

EMPLOYMENT and pay rolls

**DETAILED REPORT
DECEMBER 1949**

**UNITED STATES DEPARTMENT OF LABOR
Maurice J. Tobin - Secretary
BUREAU OF LABOR STATISTICS
Ewan Clague - Commissioner**

N O T I C E

The expanded cooperative BLS-State program makes possible the publication for the first time of information on nonagricultural employment for 24 local areas. The new series appears in Table 8 page 17. This information will be published monthly hereafter. Statistics on hours and gross earnings of production workers in manufacturing industries in 31 local areas are presented in the Hours and Earnings Industry Report.

Figures on employment in nonagricultural industries in local areas are prepared by State cooperating agencies (see list on p. iv). Similar data for past periods and in greater industry detail are available on request to the State Agencies. State programs have been inaugurated to provide data for about 100 local areas, selected jointly by the Bureau of Labor Statistics and the Bureau of Employment Security. As additional information becomes available from State agencies, it will be published.

February 27, 1950

U. S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Soltar - Ext. 351

EMPLOYMENT AND PAY ROLLS

Detailed Report

December 1949

<u>TABLE</u>	<u>CONTENTS</u>	<u>PAGE</u>
1	Employees in Nonagricultural Establishments, by Industry Division and Group	2
2	All Employees and Production Workers in Mining and Manufacturing Industries	4
3	Indexes of Production-Worker Employment and Weekly Pay Rolls in Manufacturing Industries	9
4	Employees in Private and U. S. Navy Shipyards, by Region	10
5	Federal Civilian Employment and Pay Rolls in All Areas and in Continental United States, and Total Civilian Government Employment and Pay Rolls in Washington, D. C.	11
6	Personnel and Pay of the Military Branch of the Federal Government	12
7	Employees in Nonagricultural Establishments, by Industry Division, by State	13
8	Employees in Nonagricultural Establishments by Industry Division, Selected Areas	17
	Explanatory Notes	i
	Glossary	v

Data for the 2 most recent months
shown are subject to revision

Explanatory notes outlining briefly the
concepts, methodology, and sources used
in preparing data presented in this re-
port appear in the appendix. See pages
i - viii.

Prepared by

Division of Employment Statistics

Samuel Weiss, Chief

TABLE 1: Employees In Nonagricultural Establishments, by Industry
Division and Group

(In thousands)

Industry division and group	1949			1948	
	December	November	October	December	November
TOTAL	43,695	42,772	42,601	45,282	44,815
MINING	936	913	593	1,002	999
Metal mining	91.3	82.9	64.7	98.5	97.2
Anthracite	76.4	76.7	76.2	80.1	80.0
Bituminous-coal	421.0	403.6	99.8	460.8	458.0
Crude petroleum and natural gas production	253.8	254.6	256.2	263.7	263.0
Nonmetallic mining and quarrying	93.3	95.5	95.9	99.3	100.8
CONTRACT CONSTRUCTION	2,091	2,244	2,313	2,200	2,287
MANUFACTURING	14,054	13,800	13,892	15,174	15,368
DURABLE GOODS	7,319	7,043	6,986	8,258	8,352
Ordnance and accessories	21.6	21.8	22.6	27.9	28.2
Lumber and wood products (except furniture)	746	751	750	780	816
Furniture and fixtures	332	326	327	339	346
Stone, clay, and glass products	479	477	478	518	524
Primary metal industries	1,114	887	703	1,267	1,265
Fabricated metal products (except ordnance, machinery, and transportation equipment)	841	820	829	966	980
Machinery (except electrical)	1,232	1,209	1,223	1,509	1,518
Electrical machinery	762	750	753	853	860
Transportation equipment	1,119	1,111	1,208	1,282	1,277
Instruments and related products	234	234	235	258	259
Miscellaneous manufacturing industries	436	456	457	458	479
NONDURABLE GOODS	6,735	6,757	6,906	6,916	7,016
Food and kindred products	1,491	1,540	1,631	1,513	1,570
Tobacco manufactures	93	95	99	100	104
Textile-mill products	1,275	1,272	1,256	1,324	1,333
Apparel and other finished textile products	1,159	1,146	1,199	1,155	1,174
Paper and allied products	455	458	456	475	477
Printing, publishing, and allied industries	738	734	735	739	736
Chemicals and allied products	661	661	665	709	713
Products of petroleum and coal	243	244	241	249	251
Rubber products	235	234	234	256	259
Leather and leather products	385	373	390	396	399

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 1: Employees in Nonagricultural Establishments, by Industry
Division and Group (Continued)

(In thousands)

Industry division and group	1949			1948	
	December	November	October	December	November
TRANSPORTATION AND PUBLIC UTILITIES	3,935	3,891	3,871	4,158	4,166
Transportation	2,737	2,688	2,664	2,928	2,937
Interstate railroads	1,328	1,281	1,257	1,504	1,517
Class I railroads	1,149	1,114	1,090	1,306	1,329
Local railways and bus lines	154	154	156	162	162
Trucking and warehousing	576	571	568	571	579
Other transportation and services	679	682	683	691	679
Communication	660	665	669	702	702
Telephone	611.7	615.5	618.5	643.6	643.0
Telegraph	47.7	48.2	49.4	57.8	58.3
Other public utilities	538	538	538	528	527
Gas and electric utilities	513.7	513.6	513.7	504.9	503.3
Local utilities	24.7	24.8	24.7	23.4	23.4
TRADE	10,130	9,605	9,505	10,273	9,807
Wholesale trade	2,537	2,538	2,554	2,595	2,612
Retail trade	7,593	7,067	6,951	7,678	7,195
General merchandise stores	1,973	1,588	1,489	1,990	1,647
Food and liquor stores	1,217	1,208	1,200	1,208	1,197
Automotive and accessories dealers	716	704	696	668	654
Apparel and accessories stores	634	561	557	670	608
Other retail trade	3,053	3,006	3,009	3,142	3,089
FINANCE	1,770	1,767	1,767	1,724	1,721
Banks and trust companies	416	415	415	409	408
Security dealers and exchanges	55.4	55.1	55.0	56.9	57.0
Insurance carriers and agents	630	628	626	602	600
Other finance agencies and real estate	669	669	671	656	656
SERVICE	4,738	4,769	4,794	4,757	4,782
Hotels and lodging places	444	445	451	461	458
Laundries	346.8	347.8	350.6	349.6	350.5
Cleaning and dyeing plants	142.5	144.6	147.4	145.3	146.8
Motion pictures	238	238	238	238	238
GOVERNMENT	6,041	5,783	5,866	5,994	5,685
Federal	2,101	1,823	1,863	2,161	1,856
State and local	3,940	3,960	4,003	3,833	3,829

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 2: All Employees and Production Workers in Mining and Manufacturing Industries

(In thousands)

Industry group and industry	All employees			Production workers		
	1949			1949		
	December	November	October	December	November	October
MINING	936	913	593	--	--	--
METAL MINING	93.3	82.9	64.7	80.6	72.4	54.1
Iron mining	33.2	27.7	9.2	29.9	24.5	6.0
Copper mining	21.7	21.2	21.2	19.2	18.8	18.8
Lead and zinc mining	18.4	17.3	17.1	16.1	15.0	14.7
ANTHRACITE	76.4	76.7	76.2	71.8	72.1	71.6
BITUMINOUS-COAL	421.0	403.6	99.8	392.0	374.9	77.0
CRUDE PETROLEUM AND NATURAL GAS PRODUCTION	253.8	254.6	256.2	--	--	--
Petroleum and natural gas production	--	--	--	124.0	124.4	126.1
NONMETALLIC MINING AND QUARRYING	93.3	95.5	95.9	80.4	82.6	83.2
MANUFACTURING	14,054	13,800	13,892	11,513	11,283	11,368
DURABLE GOODS	7,319	7,043	6,986	5,965	5,713	5,651
NONDURABLE GOODS	6,735	6,757	6,906	5,548	5,570	5,717
ORDNANCE AND ACCESSORIES	21.6	21.8	22.6	17.1	17.3	18.1
FOOD AND KINDRED PRODUCTS	1,491	1,540	1,631	1,138	1,184	1,273
Meat products	308.5	299.7	292.8	251.8	242.5	236.0
Dairy products	133.0	136.4	142.2	96.2	98.9	104.0
Canning and preserving	160.3	184.5	258.2	135.0	159.2	232.2
Grain-mill products	120.3	123.0	125.4	95.1	96.8	100.3
Bakery products	281.0	286.3	292.4	189.4	194.4	199.4
Sugar	42.2	49.2	48.0	37.8	44.6	43.5
Confectionery and related products	104.8	109.4	113.6	90.5	95.3	99.2
Beverages	205.8	212.0	215.0	141.4	146.3	149.2
Miscellaneous food products	135.2	139.9	142.9	101.0	105.9	108.9
TOBACCO MANUFACTURES	93	95	99	86	89	92
Cigarettes	26.8	26.9	26.9	24.3	24.4	24.4
Cigars	43.0	45.5	45.7	41.2	43.6	43.6
Tobacco and snuff	12.9	12.8	13.1	11.4	11.4	11.7
Tobacco stemming and redrying	10.2	10.2	12.9	9.3	9.2	11.9

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 2: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

Industry group and industry	All employees			Production workers		
	1949			1949		
	December	November	October	December	November	October
TEXTILE-MILL PRODUCTS	1,275	1,272	1,256	1,187	1,184	1,168
Yarn and thread mills	157.9	156.0	153.3	148.8	147.0	144.4
Broad-woven fabric mills	604.0	601.8	594.8	573.8	571.7	564.5
Knitting mills	245.0	247.9	244.8	226.7	229.8	226.7
Dyeing and finishing textiles	90.0	89.4	87.3	80.6	80.0	78.0
Carpets, rugs, other floor coverings	59.2	58.2	57.5	51.3	50.4	49.7
Other textile-mill products	118.9	118.6	118.4	105.6	105.2	105.1
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,159	1,146	1,199	1,045	1,030	1,083
Men's and boys' suits and coats	142.1	132.8	141.5	128.8	119.6	128.6
Men's and boys' furnishings and work clothing	263.8	269.1	270.5	248.0	251.3	252.4
Women's outerwear	330.1	312.9	342.2	296.1	279.1	308.3
Women's, children's under garments	104.5	108.5	107.2	94.9	98.4	97.5
Millinery	22.6	18.4	23.8	19.9	15.6	20.9
Children's outerwear	64.9	66.1	68.2	59.0	60.4	62.8
Fur goods and miscellaneous apparel	91.1	96.1	98.4	79.1	84.1	86.4
Other fabricated textile products	140.1	142.2	146.8	118.8	121.6	126.1
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	746	751	750	684	692	689
Logging camps and contractors	62.6	64.0	64.0	58.2	59.8	59.8
Sawmills and planing mills	435.1	441.3	444.0	403.8	412.4	413.8
Millwork, plywood, and prefabricated structural wood products	117.6	116.3	113.4	102.0	100.7	98.1
Wooden containers	73.6	72.9	72.2	68.2	67.3	66.8
Miscellaneous wood products	57.1	56.9	56.7	51.5	51.3	50.9
FURNITURE AND FIXTURES	332	326	327	289	283	284
Household furniture	237.1	232.4	231.2	211.3	206.6	205.6
Other furniture and fixtures	95.0	93.9	95.7	78.0	76.5	78.3

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 2: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

Industry group and industry	All employees			Production workers		
	1949			1949		
	December	November	October	December	November	October
PAPER AND ALLIED PRODUCTS	455	458	456	390	393	392
Pulp, paper, and paperboard mills	228.8	229.4	228.1	200.2	200.7	199.6
Paperboard containers and boxes	122.7	125.6	124.2	105.1	107.7	106.4
Other paper and allied products	103.0	102.9	103.8	84.9	84.8	85.8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	738	734	735	502	499	500
Newspapers	288.4	287.6	288.2	146.8	145.0	144.4
Periodicals	52.9	52.9	53.2	34.8	35.0	35.7
Books	45.4	45.7	45.5	35.9	36.5	36.5
Commercial printing	201.6	198.1	199.2	167.5	165.0	166.1
Lithographing	41.8	41.9	41.6	32.4	32.6	32.5
Other printing and publishing	107.8	108.1	107.7	85.0	85.3	85.0
CHEMICALS AND ALLIED PRODUCTS	661	661	655	484	485	488
Industrial inorganic chemicals	67.3	66.5	67.1	51.7	51.2	51.5
Industrial organic chemicals	187.9	187.0	185.6	143.7	142.9	141.4
Drugs and medicines	94.3	93.6	93.7	62.1	61.5	61.6
Paints, pigments, and fillers	67.5	67.7	67.9	43.6	43.8	43.9
Fertilizers	30.8	30.3	31.8	24.9	24.6	26.1
Vegetable and animal oils and fats	62.2	63.4	64.9	51.9	53.1	54.6
Other chemicals and allied products	151.2	152.6	153.6	106.0	108.2	109.2
PRODUCTS OF PETROLEUM AND COAL	243	244	241	185	187	185
Petroleum refining	195.9	197.3	197.6	145.7	147.5	148.4
Coke and byproducts	20.0	18.2	13.5	17.2	15.5	10.9
Other petroleum and coal products	27.1	28.9	30.1	22.3	24.0	25.3
RUBBER PRODUCTS	235	234	234	187	187	187
Tires and inner tubes	104.5	103.7	103.5	82.1	81.3	81.1
Rubber footwear	27.1	27.0	26.4	22.2	22.2	21.5
Other rubber products	102.9	103.0	104.1	83.0	83.2	84.4
LEATHER AND LEATHER PRODUCTS	385	373	390	344	332	349
Leather	49.5	49.7	49.4	45.0	45.2	44.9
Footwear (except rubber)	249.7	232.9	249.2	225.0	208.7	224.3
Other leather products	85.6	90.2	91.2	74.2	78.5	79.4

See explanatory notes, sections A-6, and the glossary for definitions.

TABLE 2: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

Industry group and industry	All employees			Production workers		
	1949			1949		
	December	November	October	December	November	October
STONE, CLAY, AND GLASS PRODUCTS	479	477	478	413	411	411
Glass and glass products	122.8	123.2	123.2	107.1	107.7	107.5
Cement, hydraulic	42.3	40.6	40.5	36.4	34.8	34.8
Structural clay products	77.7	76.6	78.2	70.7	69.7	71.0
Pottery and related products	57.1	57.6	57.2	51.8	52.2	51.7
Concrete, gypsum, and plaster products	84.9	86.2	86.5	73.2	74.1	74.6
Other stone, clay, glass products	94.2	93.1	92.0	73.7	72.6	71.1
PRIMARY METAL INDUSTRIES	1,114	887	703	953	737	559
Blast furnaces, steel works, and rolling mills	581.8	388.8	191.3	505.0	319.6	130.3
Iron and steel foundries	199.2	195.9	198.5	172.3	169.4	171.9
Primary smelting and refining of nonferrous metals	49.2	46.2	47.9	40.9	38.3	39.4
Rolling, drawing, and alloying of nonferrous metals	88.1	75.9	85.5	72.8	62.6	70.0
Nonferrous foundries	78.2	74.0	76.3	66.0	62.4	64.1
Other primary metal industries	117.0	105.3	103.5	96.0	85.0	83.5
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	841	820	829	688	666	677
Tin cans and other tinware	42.1	43.8	46.4	36.6	38.2	40.6
Cutlery, hand tools, and hardware	142.7	139.1	140.2	119.3	115.6	116.3
Heating apparatus (except electric) and plumbers' supplies	137.0	138.3	141.3	111.5	113.0	116.2
Fabricated structural metal products	186.4	179.3	173.0	142.4	133.8	129.0
Metal stamping, coating, and engraving	146.5	141.5	148.4	124.5	119.7	127.2
Other fabricated metal products	186.1	178.3	179.4	153.9	145.8	148.0
MACHINERY (EXCEPT ELECTRICAL)	1,232	1,209	1,223	931	908	922
Engines and turbines	65.9	66.4	64.5	48.0	48.4	46.7
Agricultural machinery and tractors	168.8	162.6	166.0	131.5	124.9	127.8
Construction and mining machinery	90.2	89.1	90.5	63.6	62.2	63.7
Metalworking machinery	196.4	195.4	197.9	146.5	146.0	148.0
Special-industry machinery (except metalworking machinery)	156.8	156.8	158.8	117.2	117.4	119.3
General industrial machinery	172.5	173.1	175.9	121.1	121.2	123.3
Office and store machines and devices	86.4	87.6	88.8	71.1	72.2	73.5
Service-industry and household machines	149.9	139.0	136.4	119.6	109.1	107.9
Miscellaneous machinery parts	144.6	138.8	143.7	112.2	106.8	112.2

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 2: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

Industry group and industry	All employees			Production workers		
	1949			1942		
	December	November	October	December	November	October
ELECTRICAL MACHINERY	762	750	753	556	546	548
Electrical generating, transmission, distribution, and industrial apparatus	294.4	289.5	289.7	206.1	202.4	202.8
Electrical equipment for vehicles	64.9	59.0	65.9	48.0	43.7	50.5
Communication equipment	275.7	275.6	270.1	200.4	200.4	193.4
Electrical appliances, lamps, and miscellaneous products	127.4	125.6	127.0	101.3	99.4	101.0
TRANSPORTATION EQUIPMENT	1,119	1,111	1,208	898	898	986
Automobiles	708.5	697.0	789.2	585.3	582.0	666.1
Aircraft and parts	253.2	252.1	255.4	184.9	183.6	187.9
Aircraft	167.9	166.6	168.8	123.4	122.2	125.4
Aircraft engines and parts	50.4	51.2	52.1	36.3	36.7	37.6
Aircraft propellers and parts	8.0	8.1	8.2	5.4	5.4	5.5
Other aircraft parts and equipment	26.9	26.2	26.3	19.8	19.3	19.4
Ship and boat building and repairing	83.2	85.5	82.7	69.4	71.5	68.5
Ship building and repairing	72.6	75.0	72.4	60.8	63.0	60.2
Railroad equipment	64.0	65.0	68.2	49.7	50.4	53.2
Other transportation equipment	9.7	11.6	12.0	8.2	10.1	10.5
INSTRUMENTS AND RELATED PRODUCTS	234	234	235	173	174	174
Ophthalmic goods	25.8	25.8	25.8	20.8	21.0	20.8
Photographic apparatus	48.8	49.2	49.7	35.2	35.3	35.8
Watches and clocks	31.3	31.9	32.2	26.5	27.2	27.6
Professional and scientific instruments	128.0	127.5	126.9	90.9	90.3	89.4
MISCELLANEOUS MANUFACTURING INDUSTRIES	438	456	457	363	381	383
Jewelry, silverware, and plated ware	56.6	57.4	57.2	45.7	46.8	46.8
Toys and sporting goods	67.8	76.5	76.9	58.6	67.3	67.8
Costume jewelry, buttons, notions	59.5	63.5	64.5	49.2	53.1	53.8
Other miscellaneous manufacturing industries	254.5	258.3	258.1	209.7	213.8	214.5

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 3: Indexes of Production-Worker Employment and Weekly Pay Rolls in
Manufacturing Industries

(1939 Average = 100)

Period	Production-worker employment index	Production-worker pay-roll index
<u>Annual average:</u>		
1939	100.0	100.0
1940	107.5	113.6
1941	152.8	164.9
1942	156.9	241.5
1943	183.3	331.1
1944	178.3	343.7
1945	157.0	293.5
1946	147.8	271.7
1947	156.2	326.9
1948	155.2	351.4
<u>1948</u>		
November	155.9	362.8
December	153.5	360.7
<u>1949</u>		
January	148.9	345.9
February	147.4	340.4
March	145.3	332.8
April	141.8	319.2
May	138.2	312.8
June	138.4	315.7
July	136.9	312.8
August	141.1	323.0
September	143.7	335.1
October	138.8	320.9
November	137.7	315.5
December	140.5	331.7

See explanatory notes, section D, and the glossary for definitions.

TABLE 4: Employees in Private and U. S. Navy Shipyards, by Region 1/

(In thousands)

Region	1949			1948	
	December	November	October	December	November
ALL REGIONS	142.8	145.8	146.0	201.6	202.7
PRIVATE	72.6	75.0	72.4	109.0	110.1
NAVY	70.2	70.8	73.6	92.6	92.6
NORTH ATLANTIC	68.2	71.4	73.1	94.1	97.1
Private	38.9	41.8	41.4	54.3	57.3
Navy	29.3	29.6	31.7	39.8	39.8
SOUTH ATLANTIC	22.9	23.4	24.3	31.6	31.5
Private	9.1	9.6	10.4	14.0	13.8
Navy	13.8	13.8	13.9	17.6	17.7
GULF:					
Private	11.0	11.0	9.3	17.8	18.0
PACIFIC	34.4	34.2	34.4	49.8	48.9
Private	7.3	6.8	6.4	14.6	13.8
Navy	27.1	27.4	28.0	35.2	35.1
GREAT LAKES:					
Private	2.8	2.5	2.6	4.2	3.0
INLAND:					
Private	3.5	3.3	2.3	4.1	4.2

1/ The North Atlantic region includes all yards bordering on the Atlantic in the following states: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

The South Atlantic region includes all yards bordering on the Atlantic in the following states: Georgia, Virginia, North Carolina, and South Carolina.

The Gulf region includes all yards bordering on the Gulf of Mexico in the following states: Alabama, Florida, Louisiana, Mississippi, and Texas.

The Pacific region includes all yards in California, Oregon, and Washington.

The Great Lakes region includes all yards bordering on the Great Lakes in the following states: Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

The Inland region includes all other yards.

TABLE 5: Federal Civilian Employment and Pay Rolls in All Areas and in Continental United States, and Total Civilian Government Employment and Pay Rolls in Washington, D. C. ^{1/}

(In thousands)

Area and branch	Employment (as of first of month)			Pay rolls (total for month)		
	1949			1949		
	December	November	October	December	November	October
<u>All Areas</u>						
TOTAL FEDERAL	2,274.6	1,999.7	2,047.3	\$641,017	\$567,296	\$539,248
Executive	2,262.8	1,988.1	2,035.8	636,237	562,539	534,992
Defense agencies	799.9	814.9	860.3	227,847	230,206	222,221
Post Office Department	^{2/} 790.3	497.8	496.1	208,453	131,577	125,164
Other agencies	672.6	675.4	679.4	199,937	200,756	187,607
Legislative	8.0	8.0	7.9	3,160	3,137	2,936
Judicial	3.8	3.6	3.6	1,620	1,620	1,320
<u>Continental United States</u>						
TOTAL FEDERAL	2,121.0	1,843.2	1,882.8	602,952	529,283	501,648
Executive	2,109.3	1,831.7	1,871.4	598,214	524,568	497,431
Defense agencies	688.6	700.4	738.2	201,653	203,434	195,446
Post Office Department	^{2/} 787.5	495.9	494.2	207,707	131,088	124,700
Other agencies	633.2	635.4	639.0	188,854	190,046	177,285
Legislative	8.0	8.0	7.9	3,160	3,137	2,936
Judicial	3.7	3.5	3.5	1,578	1,578	1,281
<u>Washington, D. C.</u>						
TOTAL GOVERNMENT	243.8	240.1	240.8	81,366	79,279	73,815
D. C. government	20.0	20.4	19.5	5,489	5,526	5,187
Federal	223.8	219.7	221.3	75,877	73,753	68,628
Executive	215.2	211.1	212.8	72,444	70,348	65,458
Defense agencies	65.9	66.1	68.1	22,253	21,577	20,137
Post Office Department	^{2/} 12.2	7.9	7.7	4,391	2,809	2,685
Other agencies	137.1	137.1	137.0	45,800	45,962	42,636
Legislative	8.0	8.0	7.9	3,160	3,137	2,936
Judicial	.6	.6	.6	273	268	234

See the glossary for definitions.

^{1/} Data for Central Intelligence Agency are excluded.

^{2/} Includes temporary employees necessitated by the Christmas season.

12.

TABLE 6: Personnel and Pay of the Military Branch of the Federal Government ^{1/}

(In thousands)

Designation	1949			1948	
	December	November	October	December	November
PERSONNEL (as of first of month)					
TOTAL	1,600	1,605	1,614	1,629	1,611
<u>By branch:</u>					
Army	658	657	656	662	647
Air Force	416	417	418	410	410
Navy	420	425	432	449	446
Marine Corps	82	83	84	87	87
Coast Guard	24	23	24	22	21
<u>By sex:</u>					
Men	1,580	1,585	1,595	1,615	1,597
Women	20	20	20	15	14
PAY (for entire month)					
TOTAL	\$333,542	\$328,637	\$331,512	\$294,061	\$298,271
<u>By branch:</u>					
Army	124,985	123,380	123,001	2/189,237	2/191,206
Air Force	92,455	88,346	89,342	2/	2/
Navy	93,935	96,381	98,239	85,598	88,418
Marine Corps	16,630	15,192	15,575	14,317	14,555
Coast Guard	5,536	5,338	5,355	4,891	4,792
<u>By type of pay:</u>					
Pay rolls	3/305,280	303,682	305,301	260,046	264,137
Mustering-out and leave pay	8,317	1,803	2,290	5,411	6,300
Family allowance	4/ 19,945	23,153	23,921	28,605	28,534

See the glossary for definitions.

^{1/} Because of rounding, the individual figures may not add to group totals.^{2/} Separate figures for Army and Air Force are not available. Combined data are shown under Army.^{3/} Includes Navy family allowance-not reported separately.^{4/} Does not include Navy family allowance (see note 3).

TABLE 7: Employees in Nonagricultural Establishments by Industry Division, by State
(In thousands)

State	Total			Mining			Contract construction		
	1949		1948	1949		1948	1949		1948
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
Alabama				25.8	17.8	31.6			
Arizona	154.6	152.2	159.1	12.4	12.6	13.9	9.2	9.9	11.8
Arkansas	289.0	285.0	301.7	6.6	6.7	7.9	14.4	15.7	16.4
California *	3,060.5	3,014.7	3,131.1	32.1	32.4	34.9	176.1	174.3	186.8
Colorado									
Connecticut	728.7	719.9	781.3	2/	2/	2/	2/ 30.8	2/ 32.8	2/ 33.9
Delaware *									
Dist. of Columbia									
Florida				6.2	6.2	5.4			
Georgia 1/	762.7	762.6	780.8	4.4	4.5	4.6	34.2	37.8	32.8
Idaho	126.5	126.3	126.1	5.4	4.2	5.8	9.0	9.3	7.7
Illinois *	N.A.	3,030.8	3,256.1	N.A.	45.9	48.9	106.0	117.4	113.2
Indiana	1,159.6	1,117.8	1,236.0	14.1	14.2	15.5	44.4	49.7	48.3
Iowa				2.7	2.8	3.5			
Kansas	454.3	453.8	459.9	17.0	17.3	17.9	24.7	29.3	28.1
Kentucky									
Louisiana 1/									
Maine	250.5	249.3	263.5	.6	.6	.6	9.4	10.2	10.4
Maryland *	680.3	678.3	722.9	2.6	2.6	3.4	47.5	50.7	54.2
Massachusetts *	1,671.5	1,639.4	1,762.7	3/	3/	3/	52.6	57.8	65.4
Michigan									
Minnesota	778.1	779.1	799.4	15.0	15.7	15.0	33.4	38.8	34.6
Mississippi 1/									
Missouri	1,120.2	1,109.1	1,157.1	9.4	9.4	10.6	39.3	43.1	42.8
Montana	147.2	148.9	147.7	9.5	9.5	10.6	8.8	10.4	8.9
Nebraska									
Nevada				2.4	2.4	3.5			
New Hampshire	163.0	162.2	167.5	.2	.2	.3	7.5	8.0	7.6
New Jersey *	1,511.2	1,489.6	1,585.9	3.5	3.5	4.1	63.4	67.2	72.6
New Mexico	134.4	135.2	133.0	9.1	10.5	12.5	15.8	16.1	13.0
New York	5,598.9	5,505.5	5,699.4	10.6	10.5	11.5	216.4	228.3	217.9
North Carolina									
North Dakota				.8	.8	.8			
Ohio									
Oklahoma 1/	464.3	461.2	476.3	44.0	43.7	44.2	24.5	26.8	25.9
Oregon									
Pennsylvania	3,474.2	3,357.0	3,736.8	202.9	200.2	204.8	135.7	150.7	153.4
Rhode Island	283.6	281.2	294.7	3/	3/	3/	10.4	11.2	12.5
South Carolina				1.2	1.2	1.1			
South Dakota				2.6	2.6	2.3			
Tennessee	726.4	713.6	750.9	13.8	13.5	14.9	47.2	49.8	48.7
Texas *	N.A.	N.A.	1,807.9	102.3	101.9	100.8	N.A.	N.A.	119.0
Utah	183.0	181.0	183.0	13.0	13.0	10.0	10.0	11.0	10.0
Vermont	94.7	94.1	98.0	1.0	1.0	1.1	4.1	4.6	4.3
Virginia									
Washington	642.9	645.4	680.9	3.4	3.6	3.4	33.8	38.3	46.1
West Virginia									
Wisconsin	963.9	957.5	1,005.6	3.4	3.0	3.6	37.7	41.2	39.6
Wyoming	80.7	82.4	79.0	10.3	10.3	10.7	5.0	6.5	7.4

See footnotes at end of table and explanatory notes, sections G and H.

TABLE 7: Employees in Nonagricultural Establishments by Industry Division, by State
(In thousands)

State	Manufacturing			Transp. & public utilities			Trade		
	1949		1948	1949		1948	1949		1948
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
Alabama	209.2	193.3	221.8						
Arizona	15.1	15.2	15.3	21.4	21.3	21.5	39.7	37.4	40.8
Arkansas	68.1	69.7	76.1	31.3	31.4	32.7	74.7	70.0	75.1
California	703.2	711.7	727.1	311.8	312.5	315.8	784.6	752.2	809.5
Colorado	54.5	55.0	54.8						
Connecticut	349.3	347.5	394.2	41.4	41.8	43.4	128.5	122.6	131.4
Delaware	42.3	41.4	44.8						
Dist. of Columbia	17.5	17.5	16.8						
Florida	93.1	88.0	99.2	67.2	66.0	69.7			
Georgia	266.9	268.9	274.3	65.0	65.4	70.9	172.7	169.7	178.8
Idaho	19.4	21.6	20.0	16.3	16.2	16.1	35.4	34.5	35.5
Illinois	N.A.	1,107.5	1,234.5	N.A.	282.3	306.7	N.A.	646.7	704.3
Indiana	502.0	473.2	557.6	99.6	96.9	105.4	245.0	234.4	255.1
Iowa	146.9	144.7	154.5	58.8	59.5	60.6			
Kansas	86.4	87.0	87.8	59.7	60.2	63.2	124.8	121.9	122.6
Kentucky	N.A.	121.1	132.1						
Louisiana	129.1	140.6	154.4						
Maine	100.1	101.1	109.9	18.3	18.5	19.4	51.3	48.9	52.1
Maryland	202.0	207.5	227.6	70.7	68.1	77.8	129.6	123.8	135.1
Massachusetts	647.4	642.6	715.5	135.1	135.4	138.4	345.6	326.1	364.6
Michigan	N.A.	905.4	1,062.9						
Minnesota	184.5	185.7	193.5	84.3	84.8	85.1	217.7	212.2	231.0
Mississippi	78.9	78.5	85.6						
Missouri	329.8	324.6	346.0	121.6	120.5	126.3	303.9	294.7	307.1
Montana	17.6	19.1	18.3	21.3	21.7	21.6	39.2	38.2	39.6
Nebraska	49.1	49.4	49.2						
Nevada	3.0	3.0	3.3	8.1	8.0	8.5	11.2	11.0	11.2
New Hampshire	74.4	74.0	78.9	10.3	10.3	11.2	29.0	28.1	29.0
New Jersey	654.1	651.9	724.7	136.9	133.2	143.2	264.1	251.2	263.7
New Mexico	9.9	10.4	8.9	14.2	14.5	15.1	34.1	32.7	32.9
New York	1,769.3	1,763.3	1,853.1	518.2	514.2	539.9	1,282.5	1,232.2	1,303.5
North Carolina	400.4	399.6	402.9						
North Dakota	5.8	6.0	6.1				37.3	36.9	37.7
Ohio	1,078.3	1,010.4	1,219.3						
Oklahoma	63.9	64.4	67.1	48.7	48.7	50.8	123.7	120.0	127.5
Oregon	136.1	141.9	137.1						
Pennsylvania	1,316.4	1,252.2	1,519.1	313.9	299.9	337.9	698.9	662.9	719.8
Rhode Island	135.1	136.3	142.9	16.3	16.5	17.4	54.9	51.6	54.6
South Carolina	200.8	200.5	208.1						
South Dakota	11.1	11.4	11.6	10.8	10.8	11.4	38.5	38.0	39.2
Tennessee	231.2	228.9	246.6	56.9	57.8	62.4	174.7	164.6	177.0
Texas	338.2	336.1	353.3	236.8	232.9	233.3	430.7	411.6	429.7
Utah	28.2	27.5	27.7	20.0	20.0	21.0	45.9	43.7	45.3
Vermont	33.4	33.7	36.3	9.3	9.4	10.1	18.2	17.5	17.8
Virginia	218.5	219.4	230.6						
Washington	161.2	165.5	169.1	62.7	63.9	65.3	158.9	154.4	170.5
West Virginia	N.A.	120.8	139.5						
Wisconsin	380.3	384.5	426.5	72.8	72.7	79.5	203.6	196.1	206.3
Wyoming	6.7	7.3	6.1	13.8	14.3	13.1	19.6	18.9	17.0

See footnotes at end of table and explanatory notes, sections G and H.

TABLE 7: Employees in Nonagricultural Establishments by Industry Division, by State
(In thousands)

State	Finance			Service			Government		
	1949		1948	1949		1948	1949		1948
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
Alabama							97.6	94.8	97.8
Arizona	4.6	4.5	4.4	19.3	19.4	19.3	32.9	31.9	32.1
Arkansas	7.4	7.4	7.2	34.8	34.6	34.4	51.7	49.5	51.9
California	143.4	143.4	143.6	374.6	376.6	372.4	534.7	511.6	541.0
Colorado									
Connecticut	36.5	36.4	36.1	73.9	74.1	74.7	68.3	64.7	67.7
Delaware									
Dist. of Columbia									
Florida	30.9	30.8	28.1				115.5	111.9	114.7
Georgia	24.0	23.9	23.3	77.7	78.4	80.4	117.8	114.0	115.7
Idaho	3.5	3.5	3.3	13.5	13.5	13.6	24.0	23.5	24.1
Illinois	N.A.	155.1	152.0	N.A.	353.3	356.3	N.A.	322.5	340.1
Indiana	33.1	33.1	33.3	88.8	89.6	91.0	132.7	126.8	129.9
Iowa							97.5	92.7	95.2
Kansas	15.2	15.3	14.7	46.7	46.7	47.1	79.8	76.1	78.5
Kentucky									
Louisiana									
Maine	6.7	6.7	6.8	23.9	24.2	23.0	40.2	39.1	41.4
Maryland	29.8	30.0	29.8	104.9	105.5	103.4	93.2	90.1	91.8
Massachusetts	76.2	76.8	76.7	3/199.4	3/198.9	3/192.1	215.2	201.7	208.0
Michigan									
Minnesota	34.9	34.9	33.6	94.7	95.4	94.9	113.8	111.6	111.7
Mississippi									
Missouri	50.6	50.6	51.1	129.7	130.3	129.6	145.9	135.9	143.6
Montana	3.7	3.7	3.6	19.2	19.3	17.7	27.9	27.0	27.4
Nebraska									
Nevada	1.1	1.1	1.0	10.6	10.8	10.7	10.2	10.2	9.9
New Hampshire	4.4	4.4	4.4	16.7	17.8	16.1	20.5	19.5	20.0
New Jersey	61.8	62.0	63.0	161.2	162.2	153.2	166.2	158.4	161.4
New Mexico	3.7	3.7	3.6	17.9	18.3	18.0	29.8	29.1	29.3
New York	382.8	382.9	380.5	709.7	714.1	707.5	709.4	659.8	685.5
North Carolina									
North Dakota	3.4	3.4	3.2				29.4	28.4	28.5
Ohio									
Oklahoma	16.3	16.5	16.2	50.3	51.3	51.9	92.9	89.8	92.7
Oregon									
Pennsylvania	114.3	114.0	112.5	343.6	344.5	341.7	348.6	332.6	347.5
Rhode Island	10.2	10.2	9.8	3/25.5	3/26.0	3/26.2	31.0	29.3	31.3
South Carolina							61.8	61.2	63.4
South Dakota	4.0	4.0	3.8	14.0	13.9	14.0	31.2	30.1	30.5
Tennessee	24.0	24.0	25.1	73.6	73.7	73.3	105.0	101.3	102.9
Texas	73.7	73.9	71.6	242.4	242.8	233.2	275.9	265.0	267.0
Utah	6.0	6.0	6.0	18.0	18.0	18.0	44.0	43.0	45.0
Vermont	2.8	2.8	2.7	11.0	10.7	10.5	15.0	14.5	15.1
Virginia									
Washington	23.5	23.6	23.7	74.0	75.0	76.4	125.5	121.3	126.5
West Virginia									
Wisconsin	36.1	36.1	33.2	105.9	106.3	96.8	124.0	117.6	120.1
Wyoming	1.5	1.5	1.6	9.1	9.4	8.9	14.7	14.2	14.4

See footnotes at end of table and explanatory notes, sections G and H.

TABLE 7: Employees in Nonagricultural Establishments, by Industry Division, by State
(cont'd.)

See explanatory notes, sections G and H.

- * The manufacturing series for these States are based on the 1942 Social Security Board Classification (others are on the 1945 Standard Industrial Classification).

1/ Revised series; not strictly comparable with previously published data.

2/ The mining series have been combined with the contract construction division.

3/ The mining series have been combined with the service division.

N.A. - Not available.

TABLE 8: Employees in Nonagricultural Establishments by Industry Division, Selected Areas

17.

(In thousands)

	Number of Employees				Number of Employees		
	1949		1948		1949		1948
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
ARIZONA				CONNECTICUT (cont'd.)			
<u>Phoenix (Maricopa County)</u>				<u>New Haven</u>			
Mining	.1	.1	1/	Cont. Const.	5.4	5.5	5.3
Manufacturing	9.0	9.0	1/	Manufacturing	38.9	39.1	43.4
Trans. & Pub. Ut. 2/	7.3	7.3	1/	Trans. & Pub. Ut.	13.1	13.2	13.6
Trade	20.5	19.6	1/	Trade	20.4	19.7	20.6
Finance	3.0	2.9	1/	Finance	4.6	4.5	4.6
Service	9.5	9.6	1/	Service	8.0	8.1	8.0
<u>Tucson (Pima County)</u>				<u>Waterbury</u>			
Mining	1.4	1.4	1/	Cont. Const.	1.7	1.7	1.9
Manufacturing	1.8	1.8	1/	Manufacturing	38.1	37.8	42.8
Trans. & Pub. Ut. 2/	2.0	2.0	1/	Trans. & Pub. Ut.	2.6	2.5	2.6
Trade	8.7	7.9	1/	Trade	9.1	8.9	9.3
Finance	.9	.9	1/	Finance	1.1	1.1	1.1
Service	4.9	5.0	1/	Service	2.3	2.3	2.3
ARKANSAS				MINNESOTA			
<u>Little Rock</u>				<u>Duluth</u>			
Manufacturing	10.8	10.8	1/	Total	39.3	38.8	42.9
Trans. & Pub. Ut. 2/	3.9	4.0	1/	Cont. Const.	1.9	2.0	1.9
Trade	17.9	17.0	1/	Manufacturing	10.7	10.3	13.2
Finance	3.3	3.2	1/	Trans. & Pub. Ut.	5.8	5.9	5.9
Service 3/	5.8	5.9	1/	Trade	10.6	10.2	11.4
CONNECTICUT				Finance	1.4	1.4	1.5
<u>Bridgeport</u>				Service	4.9	5.0	5.1
Cont. Const.	3.8	4.0	4.0	Government	4.1	4.1	4.0
Manufacturing	53.5	53.9	67.4	<u>Minneapolis</u>			
Trans. & Pub. Ut.	4.9	4.9	5.0	Total	251.7	247.7	260.9
Trade	17.6	17.3	18.5	Cont. Const.	12.7	13.7	13.2
Finance	2.0	2.1	2.1	Manufacturing	62.1	63.0	65.2
Service	5.3	5.4	5.5	Trans. & Pub. Ut.	25.4	25.2	26.2
<u>Hartford</u>				Trade	80.6	77.8	85.0
Cont. Const.	6.6	6.6	7.0	Finance	15.7	15.7	14.6
Manufacturing	58.0	57.5	65.4	Service	28.4	28.6	28.5
Trans. & Pub. Ut.	7.1	7.1	7.2	Government	26.7	24.0	28.1
Trade	39.4	37.4	38.5	<u>St. Paul</u>			
Finance	23.4	23.4	23.8	Total	139.1	138.1	144.4
Service	9.7	9.7	9.8	Cont. Const.	6.6	7.0	6.4
<u>New Britain</u>				Manufacturing	37.9	38.0	42.4
Cont. Const.	.9	.9	1.0	Trans. & Pub. Ut.	19.9	19.6	20.2
Manufacturing	22.5	22.0	27.3	Trade	36.5	35.5	37.8
Trans. & Pub. Ut.	.7	.6	.7	Finance	8.2	8.2	8.0
Trade	4.6	4.3	4.9	Service	13.9	14.0	14.1
Finance	.5	.5	.5	Government	16.1	15.9	15.5
Service	1.2	1.1	1.2	MISSOURI			
				<u>St. Louis</u>			
				Manufacturing	189.2	189.8	1/

See footnotes at end of table and explanatory notes, sections G, H, and I.

TABLE 8: Employees in Nonagricultural Establishments by Industry Division, Selected Areas
(In thousands)

	Number of Employees				Number of Employees		
	1949		1948		1949		1948
	Dec.	Nov.	Dec.		Dec.	Nov.	Dec.
NEW YORK				TENNESSEE (cont'd.)			
<u>Albany-Schenectady-Troy</u>				<u>Chattanooga (cont'd.)</u>			
Manufacturing	76.3	75.7	83.5	Manufacturing	37.0	37.3	37.1
				Trans. & Pub. Ut.	4.9	4.9	5.2
<u>Binghamton-Endicott-Johnson</u>				Trade	16.0	15.3	15.4
<u>City</u>				Finance	2.4	2.4	2.6
Manufacturing	35.5	35.4	38.3	Service	9.3	9.3	9.2
				Government	7.4	7.4	7.0
<u>Buffalo</u>				<u>Knoxville</u>			
Manufacturing	168.9	166.5	183.6	Total	66.9	65.1	76.1
<u>Elmira</u>				Mining	1.1	1.2	1.2
Manufacturing	12.8	13.4	13.3	Cent. Const.	2.8	2.8	3.1
<u>Kingston-Newburgh-</u>				Manufacturing	20.3	20.6	28.3
<u>Poughkeepsie</u>				Trans. & Pub. Ut.	6.5	6.6	6.9
Manufacturing	34.2	34.6	35.3	Trade	16.7	14.6	17.2
<u>Rochester</u>				Finance	1.8	1.8	1.8
Manufacturing	93.7	92.7	105.8	Service	8.2	8.1	7.9
				Government	9.6	9.6	9.9
<u>Syracuse</u>				<u>Memphis</u>			
Manufacturing	48.3	46.1	53.1	Total	152.2	150.9	154.1
<u>Utica-Rensselaer-</u>				Mining	.4	.4	.3
<u>Little Falls</u>				Cent. Const.	10.3	10.6	8.9
Manufacturing	43.9	44.1	47.1	Manufacturing	38.6	39.4	42.4
TENNESSEE				Trans. & Pub. Ut.	16.6	16.7	16.9
<u>Chattanooga</u>				Trade	46.1	43.5	45.8
Total	79.6	79.6	80.0	Finance	5.3	5.3	4.9
Mining	.1	.1	.3	Service	22.2	22.3	22.5
Cent. Const.	2.7	3.2	3.4	Government	12.9	12.9	12.5
				<u>Nashville</u>			
				Manufacturing	32.6	32.5	32.9

See explanatory notes, sections G, H, and I.

1/ Not available.

2/ Excludes interstate railroads.

3/ Includes mining and excludes professional services.

EXPLANATORY NOTES

Sec. A. Scope of the BLS Employment Series The Bureau of Labor Statistics publishes each month the number of employees in all nonagricultural establishments and in the 8 major industry divisions: mining, contract construction, manufacturing, transportation and public utilities, trade, finance, service, and government. Both all-employee and production-worker employment series are also presented for 21 major manufacturing groups, 108 separate manufacturing industries, and the durable and nondurable goods subdivisions. Within nonmanufacturing, total employment information is published for 34 series. Production-worker employment is also presented for most of the industry components of the mining division.

Hours and earnings information for manufacturing and selected nonmanufacturing industries are published monthly in the Hours and Earnings Industry Report and in the Monthly Labor Review.

Sec. B. Definition of Employment - For privately operated establishments in the nonagricultural industries the BLS employment information covers all full- and part-time employees who were on the pay roll, i.e., who worked during, or received pay for, the pay period ending nearest the 15th of the month. For Federal establishments the employment period relates to the pay period ending prior to the first of the month; in State and local governments, during the pay period ending on or just before the last of the month. Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the armed forces are excluded from the employment information.

Sec. C. Comparability With Other Employment Data - The Bureau of Labor Statistics employment series differ from the Monthly Report on the Labor Force in the following respects: (1) The BLS series are based on reports from cooperating establishments, while the MRLF is based on employment information obtained from household interviews; (2) persons who worked in more than one establishment during the reporting period would be counted more than once in the BLS series, but not in the MRLF; (3) the BLS information covers all full- and part-time wage and salary workers in private nonagricultural establishments who worked during, or received pay for, the pay period ending nearest the 15th of the month; in Federal establishments during the pay period ending just before the first of the month; and in State and local government during the pay period ending on or just before the last of the month, while the MRLF series relates to the calendar week which contains the 8th day of the month; (4) proprietors, self-employed persons, domestic servants, and unpaid family workers are excluded from the BLS but not the MRLF series.

Sec. D. Methodology - Changes in the level of employment are based on reports from a sample group of establishments, inasmuch as full coverage is prohibitively costly and time-consuming. In using a sample, it is essential that a complete count or "bench mark" be established from which the series may be carried forward. Briefly, the BLS computes employment data as follows: first, a bench mark or level of employment is determined; second, a sample of establishments is selected; and third,

changes in employment indicated by this reporting sample are applied to the bench mark to determine the monthly employment between bench-mark periods. For example, if the latest complete data on employment for an industry were 40,200 in September, and if the industry has a reporting sample of 67 establishments employing 23,200 workers in September and 23,800 in October, the October figure would be prepared as follows:

$$40,200 \times \frac{23,800}{23,200} = 41,200$$

When a new bench mark becomes available, employment data prepared since the last bench mark are reviewed to determine if any adjustment of level is required. In general, the month-to-month changes in employment reflect the fluctuations shown by establishments reporting to the BLS, while the level of employment is determined by the bench mark.

The pay-roll index is obtained by dividing the total weekly pay roll for a given month by the average weekly pay roll in 1939. Aggregate weekly pay rolls for all manufacturing industries combined are derived by multiplying gross average weekly earnings by production-worker employment.

Sec. E. Sources of Sample Data - Approximately 120,000 cooperating establishments furnish monthly employment and pay-roll schedules, by mail, to the Bureau of Labor Statistics. In addition, the Bureau makes use of data collected by the Interstate Commerce Commission, the Civil Service Commission and the Bureau of the Census.

APPROXIMATE COVERAGE OF MONTHLY SAMPLE USED IN
BLS EMPLOYMENT AND PAY-ROLL STATISTICS

Division or industry	Number of establishments	Employees	
		Number in sample	Percent of total
Mining	2,700	460,000	47
Contract construction	15,000	450,000	23
Manufacturing	35,200	8,845,000	62
Transportation and public utilities:			
Interstate railroads (ICC)	--	1,359,000	98
Rest of division (BLS)	10,500	1,056,000	41
Trade	46,300	1,379,000	15
Finance	6,000	281,000	16
Service:			
Hotels	1,200	115,000	25
Laundries and cleaning and dyeing plants	1,700	86,000	17
Government:			
Federal (Civil Service Commission)	--	1,885,000	100
State and local (Bureau of Census--quarterly)	--	2,400,000	62

Sec. F. Sources of Bench-Mark Data - Reports from Unemployment Insurance Agencies presenting (1) employment in firms liable for contributions to State unemployment compensation funds, and (2) tabulations from the Bureau of Old-Age and Survivors Insurance on employment in firms exempt from State unemployment insurance laws because of their small size comprise the basic sources of bench-mark data for nonfarm employment. Most of the employment data in this report have been adjusted to levels indicated by these sources for 1947. Special bench marks are used for industries not covered by the Social Security program. Bench marks for State and local government are based on data compiled by the Bureau of the Census, while information on Federal Government employment is made available by the U. S. Civil Service Commission. The Interstate Commerce Commission is the source for railroads.

Bench marks for production-worker employment are not available on a regular basis. The production-worker series are, therefore, derived by applying to all-employee bench marks the ratio of production-worker employment to total employment, as determined from the Bureau's industry samples.

Sec. G. Industrial Classification - In the BLS employment and hours and earnings series, reporting establishments are classified into significant economic groups on the basis of major postwar product or activity as determined from annual sales data. The following references present the industry classification structures currently used in the employment statistics program.

- (1) For manufacturing industries - Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Bureau of the Budget, November 1945;
- (2) For nonmanufacturing industries - Industrial Classification Code, Federal Security Agency, Social Security Board, 1942.

Sec. H. State Employment - State data are collected and prepared in cooperation with various State Agencies as indicated below. The series have been adjusted to recent data made available by State Unemployment Insurance Agencies and the Bureau of Old-Age and Survivors Insurance. Since some States have adjusted to more recent bench marks than others, and because varying methods of computation are used, the total of the State series differs from the national total. A number of States also make available more detailed industry data and information for earlier periods which may be secured directly upon request to the appropriate State Agency.

The following publications are available upon request from the BLS Regional Offices or the Bureau's Washington Office:

Nonagricultural Employment, by State, 1943-1947; 1948.

Employment in Manufacturing Industries, by State, 1943-1946; 1947; 1948.

COOPERATING STATE AGENCIES

Alabama - Dept. of Industrial Relations, Montgomery 5.
Arizona - Unemployment Compensation Div., Employment Security Commission, Phoenix.
Arkansas - Employment Security Div., Dept. of Labor, Little Rock.
California - Div. of Labor Statistics and Research, Dept. of Industrial Relations, San Francisco 1.
Colorado - Dept. of Employment Security, Denver 2.
Connecticut - Employment Security Div., Dept. of Labor and Factory Inspection, Hartford 5.
Delaware - Federal Reserve Bank of Philadelphia, Philadelphia 1, Pa.
District of Columbia - U. S. Employment Service for D. C., Washington 25.
Florida - Unemployment Compensation Div., Industrial Commission, Tallahassee.
Georgia - Employment Security Agency, Dept. of Labor, Atlanta 3.
Idaho - Employment Security Agency, Boise.
Illinois - Div. of Placement and Unemployment Compensation, Dept. of Labor, Chicago 54.
Indiana - Employment Security Div., Indianapolis 9.
Iowa - Employment Security Commission, Des Moines 9.
Kansas - Employment Security Div., Topeka.
Kentucky - Bureau of Employment Security, Dept. of Economic Security, Frankfort.
Louisiana - Div. of Employment Security, Dept. of Labor, Baton Rouge 4.
Maine - Employment Security Commission, Augusta.
Maryland - Employment Security Board, Dept. of Employment Security, Baltimore 1.
Massachusetts - Div. of Statistics, Dept. of Labor and Industries, Boston 10.
Michigan - Unemployment Compensation Commission, Detroit 2.
Minnesota - Div. of Employment and Security, St. Paul 1.
Mississippi - Employment Security Commission, Jackson.
Missouri - Div. of Employment Security, Dept. of Labor and Industrial Relations, Jefferson City.
Montana - Unemployment Compensation Commission, Helena.
Nebraska - Div. of Employment Security, Dept. of Labor, Lincoln 1.
Nevada - Employment Security Dept., Carson City.
New Hampshire - Employment Service and Unemployment Compensation Div., Concord.
New Jersey - Dept. of Labor and Industry, Trenton 8.
New Mexico - Employment Security Commission, Albuquerque.
New York - Research and Statistics, Div. of Placement and Unemployment Insurance, Dept. of Labor, New York 17.
North Carolina - Dept. of Labor, Raleigh.
North Dakota - Unemployment Compensation Division, Bismarck.

Ohio - Bureau of Unemployment Compensation, Columbus 16.
 Oklahoma - Employment Security Commission, Oklahoma City 2.
 Oregon - Unemployment Compensation Commission, Salem.
 Pennsylvania - Federal Reserve Bank of Philadelphia, Philadelphia 1
 (mfg.); Bureau of Research and Information, Dept. of
 Labor and Industry, Harrisburg (nonmfg.).
 Rhode Island - Dept. of Labor, Providence 2.
 South Carolina - Employment Security Commission, Columbia 10.
 South Dakota - Employment Security Dept., Aberdeen.
 Tennessee - Dept. of Employment Security, Nashville 3.
 Texas - Employment Commission, Austin 19.
 Utah - Dept. of Employment Security, Industrial Commission,
 Salt Lake City 13.
 Vermont - Unemployment Compensation Commission, Montpelier.
 Virginia - Div. of Research and Statistics, Dept. of Labor and Industry,
 Richmond.
 Washington - Employment Security Dept., Olympia.
 West Virginia - Dept. of Employment Security, Charleston.
 Wisconsin - Industrial Commission, Madison 3.
 Wyoming - Employment Security Commission, Casper.

Sec. I. Area Employment - Figures on area employment are prepared by cooperating State agencies. The methods of adjusting to bench marks and of making computations used to prepare State employment are also applied in preparing area information. Hence, the appropriate qualifications should also be observed. For a number of areas, data in greater industry detail and for earlier periods can be obtained by writing directly to the appropriate State agency.

GLOSSARY

All Employees or Wage and Salary Workers - In addition to production and related workers as defined elsewhere, includes workers engaged in the following activities: executive, purchasing, finance, accounting, legal, personnel (including cafeterias, medical, etc.), professional and technical activities, sales, sales-delivery, advertising, credit collection, and in installation and servicing of own products, routine office functions, factory supervision (above the working foremen level). Also includes employees on the establishment pay roll engaged in new construction and major additions or alterations to the plant who are utilized as a separate work force (force-account construction workers).

Continental United States - Covers only the 48 States and the District of Columbia.

Contract Construction - Covers only firms engaged in the construction business on a contract basis for others. Force-account construction workers, i.e., hired directly by and on the pay rolls of Federal, State, and local government, public utilities, and private establishments, are excluded from contract construction and included in the employment for such establishments.

Defense Agencies - Covers civilian employees of the National Military Establishment, Maritime Commission, National Advisory Committee for Aeronautics, The Panama Canal, Philippine Alien Property Administration, Philippine War Damage Commission, Selective Service System, War Assets Administration, Office of Defense Transportation, National Security Resources Board, National Security Council.

Durable Goods - The durable goods subdivision includes the following major groups: ordnance and accessories; lumber and wood products (except furniture); furniture and fixtures; stone, clay, and glass products; primary metal industries; fabricated metal products (except ordnance, machinery, and transportation equipment); machinery (except electrical); electrical machinery; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Federal Government - Executive Branch - Includes Government corporations (including Federal Reserve Banks and mixed-ownership banks of the Farm Credit Administration) and other activities performed by Government personnel in establishments such as navy yards, arsenals, hospitals, and on force-account construction. Data, which are based mainly on reports to the Civil Service Commission, are adjusted to maintain continuity of coverage and definition with information for former periods.

Finance - Covers establishments operating in the fields of finance, insurance, and real estate; excludes the Federal Reserve Banks and the mixed ownership banks of the Farm Credit Administration which are included under Government.

Government - Covers Federal, State, and local governmental establishments performing legislative, executive, and judicial functions, as well as all government-operated establishments and institutions (arsenals, navy yards, hospitals, etc.), government corporations, and government force-account construction. Fourth-class postmasters are excluded from table 1, because they presumably have other major jobs; they are included, however, in table 5.

Indexes of Manufacturing Production-Worker Employment - Number of production workers expressed as a percentage of the average employment in 1939.

Indexes of Manufacturing Production-Worker Weekly Pay Rolls - Production-worker weekly pay rolls expressed as a percentage of the average weekly pay roll for 1939.

Manufacturing - Covers only privately operated establishments; governmental manufacturing operations such as arsenals and navy yards are excluded from manufacturing and included with government.

Military Personnel - Represents persons on active duty as of the first of the month. Reserve personnel are excluded if on inactive duty or if on active duty for a brief training or emergency period.

Military Pay Rolls - Pay rolls represent obligations based on personnel count, plus terminal leave payments to currently discharged personnel. Leave payments to former or active personnel are included under mustering-out and leave payments. Cash payments for clothing-allowance balances are included under pay rolls in January, April, July, and October for Navy, Marine Corps, and Coast Guard, and at time of discharge for Army and Air Force. Family allowances represent Government's contribution.

Mining - Covers establishments engaged in the extraction from the earth of organic and inorganic minerals which occur in nature as solids, liquids, or gases; includes various contract services required in mining operations, such as removal of overburden, tunnelling and shafting, and the drilling or acidizing of oil wells; also includes ore dressing, beneficiating, and concentration.

Nondurable Goods The nondurable goods subdivision includes the following major groups: food and kindred products; tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and leather and leather products.

Pay Rolls - Private pay rolls represent weekly pay rolls of both full- and part-time production and related workers who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month, before deductions for old-age and unemployment insurance, group insurance, withholding tax, bonds, and union dues; also, includes pay for sick leave, holidays, and vacations taken. Excludes cash payments for vacations not taken, retroactive pay not earned during period reported, value of payments in kind, and bonuses, unless earned and paid regularly each pay period. Federal civilian pay rolls cover the working days in the calendar month.

Production and Related Workers - Includes working foremen and all nonsupervisory workers (including lead men and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and record-keeping and other services closely associated with the above production operations.

Service - Covers establishments primarily engaged in rendering services to individuals and business firms, including automobile repair services. Excludes all government-operated services such as hospitals, museums, etc., and all domestic service employees.

Trade - Covers establishments engaged in wholesale trade, i.e., selling merchandise to retailers, and in retail trade, i.e., selling merchandise for personal or household consumption, and rendering services incidental to the sales of goods.

Transportation and Public Utilities - Covers only privately-owned and operated enterprises engaged in providing all types of transportation and related services; telephone, telegraph, and other communication services; or providing electricity, gas, steam, water, or sanitary service. Government operated establishments are included under government.

Washington, D. C. - Data for the executive branch of the Federal Government also include areas in Maryland and Virginia which are within the metropolitan area, as defined by the Bureau of the Census.