	1,212	1,063
Cotton manufactures, except small wares	465.3	459.5	455.8	398.9
Cotton small wares	14.3	14.5	14.3	13.1
Silk and rayon goods	94.8	93.8	93.0	84.5
Woolen and worsted manufactures, except dyeing and finishing	162.2	160.5	159.7	143.0
Hosiery	117.5	115.8	113.8	101.7
Knitted cloth	11.2	11.2	11.2	10.4
Knitted outerwear and knitted gloves	31.5	30.8	30.4	28.3
Knitted underwear	35.6	35.2	34.9	33.6
Dyeing and finishing textiles, including woolen and worsted	64.8	64.1	64.1	54.0
Carpets and rugs, wool	25.7	25.0	24.6	18.4
Hats, fur-felt	11.7	11.5	11.3	9.8
Jute goods, except felts	3.6	3.8	3.8	3.6
Cordage and twine	15.2	15.4	15.2	14.2

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

Industry Group and Industry	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
<b>APPROXIMATE AND OTHER FINISHED TEXTILE PRODUCTS</b>	<b>1,083</b>	<b>1,085</b>	<b>1,068</b>	<b>930</b>
Men's clothing, not elsewhere classified	204.3	199.6	197.1	177.4
Shirts, collars, and nightwear	56.8	54.8	54.4	50.5
Underwear and neckwear, men's	12.7	12.7	12.4	11.4
Work shirts	13.6	13.4	13.5	13.1
Women's clothing, not elsewhere classified	208.9	216.9	216.5	203.2
Corsets and allied garments	16.6	16.3	15.9	14.9
Millinery	16.5	19.0	19.2	17.9
Handkerchiefs	2.4	2.4	2.3	2.6
Curtains, draperies, and bedspreads	14.6	15.1	14.0	11.2
House furnishing, other than curtains, etc.	10.4	11.2	11.0	9.1
Textile bags	14.4	14.1	13.5	14.7
<b>LEATHER AND LEATHER PRODUCTS</b>	<b>356</b>	<b>352</b>	<b>355</b>	<b>321</b>
Leather	41.1	41.6	42.1	40.7
Foot and shoe cut stock and findings	18.2	17.8	17.8	16.3
Boots and shoes	193.2	190.4	193.5	173.6
Leather gloves and mittens	10.9	11.0	11.0	10.9
Trunks and suitcases	14.6	14.7	14.6	11.8
<b>FOOD</b>	<b>1,123</b>	<b>1,074</b>	<b>1,157</b>	<b>1,085</b>
Slaughtering and meat packing	138.9	84.4	94.8	132.5
Butter	24.4	24.9	25.1	22.7
Condensed and evaporated milk	13.1	13.7	14.2	13.3
Ice cream	16.8	17.6	18.9	15.6
Flour	30.9	30.5	29.7	30.9
Feeds, prepared	21.8	21.7	21.0	23.5
Cereal preparations	11.0	10.8	10.9	9.1
Baking	249.0	241.3	241.4	254.3
Sugar refining, cane	12.1	11.1	12.3	12.3
Sugar, beet	21.9	19.5	8.0	23.0
Confectionery	57.1	55.8	52.2	55.3
Beverages, nonalcoholic	23.2	23.0	24.1	23.6
Malt liquors	53.3	53.0	54.2	54.2
Canning and preserving	131.9	173.3	245.0	124.7
<b>TOBACCO MANUFACTURES</b>	<b>91</b>	<b>89</b>	<b>87</b>	<b>83</b>
Cigarettes	34.5	33.9	33.7	34.9
Cigars	42.3	41.4	40.0	34.5
Tobacco (chewing and smoking) and snuff	8.0	7.8	7.6	8.4



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

Industry Group and Industry	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
<b>PAPER AND ALLIED PRODUCTS</b>	379	372	368	326
Paper and pulp	169.7	167.7	167.7	148.2
Paper goods, other	48.2	47.2	46.6	43.2
Envelopes	10.9	10.5	10.4	9.6
Paper bags	15.3	15.0	14.7	13.2
Paper boxes	91.7	89.6	87.4	80.5
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	399	394	386	347
Newspapers and periodicals	135.0	133.9	131.7	119.8
Printing, book and job	165.0	163.2	159.3	142.6
Lithographing	30.3	29.9	29.5	26.0
Bookbinding	33.6	33.0	31.8	28.4
<b>CHEMICALS AND ALLIED PRODUCTS</b>	501	491	484	487
Paints, varnishes, and colors	35.9	36.0	36.0	31.7
Drugs, medicines, and insecticides	53.5	53.1	52.1	48.0
Perfumes and cosmetics	12.4	12.6	12.2	12.4
Soap	13.6	13.7	14.2	13.6
Rayon and allied products	58.9	57.8	57.4	56.9
Chemicals, not elsewhere classified	120.5	118.1	116.6	110.6
Explosives and safety fuses	12.6	12.9	12.8	26.2
Compressed and liquefied gases	5.8	5.3	5.7	5.5
Ammunition, small-arms	6.8	6.9	7.4	11.3
Fireworks	3.5	3.4	3.2	3.1
Cottonseed oil	20.4	17.4	13.0	20.6
Fertilizers	22.1	22.0	22.3	21.1
<b>PRODUCTS OF PETROLEUM AND COAL</b>	151	151	152	139
Petroleum refining	99.1	99.2	99.8	95.1
Coke and by-products	25.8	25.8	25.9	22.4
Paving materials	1.8	2.0	2.3	1.8
Roofing materials	12.7	12.6	12.6	9.8
<b>RUBBER PRODUCTS</b>	245	240	233	194
Rubber tires and inner tubes	112.0	110.4	106.6	91.4
Rubber boots and shoes	19.2	18.4	18.1	15.4
Rubber goods, other	76.2	74.8	73.3	61.6
<b>MISCELLANEOUS INDUSTRIES</b>	444	438	430	348
Instruments (professional and scientific), and fire control equipment	20.7	20.7	20.9	22.4
Photographic apparatus	25.4	25.3	25.3	21.5
Optical instruments and ophthalmic goods	21.6	21.5	21.2	19.4
Pianos, organs, and parts	9.9	9.7	9.4	5.6
Games, toys, and dolls	25.2	24.3	23.6	15.9
Fire extinguishers	10.2	10.6	10.6	9.2
	2.1	2.0	2.1	2.3

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

1/ November 1946 estimates are based on reports from 33,200 cooperating establishments covering 7,258,000 production workers. Estimates for the major industry groups have been adjusted to levels indicated by final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency. Estimates for individual industries have been adjusted to levels indicated by the 1939 Census of Manufactures but not to Federal Security Agency data. For this reason, together with the fact that this Bureau has not prepared estimates for certain industries, the sum of the individual industry estimates will not agree with the totals shown for the major industry groups.

Table 2. - Indexes of Production-Worker Employment and Pay Rolls  
in Manufacturing Industries 1/  
(1939 Average = 100)

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
ALL MANUFACTURING	149.1	146.8	146.7	128.2	291.4	286.0	284.1	222.9
DURABLE GOODS	171.2	169.3	168.5	143.5	320.8	317.7	313.9	241.8
NONDURABLE GOODS	131.2	129.0	129.5	116.2	262.7	255.1	254.9	204.5
Durable Goods								
IRON AND STEEL AND THEIR PRODUCTS	148.9	145.5	146.9	126.6	270.0	263.2	263.2	210.4
Blast furnaces, steel works, and rolling mills	124.0	121.9	123.6	111.1	208.7	203.2	206.3	173.6
Gray-iron and semi-steel castings	144.1	140.2	140.5	119.3	298.7	294.0	291.7	221.1
Malleable-iron castings	137.5	135.5	135.1	128.1	294.4	292.5	287.5	242.6
Steel castings	170.3	162.0	168.5	170.0	314.1	289.6	297.5	281.7
Cast-iron pipe and fittings	117.6	115.7	113.4	87.7	262.4	253.5	239.9	170.3
Tin cans and other tinware	129.7	132.9	141.1	110.8	230.4	248.8	274.1	185.5
Wire drawn from purchased rods	136.3	132.7	135.7	127.1	240.7	231.3	231.8	191.3
Wirework	134.6	135.9	136.0	100.8	261.7	265.1	270.9	190.5
Cutlery and edge tools	169.7	164.1	167.7	144.3	384.7	369.5	364.6	283.5
Tools (except edge tools, machine tools, files, and saws)	172.4	174.9	172.2	145.9	348.8	355.8	340.8	253.9
Hardware 2/	139.0	135.5	133.0	96.7	281.5	278.3	266.6	177.8
Plumbers' supplies	118.8	95.3	113.9	76.8	213.6	171.5	196.7	126.3
Stoves, oil burners, and heating equipment not elsewhere classified	134.4	130.8	128.8	105.3	265.0	258.9	247.5	182.1
Steam and hot-water heating apparatus and steam fittings	169.7	165.7	161.3	139.3	328.4	325.5	306.7	238.1
Stamped and enameled ware and galvanizing	150.2	147.2	146.7	115.4	303.4	300.9	289.3	209.0
Fabricated structural and ornamental metalwork	160.3	155.2	157.9	119.5	275.3	273.9	274.8	187.7
Metal doors, sash, frames, molding, and trim	130.1	127.4	131.3	94.2	246.0	241.2	250.1	155.9
Bolts, nuts, washers, and rivets	147.1	143.8	142.9	141.3	270.3	253.9	246.2	259.4
Forgings, iron and steel	173.5	171.8	170.1	157.3	318.5	313.4	301.1	261.9
Wrought pipe, welded and heavy-riveted	164.9	156.3	159.9	163.6	294.7	261.9	279.9	260.6
Screw-machine products and wood screws	173.2	171.6	168.3	149.5	349.6	349.0	332.5	272.5
Steel barrels, kegs, and drums	103.0	103.1	102.7	97.0	243.8	229.5	214.5	178.0
Firearms	283.2	284.3	284.1	233.2	571.2	553.2	573.2	418.9
ELECTRICAL MACHINERY	219.2	215.2	209.4	184.9	400.6	393.1	382.7	301.9
Electrical equipment	172.0	170.1	166.0	166.1	308.3	303.7	297.7	264.9
Radios and phonographs 2/	211.7	203.8	195.7	131.8	426.7	406.4	390.0	237.5
Communication equipment	287.0	282.0	277.0	207.6	521.3	521.5	504.9	328.7



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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
MACHINERY, EXCEPT ELECTRICAL	209.5	206.5	202.5	172.4	375.5	373.5	362.2	283.3
Machinery and machine-shop products	186.7	183.0	179.5	160.7	336.8	333.5	322.3	263.4
Engines and turbines	243.2	239.0	242.6	228.6	490.6	480.1	484.5	366.7
Tractors	171.6	171.8	166.4	161.3	269.9	269.0	254.1	228.8
Agricultural machinery, excluding tractors	156.3	152.1	148.1	135.3	280.7	277.2	269.8	230.9
Machine tools	162.9	169.2	169.2	142.4	282.7	291.9	285.5	233.0
Machine -tool accessories	209.8	207.5	204.8	181.2	341.6	341.5	336.0	269.9
Textile machinery	158.5	154.7	152.3	120.2	301.1	298.3	290.5	218.9
Pumps and pumping equipment	240.6	237.0	237.1	215.3	451.1	452.8	444.0	384.8
Typewriters	137.2	131.6	126.6	83.6	279.0	261.6	248.1	153.8
Cash registers, adding and calculating machines	185.2	179.9	175.8	130.5	352.0	336.0	331.8	231.3
Washing machines, wringers and driers, domestic	169.0	160.3	158.7	115.9	292.5	301.2	287.9	186.4
Sewing machines, domestic and industrial	133.6	130.8	128.3	97.0	260.5	255.0	243.1	188.4
Refrigerators and refrigeration equipment	182.2	180.6	171.2	111.5	300.9	311.4	293.3	175.6
TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES	281.5	277.1	276.3	361.3	510.7	520.9	504.9	583.5
Locomotives	420.9	423.6	419.4	482.6	852.1	895.6	846.8	1021.8
Cars, electric- and steam-railroad	206.6	198.1	195.4	182.8	411.2	387.9	364.5	302.5
Aircraft and parts, excluding aircraft engines	365.7	357.8	351.6	305.6	671.8	672.6	663.9	506.6
Aircraft engines	329.0	321.8	310.5	300.3	477.3	530.2	507.8	389.7
Shipbuilding and boatbuilding	194.3	194.5	200.8	413.0	338.2	355.2	346.6	637.9
Motorcycles, bicycles, and parts	168.1	165.0	158.0	112.3	318.4	317.5	290.9	186.1
AUTOMOBILES	185.9	185.0	188.8	130.5	310.9	307.5	318.2	192.2
NONFERROUS METALS AND THEIR PRODUCTS	177.3	175.4	172.9	139.3	333.2	326.3	319.6	243.5
Smelting and refining, primary, of nonferrous metals	142.1	139.9	135.6	122.3	256.8	250.6	247.1	214.5
Alloying and rolling and drawing of nonferrous metals except aluminum	158.8	158.4	159.0	137.4	291.4	286.6	284.7	238.7
Clocks and watches	140.5	138.8	136.8	108.1	311.4	301.6	289.7	199.3
Jewelry (precious metals) and jewelers' findings	120.5	120.9	123.8	102.9	229.0	235.7	237.3	179.3
Silverware and plated ware	124.3	121.6	120.0	86.8	258.9	257.5	250.9	173.5
Lighting equipment	152.5	152.3	149.2	107.5	271.2	264.6	260.6	177.7
Aluminum manufactures	216.3	214.9	211.0	162.9	373.7	362.0	358.1	263.9
Sheet-metal work, not elsewhere classified	146.9	142.9	139.3	112.9	285.6	284.6	261.7	200.0

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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
LUMBER AND TIMBER BASIC PRODUCTS	152.8	150.7	149.2	115.0	305.4	313.5	306.9	194.8
Sawmills and logging camps	81.3	80.9	80.9	67.1	162.5	168.9	168.1	114.0
Planing and plywood mills	105.7	104.1	102.7	83.9	204.7	208.1	199.6	137.3
FURNITURE AND FINISHED LUMBER PRODUCTS	122.1	119.8	118.2	97.7	256.8	252.7	243.4	173.2
Mattresses and bedsprings	129.8	124.3	123.6	83.2	258.8	251.8	238.4	137.8
Furniture	106.2	104.7	103.3	85.3	223.0	220.3	212.1	151.1
Wooden boxes, other than cigar	102.0	100.6	99.8	93.0	223.8	225.7	218.4	179.4
Caskets and other morticians' goods	112.0	105.6	106.0	96.6	206.7	193.0	194.0	153.0
Wood preserving	110.6	111.3	111.9	94.8	270.6	268.5	265.3	205.3
Wood, turned and shaped	105.6	104.2	103.9	95.2	222.4	219.1	212.5	168.0
STONE, CLAY, AND GLASS PRODUCTS	140.0	139.9	138.7	106.5	267.4	264.0	259.8	175.9
Glass and glassware	149.7	150.9	149.4	109.9	278.5	274.2	268.9	170.3
Glass products made from purchased glass	127.8	123.7	119.7	108.1	253.2	239.6	222.9	184.8
Cement	120.6	120.2	121.5	84.8	206.7	205.4	212.5	135.4
Brick, tile, and terra cotta	109.7	112.1	111.7	82.6	222.3	228.0	224.1	139.1
Pottery and related products	146.8	145.5	145.1	119.9	262.5	262.0	257.7	188.1
Gypsum	126.7	119.6	119.7	92.4	240.7	232.1	231.0	155.1
Wallboard, plaster (except gypsum), and mineral wool	135.6	133.0	132.9	117.7	289.7	281.7	284.7	220.6
Lime	95.2	94.7	94.1	81.4	221.4	218.3	219.9	167.5
Marble, granite, slate, and other products	93.2	92.8	94.1	71.3	155.3	155.8	152.9	105.3
Abrasives	259.0	256.2	249.7	210.7	440.8	407.8	400.0	328.8
Asbestos products	136.6	134.7	129.0	91.1	295.4	289.5	273.7	175.9
Nondurable Goods								
TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES	108.4	107.0	106.0	92.9	247.9	242.9	237.2	174.8
Cotton manufactures, except small wares	117.5	116.0	115.1	100.7	293.5	285.4	281.7	199.9
Cotton small wares	107.5	108.8	107.5	98.5	220.6	228.7	222.0	178.2
Silk and rayon goods	79.1	78.3	77.6	70.5	191.4	189.3	180.9	142.0
Woolen and worsted manufactures, except dyeing and finishing	108.7	107.5	107.0	95.8	242.7	243.7	242.7	184.0
Hosiery	73.9	72.8	71.6	64.0	154.5	150.4	143.7	109.0
Knitted cloth	102.9	102.3	102.2	94.9	217.4	217.1	216.1	180.1
Knitted outerwear and knitted gloves	112.0	109.6	108.0	100.5	252.2	243.9	234.0	192.5
Knitted underwear	92.4	91.3	90.6	87.1	207.9	203.9	199.4	161.5
Dyeing and finishing textiles including woolen and worsted	96.9	95.9	95.9	80.8	201.6	195.2	186.8	142.6
Carpets and rugs, wool	100.3	97.9	96.1	72.0	204.0	196.2	182.5	124.6
Hats, fur-felt	80.6	79.1	78.0	67.4	187.9	182.0	181.3	140.6
Jute goods, except felts	101.2	106.4	105.7	100.0	228.6	239.4	237.4	198.8
Cordage and twine	125.8	127.2	125.5	117.2	268.0	268.5	266.2	220.4



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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
<b>SPAREL AND OTHER FINISHED TEXTILE PRODUCTS</b>	137.2	137.4	135.3	117.8	288.5	288.9	288.2	208.0
Men's clothing, not elsewhere classified	93.4	91.3	90.2	81.1	206.7	189.4	186.8	136.9
Shirts, collars, and nightwear	80.6	77.8	77.3	71.6	188.3	172.7	167.6	132.1
Underwear and neckwear, men's	78.6	78.7	76.8	70.7	205.0	197.2	191.1	146.9
Work shirts	100.8	99.7	100.6	97.5	243.0	224.4	219.3	188.7
Women's clothing, not elsewhere classified	76.9	79.9	79.7	74.8	154.2	170.5	176.0	136.1
Corsets and allied garments 2/	88.3	86.8	84.6	79.2	182.1	177.1	166.2	142.7
Millinery	57.8	78.4	79.0	73.9	100.4	138.7	147.1	110.4
Handkerchiefs	50.2	48.6	46.7	53.0	118.0	108.8	100.7	98.3
Curtains, draperies, and bedspreads	86.1	89.2	82.9	66.2	191.2	196.9	176.1	129.6
House furnishings, other than curtains, etc.	98.0	105.1	103.7	85.2	207.0	200.2	218.1	149.9
Textile bags	120.3	117.4	112.2	122.7	231.5	224.1	210.0	206.1
<b>LEATHER AND LEATHER PRODUCTS</b>	102.5	101.5	102.4	92.5	201.0	198.1	203.3	165.3
Leather	87.0	88.1	89.1	86.2	160.8	158.7	160.2	146.4
Boot and shoe cut stock and findings	96.5	94.6	94.2	86.4	170.9	170.0	170.5	138.0
Boots and shoes	88.6	87.3	88.8	79.6	178.8	175.4	182.4	145.7
Leather gloves and mittens	108.6	109.8	109.9	109.5	211.9	219.6	220.6	188.9
Trunks and suitcases	175.4	176.6	175.0	141.8	341.2	346.1	333.6	256.7
<b>FOOD</b>	131.4	125.7	135.4	127.0	248.1	228.6	242.7	214.9
Slaughtering and meat packing	115.3	70.0	78.6	110.0	215.7	110.5	118.2	185.2
Butter	136.1	138.5	139.8	126.5	243.4	256.1	258.7	203.5
Condensed and evaporated milk	135.4	140.7	146.6	137.5	253.7	264.9	279.9	223.5
Ice cream	107.2	111.9	120.2	99.4	183.2	194.9	204.0	151.6
Flour	124.8	123.3	119.9	124.9	254.1	255.1	249.1	212.3
Feeds, prepared	141.8	140.7	136.2	152.6	272.3	268.2	261.1	267.9
Cereal preparations	147.0	145.1	146.0	122.0	271.6	274.7	269.6	211.9
Baking	107.9	104.6	104.6	110.2	199.0	190.8	187.5	181.4
Sugar refining, cane	85.2	78.3	86.9	87.1	141.0	123.7	138.3	125.9
Sugar, beet	210.3	187.0	76.9	220.9	424.9	310.1	152.4	361.9
Confectionery	114.9	112.1	104.9	111.3	226.9	212.1	204.4	197.6
Beverages, nonalcoholic	109.2	108.3	113.2	111.2	163.7	161.6	170.6	150.8
Malt liquors	147.6	146.7	150.2	150.2	236.9	235.4	244.2	225.2
Canning and preserving	98.1	128.9	182.2	92.7	212.9	324.7	466.8	179.4
<b>TOBACCO MANUFACTURES</b>	97.6	95.8	93.5	89.2	212.7	207.4	196.0	172.2
Cigarettes	125.7	123.7	122.9	127.1	247.1	238.9	226.7	207.8
Cigars	83.0	81.4	78.6	67.7	194.3	191.7	180.9	148.7
Tobacco (chewing and smoking) and snuff	87.0	85.6	82.8	91.5	166.7	160.0	150.7	150.5



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

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
<b>PAPER AND ALLIED PRODUCTS</b>	142.9	140.2	138.6	122.9	273.9	265.8	257.1	211.0
Paper and pulp	123.5	122.0	122.0	107.8	240.2	234.9	228.0	190.0
Paper goods, other	127.9	125.5	123.8	114.7	240.7	233.5	225.8	185.6
Envelopes	125.0	121.3	119.3	110.5	229.3	212.9	207.9	176.8
Paper bags	137.8	135.2	132.3	118.8	262.3	259.6	249.8	215.2
Paper boxes	132.6	129.5	126.3	116.3	253.6	245.0	235.8	197.0
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	121.6	120.1	117.6	105.9	205.5	200.3	195.2	158.5
Newspapers and periodicals	113.7	112.8	111.0	101.0	182.0	178.9	175.6	138.3
Printing, book and job	130.6	129.2	126.1	112.9	227.9	220.8	215.8	178.1
Lithographing	116.5	115.1	113.6	100.1	196.1	191.4	185.2	157.1
Bookbinding	130.5	128.0	123.2	110.1	271.0	262.8	246.5	205.4
<b>CHEMICALS AND ALLIED PRODUCTS</b>	173.7	170.5	167.9	169.1	311.8	303.5	298.3	281.8
Paints, varnishes, and colors	127.7	127.9	127.8	112.5	208.2	204.8	201.7	174.7
Drugs, medicines, and insecticides	195.4	193.8	190.0	175.3	341.9	331.9	316.8	268.7
Perfumes and cosmetics	120.0	121.8	118.0	119.7	215.5	212.7	195.2	183.0
Soap	100.4	100.8	104.5	100.1	169.7	169.0	173.2	161.9
Rayon and allied products	121.9	119.8	118.8	117.9	215.2	209.8	210.8	188.9
Chemicals, not elsewhere classified	173.3	169.8	167.6	159.0	301.3	294.0	289.6	260.8
Explosives and safety fuses	174.1	178.2	176.9	360.7	282.4	292.4	292.9	527.2
Compressed and liquofied gases	145.6	133.1	143.7	138.9	241.8	219.4	240.8	225.3
Ammunition, small-arms	159.8	160.9	174.1	263.9	332.3	326.2	339.3	487.7
Fireworks	305.9	290.2	272.5	263.9	824.6	778.4	698.3	666.9
Cottonseed oil	134.0	114.7	85.6	135.7	338.5	275.4	196.5	305.8
Fertilizers	117.7	117.1	118.7	112.4	276.6	280.4	297.4	240.2
<b>PRODUCTS OF PETROLEUM AND COAL</b>	142.6	142.8	143.8	131.3	245.7	245.8	250.3	222.9
Petroleum refining	136.0	136.2	137.0	130.6	226.9	228.2	232.7	215.5
Coke and by-products	119.1	118.7	119.3	103.1	217.1	215.0	220.0	181.0
Paving materials	72.4	82.6	95.5	72.4	135.2	150.5	190.6	134.3
Roofing materials	157.2	157.1	156.6	122.2	313.8	303.5	298.6	219.3
<b>RUBBER PRODUCTS</b>	202.9	198.7	192.8	160.1	385.1	368.5	370.9	257.8
Rubber tires and inner tubes	207.0	204.0	197.0	168.9	360.3	346.1	348.9	240.2
Rubber boots and shoes	129.6	123.9	121.9	104.1	253.7	214.8	245.8	193.5
Rubber goods, other	147.1	144.5	141.6	119.0	292.4	288.5	282.4	208.8
<b>MISCELLANEOUS INDUSTRIES</b>	181.5	178.9	175.7	142.2	353.6	348.4	337.0	251.1
Instruments (professional and scientific), and fire control equipment	186.9	187.3	188.8	202.3	331.9	332.0	330.7	324.6
Photographic apparatus	146.8	146.8	146.7	124.6	253.4	246.6	239.1	198.0
Optical instruments and ophthalmic goods	185.7	185.4	182.0	167.0	337.1	332.8	322.1	281.2
Pianos, organs, and parts	130.4	127.0	124.0	73.8	273.0	250.5	241.1	117.9
Games, toys, and dolls	135.2	130.4	126.3	85.3	289.7	275.4	260.4	153.8
Buttons	93.0	96.4	96.3	84.3	211.3	211.0	214.1	167.5
Fire extinguishers	214.4	205.0	212.3	229.8	435.1	399.6	414.7	459.3

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

- 1/ These indexes are based on reports from 35,200 cooperating establishments covering 7,258,000 full- and part-time production workers who worked or received pay during any part of one pay period ending nearest the 15th of November 1946. Indexes for the major industry groups have been adjusted to levels indicated by final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency.
- 2/ Revisions have been made as follows in the indexes for earlier months:  
Hardware - June and August 1946 pay roll to 241.5 and 257.3 respectively.  
Radios and phonographs - August 1946 pay roll to 369.8.  
Corsets and allied garments - June, July, and August 1946 pay roll to 166.6, 154.4, and 161.2.

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

Industry Group and Industry	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
Mining 2/				
Anthracite	68.7	68.9	68.1	64.8
Bituminous coal	334	334	335	327
Metal	74.9	74.1	73.7	64.6
Iron	27.1	27.8	27.7	23.7
Copper	22.5	21.8	21.5	19.0
Lead and zinc	15.5	15.0	14.9	13.7
Gold and silver	7.4	7.2	7.2	6.0
Miscellaneous	2.4	2.3	2.4	2.2
Telephone	583	577	575	443
Telegraph 3/	4/	41.5	42.2	47.0
Electric light and power	250	249	249	215
Street railways and busses	253	252	252	236
Hotels (year-round)	387	389	385	376
Power laundries	5/	5/	5/	5/
Cleaning and dyeing	5/	5/	5/	5/
Class I steam railroads 6/	1,382	1,376	1,363	1,406
Water transportation 7/	4/	104	7/	165

1/ See footnote 1/, table 5, page 15.

2/ Data are for production workers only.

3/ Excludes messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies.

4/ Not available.

5/ 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.

6/ Source: Interstate Commerce Commission.

7/ 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 employment on vessels under bareboat charter to, or owned by the Army or Navy. Beginning with October 1946, data relate to the end of the preceding month. Data for the week ending nearest September 15th are not available.

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

Industry Group and Industry	Employment		Pay Roll	
	Percentage change from		Percentage change from	
	Oct. 1946	Nov. 1945	Oct. 1946	Nov. 1945
Wholesale trade:	+ 1.8	+10.7	+2.8	+22.2
Food products	+ 2.0	+ 4.1	+3.3	+14.1
Groceries and food specialties	+ .2	+ 6.7	+1.7	+21.5
Dry goods and apparel	+ 1.8	+10.9	+3.0	+24.5
Machinery, equipment and supplies	+ 1.3	+12.8	+3.1	+24.2
Farm products	+13.0	- 1.8	+9.4	+ 6.9
Petroleum and petroleum products (incl. bulk tank stations)	+ .7	+15.0	+ .2	+16.8
Automotive	+ .6	+26.1	+2.1	+37.6
Brokerage	- 1.0	+15.6	-1.6	+ 5.9
Insurance	+ .8	+15.7	+1.8	+20.1



Table 5. - Indexes of Employment and Pay Rolls in  
Selected Nonmanufacturing Industries 1/  
(1939 Average = 100)

Industry Group and Industry	Employment Indexes				Pay-Roll Indexes			
	Nov. 1946	Oct. 1946	Sep. 1946	Nov. 1945	Nov. 1946	Oct. 1946	Sep. 1946	Nov. 1945
Mining:								
Anthracite	82.9	83.2	82.2	78.2	182.3	199.9	194.0	144.5
Bituminous coal	90.0	90.1	90.5	88.2	233.1	237.1	234.9	212.8
Metal:								
Iron	134.9	138.7	138.1	118.0	241.9	252.4	253.3	191.8
Copper	94.4	91.2	90.0	79.7	170.7	167.1	163.1	129.6
Lead and zinc	99.4	96.3	95.6	87.9	192.1	188.5	188.0	167.6
Gold and silver	29.7	28.9	29.0	24.3	44.2	43.0	42.5	31.7
Miscellaneous	60.9	59.2	60.4	55.8	99.9	99.9	98.0	84.7
Quarrying and nonmetallic	101.2	101.7	102.5	85.0	222.4	227.6	227.9	163.2
Crude petroleum production <u>2/</u>	93.0	93.4	93.9	86.7	155.1	150.1	147.9	140.0
Public utilities:								
Telephone	183.4	181.6	181.0	139.4	273.0	269.2	265.0	200.3
Telegraph	3/	110.3	112.0	124.8	3/	174.1	177.3	177.9
Electric light and power	102.5	102.0	101.9	88.1	157.6	155.3	153.3	126.7
Street railways and busses	130.6	130.3	129.9	121.7	210.9	212.6	207.9	179.1
Wholesale trade	112.7	110.7	109.4	101.8	189.7	184.5	182.8	155.2
Retail trade:								
Food	108.6	103.7	103.5	106.5	185.6	174.6	173.6	154.9
General merchandise	144.8	132.1	125.4	127.4	225.0	204.7	199.0	172.4
Apparel	124.3	120.1	116.7	117.1	207.9	201.5	197.8	175.2
Furniture and house furnishings	85.5	83.1	81.5	69.4	148.6	139.8	139.1	103.8
Automotive	97.6	96.6	95.5	80.5	168.5	166.0	164.8	126.6
Lumber and building materials	115.2	113.8	113.8	101.0	191.9	192.3	190.0	150.7
Hotels (year-round) <u>4/</u>	120.0	120.5	119.5	116.5	218.2	214.3	209.5	190.6
Power laundries	109.9	110.1	109.9	106.7	191.5	189.8	188.7	168.9
Cleaning and dyeing	123.0	126.1	125.6	120.6	217.0	225.7	225.6	193.5
Class I steam railroads <u>5/</u>	139.9	139.3	138.0	142.4	3/	3/	3/	3/
Water transportation <u>6/</u>	3/	199.2	6/	315.1	3/	422.6	6/	582.1

1/ These figures are based on reports from cooperating establishments covering both full- and part-time employees who worked or received pay during any part of one pay period ending nearest the 15th of November 1946, as follows:

Mining: 2,800 establishments - 338,000 production workers.

Public utilities: 2,800 establishments - 697,000 employees.

Wholesale trade: 11,800 establishments - 328,000 employees.

Retail trade: 39,000 establishments - 1,112,000 employees.

Hotels (year-round): 1,300 establishments - 137,000 employees.

Power laundries and cleaning and dyeing: 1,500 establishments - 72,000 production workers

2/ Does not include well drilling or rig building.

3/ Not available.

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

5/ Source: Interstate Commerce Commission.

6/ Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes employment on vessels under bareboat charter to, or owned by the Army or Navy. Beginning with October 1946, data relate to the end of the preceding month. Data for the week ending nearest September 15th are not available.

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

(In thousands)

Industry Division	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
Total <u>1/</u>	40,490	40,211	40,134	36,779
Manufacturing <u>2/</u>	14,970	14,761	14,735	13,110
Mining	828	827	827	793
Contract construction and Federal force-account construction	1,864	2,040	2,103	1,014
Transportation and public utilities	4,007	3,987	3,949	3,871
Trade	8,268	8,039	7,918	7,571
Finance, service and miscellaneous	5,244	5,208	5,155	4,845
Federal, State and local government excluding Federal force-account construction	5,309	5,349	5,447	5,575

- 1/ Estimates include all full- and part-time wage and salary workers in nonagricultural establishments who worked or received pay during the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.
- 2/ Estimates for manufacturing have been adjusted to levels indicated by final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency and are comparable with the estimates shown in tables 1 and 7.

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

Industry Group	All Employees <sup>2/</sup> (In. thousands)			
	Nov. 1946	Oct. 1946	Sept. 1946	Nov. 1945
All manufacturing	14,970	14,761	14,735	13,110
Durable goods	7,514	7,413	7,385	6,470
Nondurable goods	7,456	7,348	7,350	6,640
Iron and steel and their products	1,732	1,693	1,708	1,494
Electrical machinery	735	724	707	659
Machinery, except electrical	1,424	1,406	1,380	1,207
Transportation equipment, except automobiles	574	566	571	755
Automobiles	919	917	935	667
Nonferrous metals and their products	469	465	459	388
Lumber and timber basic products	708	698	690	539
Furniture and finished lumber products	475	467	462	387
Stone, clay, and glass products	478	477	473	374
Textile-mill products and other fiber manufactures	1,349	1,332	1,319	1,161
Apparel and other finished textile products	1,233	1,234	1,214	1,058
Leather and leather products	396	392	394	358
Food	1,518	1,467	1,540	1,457
Tobacco manufactures	105	102	100	96
Paper and allied products	457	449	445	397
Printing, publishing, and allied industries	653	646	637	580
Chemicals and allied products	660	650	642	635
Products of petroleum and coal	215	216	217	197
Rubber products	300	295	286	240
Miscellaneous industries	570	565	556	461

<sup>1/</sup> Estimates include all full- and part-time wage and salary workers in manufacturing industries who worked or received pay during the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded. These estimates have been adjusted to levels indicated by final 1944 data made available by the Bureau of Employment Security of the Federal Security Agency.

<sup>2/</sup> Includes production and non-production workers.



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

Region and State	All industry divisions			Manufacturing		
	Oct. 1946	Sept. 1946	Oct. 1945	Oct. 1946	Sept. 1946	Oct. 1945
New England 1/	2,957	2,962	2,704	1,545	1,532	1,355
Maine 2/	235	236	222	115	114	106
New Hampshire 2/	144	149	131	79.0	79.6	71.4
Vermont 2/	89.5	89.3	81.9	42.1	41.6	37.2
Massachusetts 3/	1,503	1,511	1,433	754	750	679
Rhode Island 3/	271	268	244	146	143	124
Connecticut 3/	714	709	592	409	404	337
Middle Atlantic 1/	8,931	8,993	8,333	3,969	3,977	3,595
New York 3/	4,483	4,486	4,172	1,889	1,876	1,719
New Jersey 3/	1,373	1,380	1,277	722	718	655
Pennsylvania 3/	3,075	3,127	2,884	1,358	1,383	1,221
East North Central	8,705	8,712	7,633	4,227	4,227	3,546
Ohio 1/ 4/	2,358	2,355	2,070	1,198	1,191	1,010
Indiana	991	992	898	474	472	407
Illinois 1/ 3/	2,848	2,830	2,555	1,151	1,143	1,001
Michigan 1/ 3/	1,713	1,730	1,396	1,015	1,025	778
Wisconsin 1/ 3/	795	805	714	389	390	350
West North Central 1/	2,830	2,838	2,617	784	790	744
Minnesota 2/	673	679	604	195	199	182
Iowa 5/	456	458	424	128	132	120
Missouri 6/	923	934	865	334	331	307
North Dakota 5/	83.8	82.5	73.7	6.3	6.2	5.6
South Dakota 5/	89.9	90.5	81.6	8.1	7.9	9.6
Nebraska 5/	249	249	240	39.6	40.3	43.1
Kansas 3/	345	345	329	73.2	73.7	77.1
South Atlantic 1/	4,457	4,469	4,220	1,535	1,539	1,406
Delaware 3/	93.0	95.9	84.2	46.5	49.1	42.4
Maryland 3/	626	639	601	239	247	220
District of Columbia 2/	456	467	452	16.7	16.7	14.5
Virginia 3/	652	641	636	211	211	187
West Virginia 4/	423	423	378	132	133	121
North Carolina 3/	747	745	684	362	359	332
South Carolina 8/	364	368	359	183	183	167
Georgia 8/	636	641	600	264	263	244
Florida 8/	460	449	426	81.0	77.1	78.3
East South Central 1/	1,749	1,748	1,603	668	667	622
Kentucky 4/	427	430	398	121	125	116
Tennessee 8/	561	560	502	245	243	232
Alabama 8/	512	510	474	215	212	194
Mississippi 8/	249	248	229	87.3	87.2	79.7
West South Central 1/	2,422	2,430	2,319	568	560	580
Arkansas 3/	244	242	232	70.2	69.1	70.6
Louisiana 3/	447	444	452	129	127	137
Oklahoma 6/	350	350	333	52.4	52.2	60.0
Texas 3/	1,381	1,394	1,302	316	312	312

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

Region and State	All industry divisions			Manufacturing		
	Oct. 1946	Sept. 1946	Oct. 1945	Oct. 1946	Sept. 1946	Oct. 1945
Mountain 1/	967	967	888	153	152	137
Montana 3/ *	120	122	108	17.4	16.5	14.2
Idaho 9/	104	104	94.6	19.9	20.4	17.2
Wyoming 9/ *	63.2	63.1	65.7	6.4	5.9	6.1
Colorado 9/ *	286	287	260	57.1	55.5	52.1
New Mexico 9/ *	88.1	88.8	82.4	10.3	10.5	8.4
Arizona 10/	105	104	98.6	11.3	11.1	12.3
Utah 3/	151	154	136	27.8	28.9	24.3
Nevada 10/	49.7	44.5	42.9	3.1	3.2	2.6
Pacific 1/	3,351	3,370	3,057	1,008	1,028	973
Washington 3/	543	549	529	168	168	173
Oregon 10/	321	327	297	123	129	112
California 3/	2,487	2,494	2,231	717	731	688

- 1/ Estimates for manufacturing have been revised to conform with the new series prepared by cooperating state or Regional office. Because this series has been adjusted to recent data made available under the Federal Social Security program, it is not comparable with data previously shown nor with current estimates for "All Industry Divisions". Comparable series for manufacturing estimates, January 1943 to date, available upon request to Regional Director, U. S. Dept. of Labor or cooperating state agency.
- 2/ Address: Regional Director, U. S. Dept. of Labor, Boston 8, Massachusetts.
- 3/ Data secured in cooperation with:
- Massachusetts - Dept. of Labor and Industries, State House, Boston 33.
  - Rhode Island - Dept. of Labor, Division of Census and Statistics, Providence 2.
  - Connecticut - Employment Security Division, Hartford 15.
  - New Jersey - Dept. of Labor, Trenton 8.
  - New York - Division of Research, Statistics and Publication, New York State Dept. of Labor, Albany 1.
  - Pennsylvania - Federal Reserve Bank of Philadelphia, 925 Chestnut Street, Philadelphia 1.
  - Illinois - Dept. of Labor, Division of Statistics and Research, Chicago 6.
  - Michigan - Dept. of Labor and Industry, Lansing 13.
  - Wisconsin - Industrial Commission of Wisconsin, Madison 3.
  - Minnesota - Division of Employment and Security, St. Paul 1.
  - Kansas - Kansas State Labor Department, Topeka.
  - Delaware - Federal Reserve Bank of Philadelphia, 925 Chestnut Street, Philadelphia 1, Pa.
  - Maryland - Dept. of Labor and Industry, Baltimore 2.
  - Virginia - Division of Research and Statistics, State Dept. of Labor and Industry, Richmond 21.
  - North Carolina - North Carolina Dept. of Labor, Raleigh.
  - Arkansas - Dept. of Labor, Little Rock.
  - Louisiana - Bureau of Business Research, College of Commerce, Louisiana State University, Baton Rouge 3.
  - Texas - Bureau of Business Research, University of Texas, Austin 12.
  - Montana - Unemployment Compensation Commission of Montana, Helena.
  - Utah - Dept. of Employment Security, Salt Lake City 13.
  - Washington - Office of Unemployment Compensation and Placement, P. O. Box 367, Olympia.
  - California - Division of Labor Statistics and Research, San Francisco 2.
- 4/ Address: Regional Director, U. S. Dept. of Labor, Cleveland 14, Ohio.
- 5/ Address: Regional Director, U. S. Dept. of Labor, Chicago 6, Illinois.
- 6/ Address: Regional Director, U. S. Dept. of Labor, Dallas 1, Texas.
- 7/ Address: U. S. Dept. of Labor, Washington 25, D. C.
- 8/ Address: Regional Director, U. S. Dept. of Labor, Atlanta 3, Georgia.
- 9/ Address: Regional Director, U. S. Dept. of Labor, Denver 2, Colorado.
- 10/ Address: Regional Director, U. S. Dept. of Labor, San Francisco 3, California.

\* Estimates for manufacturing are revised because of adjustment to more recent benchmark data made available under the Federal Security Agency program.



Table 9.—Employment and Pay Rolls for Regular Federal Services  
and for Government Corporations, November 1946

(In thousands)

Branch	Employment <u>1/</u>			Pay rolls <u>2/</u>		
	November 1946 <u>3/</u>	October 1946	November 1945	November 1946 <u>3/</u>	October 1946 <u>3/</u>	November 1945 <u>3/</u>
Total	2,437.9	2,471.4	3,300.0	\$621,313	\$530,725	\$571,666
Executive <u>4/</u>	2,395.3	2,428.9	3,256.3	611,858	521,740	563,626
Washington, D. C.						
Metropolitan area <u>5/</u>	224.8	225.9	232.6	78,489	56,874	50,625
War agencies <u>6/</u>	79.1	81.5	97.6	24,428	20,255	20,336
Other agencies	145.7	144.4	135.0	54,061	36,619	30,289
Other areas	2,170.5	2,203.0	3,023.7	533,369	464,866	513,001
War agencies <u>6/</u>	1,150.3	1,190.5	2,192.9	266,206	251,422	344,137
Continental United States	870.0	911.1	1,440.7	234,633	221,694	294,593
Outside Continental United States <u>7/</u>	280.3	279.4	752.2	31,573	29,728	49,544
Other agencies	1,020.2	1,012.5	830.8	267,163	213,444	168,867
Continental United States	991.9	984.6	807.4	258,527	207,588	164,039
Outside Continental United States <u>7/</u>	28.3	27.9	23.4	8,636	5,856	4,825
Legislative	6.9	6.9	6.4	2,364	2,115	1,757
Judicial	3.0	3.0	2.9	1,358	1,083	912
Government corporations <u>8/</u>	32.7	32.6	34.4	5,733	5,787	5,371

Prepared in the Division of Construction and Public Employment.

1/ Employment is as of the first of the month.

2/ Pay rolls are for all pay periods ending within the calendar month. Beginning July 1945 this represents pay for four weeks for most employees, except in Nov. 1946 when it represents pay for six weeks.

3/ Subject to revision.

4/ Includes data for United States navy yards and force-account construction which are also included under construction and shipbuilding and repair projects (tables 11 and 12). Beginning July 1945, data include clerks at third-class post offices, who previously were working on a contract basis. Data exclude substitute rural mail carriers.

5/ Includes areas in Maryland and Virginia which are within the metropolitan area, as defined by the Bureau of the Census.

6/ Covers War and Navy Departments, Maritime Commission, National Advisory Committee for Aeronautics, The Panama Canal, Price Decentral Board, Philippine War Damage Commission, and the emergency war agencies.

7/ Includes Alaska and the Panama Canal Zone.

8/ Covers the Panama Railroad Company, the Federal Reserve banks, and banks of the Farm Credit Administration. Data for other Government corporations are included under the executive branch.

Note: Revisions which are made from time to time for months prior to those shown in this table are available in the Monthly Labor Review under "Trend of Employment, Earnings, and Hours: Public Employment." Mimeographed tables showing Federal employment monthly from 1939 to date and Federal pay rolls monthly from 1943 to date are available upon request.



Table 10.—Personnel and Pay of the Military Branch of the  
Federal Government in Selected Months  
(in thousands)

Branch, sex, or type of pay	November 1946 (prelim- inary)	October 1946 (prelim- inary)	September 1946 (prelim- inary)	November 1945	November 1941
Personnel, total <u>1/</u> .....	2,441	2,477	2,476	10,091	2,061
Army .....	1,717	1,738	1,731	6,487	1,643
Navy <u>2/</u> .....	724	739	745	3,604	418
Men .....	2,412	2,444	2,440	9,855	2,054
Women .....	29	33	36	236	7
Pay, total .....	\$738,083	\$612,065	\$475,227	\$1,801,848	\$142,236
Army .....	453,581	374,162	304,352	1,183,877	100,804
Navy <u>2/</u> .....	284,502	237,903	170,875	617,971	41,432
Pay rolls <u>3/</u> .....	354,097	390,650	384,052	1,160,928	142,236
Mustering-out pay <u>4/</u> .....	47,506	56,665	51,139	413,334	-
Family allowances <u>5/</u> .....	35,311	35,653	38,029	227,586	-
Leave payments <u>6/</u> .....	301,169	129,097	2,007	-	-
Cash .....	19,610	10,087	1,984	-	-
Bonds .....	281,559	119,010	23	-	-

Prepared in the Division of Construction and Public Employment.

- 1/ Personnel is as of the first of the calendar month and includes those on terminal leave.
- 2/ Data for the Navy cover the Navy, Marine Corps, and Coast Guard. The missing and those in the hands of the enemy are included.
- 3/ Pay rolls are computed from personnel records. The personnel used in the computations is the count as of the last day of the month for the Army and the average for the month for the Navy. Pay rolls for the Navy (proper) include quarterly clothing allowances in October. In October 1946 those allowances amounted to \$4,616,000.
- 4/ Although payments may extend over a period of three months, data for the Navy (proper) include the total amount in the month of discharge.
- 5/ Represents Government's contribution. The men's share is included in the pay roll.
- 6/ Leave payments were authorized by Public Law 704 of the 79th Congress to former enlisted personnel for accrued and unused leave and to present officers and enlisted personnel for leave accrued in excess of 60 days. Payment of present enlisted personnel while on terminal leave is included in the pay roll. Value of the bonds represents the face value; interest will be paid in addition to the face value at the time the bonds are cashed.

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

Shipbuilding region	Employment (in thousands)		
	November 1946 <u>1/</u>	October 1946	November 1945
All regions .....	243.9	248.7	561.3
U. S. navy yards <u>2/</u> .....	91.4	93.6	228.8
Private shipyards .....	152.5	155.1	332.5
North Atlantic .....	110.5	112.8	253.1
South Atlantic .....	30.5	31.5	63.5
Gulf .....	25.0	26.0	54.3
Pacific .....	69.3	70.4	177.4
Great Lakes .....	5.8	5.8	7.3
Inland .....	2.8	2.2	5.7

1/ Preliminary.

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

Table 12.—Estimated Employment and Pay Rolls on Construction in Continental United States,  
November 1945, October and November 1946

Type of project	Employment (in thousands)			Pay rolls (in thousands)		
	November 1946 <u>1/</u>	October 1946 <u>2/</u>	November 1945 <u>2/</u>	November 1946 <u>1/</u>	October 1946 <u>2/</u>	November 1945 <u>2/</u>
Total construction, <u>3/</u>	2,064.6	2,249.6	1,182.8	<u>4/</u>	<u>4/</u>	<u>4/</u>
At the construction site	1,813.3	1,976.0	1,035.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Federal projects <u>5/</u>	<u>6/</u> 243.3	<u>6/</u> 253.3	<u>6/</u> 115.9	<u>7/</u> \$52,214	<u>7/</u> \$53,655	<u>7/</u> \$21,452
Airports	1.5	2.0	5.9	324	424	1,316
Buildings	133.3	138.2	66.3	28,185	28,912	11,491
Residential	110.6	111.2	5.3	24,241	23,993	1,172
Nonresidential <u>8/</u>	<u>6/</u> 22.7	<u>6/</u> 27.0	<u>6/</u> 61.0	<u>7/</u> 3,944	<u>7/</u> 4,919	<u>7/</u> 10,319
Electrification	7.0	6.1	.9	1,036	917	186
Reclamation	9.3	9.0	6.0	2,284	2,041	1,223
River, harbor, and flood control	30.0	30.2	18.4	6,899	6,685	3,819
Streets and highways	52.0	57.4	10.2	11,569	12,735	1,875
Water and sewer systems	1.4	1.5	2.3	277	311	401
Miscellaneous	8.8	8.9	5.9	1,640	1,630	1,141
Non-Federal projects	1,570.0	1,722.7	919.7	<u>4/</u>	<u>4/</u>	<u>4/</u>
Buildings	1,121.3	1,203.6	630.1	2,915,380	3,105,288	142,403
Residential	534.4	578.2	263.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
Nonresidential	586.9	625.4	366.9	<u>4/</u>	<u>4/</u>	<u>4/</u>
Farm dwellings and ser- vice buildings	131.0	176.0	80.8	<u>4/</u>	<u>4/</u>	<u>4/</u>
Public utilities	149.3	147.3	120.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Streets and highways	91.7	103.3	37.1	<u>4/</u>	<u>4/</u>	<u>4/</u>
State	30.0	31.9	14.5	<u>4/</u>	<u>4/</u>	<u>4/</u>
County and municipal	61.7	71.4	22.6	<u>4/</u>	<u>4/</u>	<u>4/</u>
Miscellaneous	76.7	92.5	51.1	<u>4/</u>	<u>4/</u>	<u>4/</u>
Other <u>9/</u>	251.3	273.6	147.2	<u>4/</u>	<u>4/</u>	<u>4/</u>
Maintenance of State roads <u>10/</u>	105.0	108.0	89.6	<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: November 1945, 16,765, \$3,101,538; October 1946, 21,061 \$3,991,714; November 1946, 19,956; \$3,769,634. These employees are also included under the Federal executive service (table 9); all other workers were employed by contractors and subcontractors.

6/ Includes employment on construction of plants to produce atomic bombs, which, for security reasons, was not previously included in these estimates but was shown in the classification "other", as follows: November 1945, 10,400; October 1946, 1300; November 1946, 1300.

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.