

EMPLOYMENT and pay rolls

**DETAILED REPORT
OCTOBER 1949**

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

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With this issue of the Employment and Pay Rolls Detailed Report, the Bureau resumes publication of information on the employment of women in manufacturing industries, discontinued in May 1947. The new series appear in Table 8 on page 17.

This information will be published regularly for one month of each quarter. Table 8 refers to employment in September 1949. Similar data for December 1949 will appear in the March 1950 issue of this Report.

The data currently published are not comparable with the old series released in the discontinued publication Women in Factories and in the 1947 edition of the Handbook of Labor Statistics. The current series relate to all women wage and salary employees, while the old data covered production workers only. In addition, the recently issued revisions of all employment series has resulted in a change in the definitions of industries and has made obsolete the levels of employment previously shown. (See previous issues of this Report.)

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EMPLOYMENT AND PAY ROLLS

Detailed Report

October 1949

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Data for the 2 most recent months
shown are subject to revision
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Explanatory notes outlining briefly
the concepts, methodology, and sources
used in preparing data presented in
this report appear in the appendix.
See pages i - vii.

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

(In thousands)

Industry division and group	1949			1948	
	October	September	August	October	September
TOTAL	42,607	43,464	42,994	44,915	44,946
MINING	593	948	956	1,000	1,007
Metal mining	64.1	91.8	93.8	99.4	96.3
Anthracite	76.2	75.6	75.7	79.4	80.5
Bituminous-coal	101.0	422.0	424.7	457.8	461.1
Crude petroleum and natural gas production	256.1	260.3	262.9	261.6	264.9
Nonmetallic mining and quarrying	95.6	98.4	99.1	101.8	103.7
CONTRACT CONSTRUCTION	2,310	2,341	2,340	2,334	2,369
MANUFACTURING	13,903	14,312	14,114	15,514	15,617
DURABLE GOODS	7,006	7,416	7,302	8,393	8,360
Ordnance and accessories	22.6	22.7	22.6	28.1	27.9
Lumber and wood products (except furniture)	751	744	747	830	843
Furniture and fixtures	327	320	305	348	345
Stone, clay, and glass products	477	482	480	526	523
Primary metal industries	715	1,099	1,092	1,262	1,256
Fabricated metal products (except ordnance, machinery, and transportation equipment)	837	863	843	985	984
Machinery (except electrical)	1,222	1,237	1,229	1,522	1,525
Electrical machinery	755	736	712	858	853
Transportation equipment	1,206	1,240	1,224	1,287	1,267
Instruments and related products	235	233	230	263	262
Miscellaneous manufacturing industries	458	439	417	484	474
NONDURABLE GOODS	6,897	6,896	6,812	7,121	7,257
Food and kindred products	1,627	1,700	1,718	1,654	1,787
Tobacco manufactures	99	101	98	107	106
Textile-mill products	1,255	1,218	1,179	1,336	1,348
Apparel and other finished textile products	1,197	1,197	1,155	1,187	1,186
Paper and allied products	455	448	436	477	474
Printing, publishing, and allied industries	733	724	719	735	725
Chemicals and allied products	666	655	636	714	707
Products of petroleum and coal	241	247	247	243	255
Rubber products	234	211	227	257	257
Leather and leather products	390	395	397	411	412

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	
	October	September	August	October	September
TRANSPORTATION AND PUBLIC UTILITIES	3,873	3,959	3,992	4,188	4,189
Transportation	2,665	2,739	2,760	2,963	2,957
Interstate railroads	1,258	1,339	1,375	1,534	1,539
Class I railroads	1,090	1,166	1,202	1,345	1,350
Local railways and bus lines	156	157	157	162	163
Trucking and warehousing	568	555	539	580	564
Other transportation and services	683	688	689	687	691
Communication	669	676	685	700	703
Telephone	618.5	624.7	632.9	640.2	642.7
Telegraph	49.4	50.1	51.6	58.9	59.3
Other public utilities	539	544	547	525	529
Gas and electric utilities	513.8	518.7	521.4	501.6	505.5
Local utilities	24.7	24.9	25.3	23.4	23.7
TRADE	9,503	9,409	9,213	9,654	9,522
Wholesale trade	2,549	2,538	2,515	2,601	2,581
Retail trade	6,954	6,871	6,698	7,053	6,941
General merchandise stores	1,487	1,428	1,337	1,523	1,432
Food and liquor stores	1,202	1,191	1,181	1,196	1,181
Automotive and accessories dealers	696	692	688	648	646
Apparel and accessories stores	556	546	486	599	568
Other retail trade	3,013	3,014	3,006	3,087	3,114
FINANCE	1,767	1,770	1,780	1,720	1,725
Banks and trust companies	415	417	422	407	408
Security dealers and exchanges	54.9	55.0	55.4	57.3	58.2
Insurance carriers and agents	626	626	628	597	599
Other finance agencies and real estate	671	672	675	659	660
SERVICE	4,792	4,832	4,836	4,811	4,849
Hotels and lodging places	450	474	504	464	489
Laundries	350.1	355.8	358.0	354.7	357.7
Cleaning and dyeing plants	147.2	146.8	144.2	150.2	148.4
Motion pictures	238	236	238	238	238
GOVERNMENT	5,866	5,893	5,763	5,694	5,668
Federal	1,863	1,892	1,900	1,848	1,848
State and local	4,003	4,001	3,863	3,846	3,820

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		
	October	September	August	October	September	August
MINING	593	948	956	--	--	--
METAL MINING	64.1	91.8	93.8	53.4	80.9	82.8
Iron mining	8.6	35.6	36.0	5.4	32.2	32.6
Copper mining	21.2	21.1	21.1	18.8	18.6	18.6
Lead and zinc mining	17.0	18.0	19.0	14.6	15.6	16.5
ANTHRACITE	76.2	75.6	75.7	71.6	71.1	71.2
BITUMINOUS-COAL	101.0	422.0	424.7	78.4	395.9	399.7
CRUDE PETROLEUM AND NATURAL GAS PRODUCTION	256.1	260.3	262.9	--	--	--
Petroleum and natural gas production	--	--	--	126.2	128.7	131.6
NONMETALLIC MINING AND QUARRYING	95.6	98.4	99.1	83.0	85.6	86.0
MANUFACTURING	13,903	14,312	14,114	11,382	11,770	11,561
DURABLE GOODS	7,006	7,416	7,302	5,676	6,062	5,947
NONDURABLE GOODS	6,897	6,896	6,812	5,706	5,708	5,614
ORDNANCE AND ACCESSORIES	22.6	22.7	22.6	18.1	18.2	18.2
FOOD AND KINDRED PRODUCTS	1,627	1,700	1,718	1,268	1,337	1,350
Meat products	293.4	287.0	285.9	235.9	229.9	228.5
Dairy products	142.3	149.8	156.5	103.9	110.4	116.3
Canning and preserving	256.2	349.9	369.8	229.8	319.4	339.1
Grain-mill products	127.0	124.0	122.5	100.9	98.2	96.9
Bakery products	290.6	288.7	288.0	198.2	195.7	194.1
Sugar	48.4	30.7	29.9	43.6	26.7	25.7
Confectionery and related products	113.3	105.2	92.5	98.8	91.1	78.7
Beverages	214.0	221.6	232.6	148.7	157.4	164.7
Miscellaneous food products	142.2	142.7	140.2	108.5	107.7	105.8
TOBACCO MANUFACTURES	99	101	98	92	94	91
Cigarettes	26.9	27.0	26.9	24.4	24.5	24.4
Cigars	45.8	45.2	44.3	43.8	43.1	42.3
Tobacco and snuff	13.1	13.1	13.1	11.7	11.6	11.7
Tobacco stemming and redrying	13.0	16.1	14.1	11.9	14.9	12.9

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		
	October	September	August	October	September	August
TEXTILE-MILL PRODUCTS	1,255	1,218	1,179	1,168	1,131	1,092
Yarn and thread mills	153.2	148.3	141.4	144.3	139.3	133.0
Broad-woven fabric mills	594.8	576.7	559.8	564.5	546.7	530.1
Knitting mills	244.6	236.9	228.7	226.5	219.2	210.8
Dyeing and finishing textiles	86.9	85.1	82.6	77.6	75.5	73.2
Carpets, rugs, other floor coverings	57.7	55.8	55.3	49.9	48.1	47.5
Other textile-mill products	118.2	115.5	111.0	104.9	102.5	97.7
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,197	1,197	1,155	1,079	1,079	1,040
Men's and boys' suits and coats	141.7	145.9	143.5	128.6	132.9	130.6
Men's and boys' furnishings and work clothing	268.8	264.2	253.1	250.8	245.9	235.4
Women's outerwear	343.5	353.4	341.1	307.1	317.4	306.3
Women's, children's under garments	106.7	103.7	98.2	97.0	93.7	88.6
Millinery	23.8	24.0	23.1	20.8	21.2	20.3
Children's outerwear	68.4	67.9	67.3	63.0	62.4	61.9
Fur goods and miscellaneous apparel	98.2	95.5	91.1	86.4	83.8	79.3
Other fabricated textile products	146.3	142.3	137.9	125.4	121.7	117.8
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	751	744	747	691	685	686
Logging camps and contractors	63.6	59.1	62.3	59.9	55.3	58.6
Sawmills and planing mills	444.0	445.9	444.8	414.7	416.4	414.5
Millwork, plywood, and prefabricated structural wood products	114.4	110.4	109.4	98.8	95.7	94.6
Wooden containers	72.1	71.8	72.0	66.8	66.4	66.6
Miscellaneous wood products	56.8	56.7	58.1	50.9	51.0	52.1
FURNITURE AND FIXTURES	327	320	305	284	277	263
Household furniture	231.2	224.4	212.3	205.8	199.0	187.0
Other furniture and fixtures	96.0	95.5	92.5	78.4	77.8	75.8

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		
	October	September	August	October	September	August
PAPER AND ALLIED PRODUCTS	455	448	436	391	384	371
Pulp, paper, and paperboard mills	227.4	225.7	219.5	199.4	197.1	190.5
Paperboard containers and boxes	124.2	119.4	114.9	106.5	101.9	97.4
Other paper and allied products	103.8	102.9	101.2	85.5	84.5	83.4
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	733	724	719	498	493	486
Newspapers	289.6	285.8	285.2	144.5	143.8	141.4
Periodicals	53.2	53.3	52.7	35.7	35.8	35.6
Books	41.6	41.5	41.5	33.9	33.8	33.9
Commercial printing	199.5	196.0	193.1	166.6	162.9	160.7
Lithographing	41.4	40.7	40.2	32.4	31.8	31.2
Other printing and publishing	107.9	107.1	106.3	84.9	84.4	83.5
CHEMICALS AND ALLIED PRODUCTS	666	655	636	488	478	458
Industrial inorganic chemicals	67.5	66.0	65.7	51.6	50.0	49.8
Industrial organic chemicals	185.8	184.7	180.3	141.4	139.8	135.2
Drugs and medicines	94.1	93.1	92.0	61.6	60.7	60.1
Paints, pigments, and fillers	67.9	66.1	65.8	44.0	42.3	41.8
Fertilizers	31.8	32.3	30.4	26.0	26.6	24.7
Vegetable and animal oils and fats	65.0	58.9	48.7	54.6	49.2	38.5
Other chemicals and allied products	153.9	153.7	153.0	109.1	109.0	108.0
PRODUCTS OF PETROLEUM AND COAL	241	247	247	185	190	190
Petroleum refining	197.6	198.9	200.2	148.4	149.2	149.9
Coke and byproducts	13.2	19.3	19.5	10.8	16.8	17.0
Other petroleum and coal products	30.4	28.4	27.7	25.3	23.5	22.9
RUBBER PRODUCTS	234	211	227	187	168	180
Tires and inner tubes	103.3	82.4	103.5	81.0	64.2	80.9
Rubber footwear	26.4	25.9	25.2	21.5	21.1	20.3
Other rubber products	104.6	102.7	98.3	84.6	82.7	78.6
LEATHER AND LEATHER PRODUCTS	390	395	397	350	354	356
Leather	49.4	49.2	48.3	44.9	44.6	43.8
Footwear (except rubber)	249.2	255.5	259.4	224.3	230.2	234.2
Other leather products	91.2	90.5	89.2	80.4	79.0	77.5

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		
	October	September	August	October	September	August
STONE, CLAY, AND GLASS PRODUCTS	477	482	480	410	413	412
Glass and glass products	123.0	122.5	122.2	107.4	106.7	106.6
Cement, hydraulic	40.3	42.3	42.5	34.5	36.5	36.7
Structural clay products	78.2	79.3	79.5	71.0	72.1	72.1
Pottery and related products	57.1	55.7	54.9	51.5	50.3	49.7
Concrete, gypsum, and plaster products	86.6	87.1	85.8	74.5	74.9	73.5
Other stone, clay, glass products	92.2	94.6	94.9	70.9	72.8	72.9
PRIMARY METAL INDUSTRIES	715	1,099	1,092	574	940	932
Blast furnaces, steel works, and rolling mills	199.2	574.0	572.0	141.2	499.9	497.6
Iron and steel foundries	198.3	200.6	205.5	171.6	173.7	177.3
Primary smelting and refining of nonferrous metals	47.5	51.0	50.3	39.1	41.8	41.4
Rolling, drawing, and alloying of nonferrous metals	85.4	83.0	79.9	69.8	67.2	63.8
Nonferrous foundries	76.4	74.0	71.1	64.1	62.0	59.5
Other primary metal industries	108.1	115.9	113.1	88.1	95.1	92.4
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	837	863	843	684	708	688
Tin cans and other tinware	46.2	48.9	49.4	40.5	43.2	43.6
Cutlery, hand tools, and hardware	140.2	137.1	135.2	116.2	113.6	111.4
Heating apparatus (except electric) and plumbers' supplies	141.6	134.7	124.5	116.0	109.3	99.7
Fabricated structural metal products	181.4	201.9	201.8	136.6	155.7	155.4
Metal stamping, coating, and engraving	148.7	152.2	146.6	127.3	129.8	124.9
Other fabricated metal products	178.9	188.5	185.1	147.8	156.1	152.5
MACHINERY (EXCEPT ELECTRICAL)	1,222	1,237	1,229	923	935	927
Engines and turbines	64.5	67.6	66.9	46.7	49.3	49.0
Agricultural machinery and tractors	166.1	178.9	179.4	127.9	139.9	140.4
Construction and mining machinery	90.5	88.6	91.1	63.7	62.2	64.2
Metalworking machinery	197.8	199.4	197.4	147.8	149.1	146.9
Special industry machinery (except metalworking machinery)	158.9	162.0	161.8	119.4	121.8	122.6
General industrial machinery	175.0	177.6	177.9	123.2	124.8	124.5
Office and store machines and devices	88.8	88.6	86.8	73.6	73.4	71.7
Service-industry and household machines	136.7	130.6	126.0	108.3	102.0	98.3
Miscellaneous machinery parts	143.5	143.3	141.3	112.2	112.1	109.8

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		
	October	September	August	October	September	August
ELECTRICAL MACHINERY	755	736	712	549	531	507
Electrical generating, transmission, distribution, and industrial apparatus	288.9	286.4	281.9	202.5	200.8	196.5
Electrical equipment for vehicles	65.9	65.4	63.4	50.5	49.6	47.0
Communication equipment	271.1	258.0	250.2	194.7	182.4	173.4
Electrical appliances, lamps, and miscellaneous products	128.9	125.9	116.5	101.3	98.2	90.1
TRANSPORTATION EQUIPMENT	1,206	1,240	1,224	986	1,017	998
Automobiles	787.1	810.1	807.0	665.1	686.2	678.0
Aircraft and parts	255.7	258.3	252.2	187.9	190.6	185.3
Aircraft	169.3	171.2	171.7	125.6	127.6	128.6
Aircraft engines and parts	52.3	52.4	46.2	37.8	37.9	31.9
Aircraft propellers and parts	8.2	8.2	8.0	5.5	5.5	5.2
Other aircraft parts and equipment	25.9	26.5	26.3	19.0	19.6	19.6
Ship and boat building and repairing	83.0	88.7	94.6	68.6	74.0	79.5
Ship building and repairing	72.7	78.0	83.3	60.3	65.4	70.4
Railroad equipment	68.4	71.2	59.3	53.4	56.2	46.5
Other transportation equipment	12.0	11.4	10.5	10.5	9.9	8.8
INSTRUMENTS AND RELATED PRODUCTS	235	233	230	174	172	169
Ophthalmic goods	25.8	26.0	26.2	20.8	21.0	21.1
Photographic apparatus	49.7	49.5	50.1	35.8	35.3	36.0
Watches and clocks	32.2	31.7	30.6	27.6	27.1	26.0
Professional and scientific instruments	127.1	125.8	123.3	89.5	88.3	86.3
MISCELLANEOUS MANUFACTURING INDUSTRIES	458	439	417	383	366	347
Jewelry, silverware, and plated ware	57.4	54.9	52.5	46.8	44.6	42.2
Toys and sporting goods	77.3	72.3	70.3	67.9	63.3	61.3
Costume jewelry, buttons, notions	64.2	62.9	58.1	53.5	52.2	48.5
Other miscellaneous manufacturing industries	258.6	248.5	236.4	214.7	205.5	194.5

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	132.8	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	271.1
1947	156.2	326.9
1948	155.2	351.4
<u>1948</u>		
October	157.6	366.7
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	335.0
October	138.9	321.3

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	
	October	September	August	October	September
ALL REGIONS	146.3	158.9	166.7	205.4	204.8
PRIVATE	72.7	78.0	83.3	113.3	113.0
NAVY	73.6	80.9	83.4	92.1	91.8
NORTH ATLANTIC	73.3	79.5	84.0	98.7	99.7
Private	41.6	43.4	47.1	59.1	60.4
Navy	31.7	36.1	36.9	39.6	39.3
SOUTH ATLANTIC	24.3	26.7	27.7	31.4	31.5
Private	10.4	10.7	11.6	13.8	14.0
Navy	13.9	16.0	16.1	17.6	17.5
GULF:					
Private	9.4	11.4	11.8	17.6	17.5
PACIFIC	34.6	36.7	38.1	51.0	49.7
Private	6.6	7.9	7.7	16.1	14.7
Navy	28.0	28.8	30.4	34.9	35.0
GREAT LAKES:					
Private	2.5	2.3	2.4	2.5	2.3
INLAND:					
Private	2.2	2.3	2.7	4.2	4.1

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		
	October	September	August	October	September	August
<u>All Areas</u>						
TOTAL FEDERAL	2,047.3	2,081.6	2,094.9	\$521,864	\$552,251	\$574,046
Executive	2,035.8	2,070.3	2,083.4	517,533	547,826	569,536
Defense agencies	860.3	886.9	902.4	204,390	225,280	239,178
Post Office Department	496.1	494.1	491.4	125,507	125,064	125,794
Other agencies	679.4	689.3	689.6	187,636	197,482	204,564
Legislative	7.9	7.9	7.9	2,936	2,968	3,005
Judicial	3.6	3.6	3.6	1,395	1,457	1,505
<u>Continental United States</u>						
TOTAL FEDERAL	1,882.8	1,912.2	1,920.3	486,453	513,805	532,977
Executive	1,871.4	1,900.8	1,908.9	482,161	509,421	528,509
Defense agencies	738.2	760.1	770.0	179,428	197,981	209,583
Post Office Department	494.2	492.2	489.6	125,041	124,596	125,321
Other agencies	639.0	648.5	649.3	177,692	186,844	193,605
Legislative	7.9	7.9	7.9	2,936	2,968	3,005
Judicial	3.5	3.5	3.5	1,356	1,416	1,462
<u>Washington, D. C.</u>						
TOTAL GOVERNMENT	240.8	242.4	244.7	73,057	76,744	80,173
D. C. government	19.5	19.4	19.7	5,170	5,379	4,385
Federal	221.3	223.0	225.0	67,887	71,365	75,988
Executive	212.8	214.5	216.5	64,725	68,161	72,733
Defense agencies	68.1	69.5	71.2	19,220	20,679	23,851
Post Office Department	7.7	7.8	7.8	2,753	2,737	2,760
Other agencies	137.0	137.2	137.5	42,752	44,745	46,122
Legislative	7.9	7.9	7.9	2,936	2,968	3,005
Judicial	.6	.6	.6	226	236	250

See the glossary for definitions.

1/ Data for Central Intelligence Agency are excluded.

12.

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

(In thousands)

Designation	1949			1948	
	October	September	August	October	September
PERSONNEL (as of first of month)					
Total	1,614	1,629	1,638	1,586	1,549
<u>By branch:</u>					
Army	656	656	655	636	609
Air Force	418	420	423	406	401
Navy	432	444	451	438	432
Marine Corps	84	86	86	86	87
Coast Guard	24	24	24	21	21
<u>By sex:</u>					
Men	1,595	1,610	1,620	1,573	1,536
Women	20	19	18	13	13
PAY (for entire month)					
Total	\$331,524	\$304,426	\$298,893	\$294,843	\$292,040
<u>By branch:</u>					
Army	123,001	116,312	112,192	^{2/} 183,593	^{2/} 184,162
Air Force	89,342	73,679	78,881	^{2/}	^{2/}
Navy	98,239	88,911	87,722	91,927	88,556
Marine Corps	15,587	15,221	15,011	14,667	14,610
Coast Guard	5,355	5,303	5,087	4,657	4,713
<u>By type of pay:</u>					
Pay rolls	305,301	272,386	266,772	259,175	251,398
Mustering-out and leave pay	2,302	2,492	3,139	7,416	12,527
Family allowance	23,921	29,547	28,982	28,253	28,115

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.

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

State	Total		Mining				Contract construction		
	1949		1948	1949		1948	1949		1948
	October	September	October	October	September	October	October	September	October
Alabama <u>1/</u>				7.2	27.5	32.0			
Arizona	150.4	149.0	155.1	12.6	12.7	13.6	10.1	10.2	12.8
Arkansas <u>1/</u>	285.0	276.8	297.2	5.6	6.5	8.2	15.3	16.7	16.1
California *	3,051.3	3,068.2	3,129.1	32.0	33.7	34.1	178.1	191.5	194.9
Colorado									
Connecticut	717.4	708.7	780.1	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u> 34.2	<u>2/</u> 33.2	<u>2/</u> 35.9
Delaware *									
Dist. of Col.									
Florida				N.A.	5.4	5.1			
Georgia	727.5	723.9	753.4	3.9	3.9	4.2	38.5	37.9	36.2
Idaho	127.0	125.8	129.8	3.5	3.7	5.5	10.4	10.2	8.9
Illinois *	N.A.	3,069.9	3,227.7	N.A.	46.2	48.0	N.A.	122.6	122.1
Indiana <u>1/</u>	1,112.2	1,187.9	1,230.8	6.6	14.3	15.9	52.4	57.3	53.8
Iowa <u>1/</u>				2.7	2.9	3.6			
Kansas <u>1/</u>	451.4	451.1	452.5	17.1	17.5	17.6	31.1	30.7	30.3
Kentucky									
Louisiana									
Maine <u>1/</u>	258.1	263.7	267.1	.6	.6	.7	10.2	10.4	12.7
Maryland *	663.0	690.1	719.0	1.3	2.7	3.5	52.4	50.4	57.0
Massachusetts *	1,639.5	1,641.9	1,734.7	2.5	2.6	2.2	55.1	57.2	67.4
Michigan									
Minnesota <u>1/</u>	770.0	786.2	810.0	3.9	17.1	16.3	41.6	40.5	42.7
Mississippi									
Missouri <u>1/</u>	1,109.2	1,109.5	1,153.0	9.6	9.5	10.6	44.4	42.8	49.3
Montana <u>1/</u>	N.A.	153.1	149.6	N.A.	9.4	10.2	N.A.	11.4	10.7
Nebraska									
Nevada				2.5	2.6	3.5			
New Hampshire	N.A.	157.5	162.3	N.A.	.3	.2	N.A.	8.3	8.2
New Jersey *	1,499.0	1,501.2	1,594.5	3.4	4.3	4.2	66.4	64.3	74.0
New Mexico	135.3	135.4	131.2	10.3	10.2	12.2	16.1	16.0	13.0
New York	5,537.1	5,553.3	5,661.1	10.6	11.3	11.8	234.0	234.3	233.8
North Carolina									
North Dakota									
Ohio									
Oklahoma	460.6	461.2	472.2	42.7	43.5	44.8	27.1	27.2	27.9
Oregon									
Pennsylvania <u>1/</u>	3,214.1	3,488.2	3,704.5	100.3	194.5	204.9	158.7	158.4	166.6
Rhode Island <u>1/</u>	282.5	278.3	296.0	.2	.2	.2	11.6	11.6	13.3
South Carolina									
South Dakota <u>1/</u>				2.5	2.5	2.2			
Tennessee	716.9	720.6	753.7	9.2	12.3	15.2	51.2	54.0	52.2
Texas *			1,767.5	102.1	102.9	100.7			119.8
Utah <u>1/</u>	192.0	193.0	190.0	12.0	12.0	14.0	13.0	13.0	12.0
Vermont	96.0	95.6	99.1	1.0	1.0	1.1	5.3	5.4	5.4
Virginia				N.A.	N.A.	N.A.			
Washington <u>1/</u>	659.2	671.8	697.0	3.6	3.4	3.5	41.8	44.7	53.1
West Virginia									
Wisconsin	967.4	979.9	1,003.1	2.4	3.8	3.6	42.9	43.0	43.3
Wyoming <u>1/</u>	83.1	85.0	85.2	9.8	9.9	10.8	7.8	8.0	9.8

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.
(In thousands)

State	Manufacturing		Transportation and public utilities				Trade		
	1949		1948	1949		1948	1949		1948
	October	September	October	October	September	October	October	September	October
Alabama	184.9	206.8	226.6						
Arizona	14.7	14.3	14.8	20.6	20.5	21.2	37.2	30.3	38.3
Arkansas	69.6	68.5	79.4	30.6	23.9	32.5	69.6	68.9	70.5
California	737.6	754.9	769.2	312.2	312.7	308.9	745.5	727.4	788.9
Colorado	56.9	54.8	60.2						
Connecticut	344.0	335.6	400.6	42.1	41.9	43.7	121.2	120.9	123.5
Delaware	42.1	45.2	46.3						
Dist. of Col.	17.4	17.3	16.8						
Florida	N.A.	90.3	90.7	N.A.	62.7	N.A.			
Georgia	263.4	260.4	279.9	64.2	64.4	69.5	134.6	163.2	171.5
Idaho	22.4	21.7	24.3	16.1	16.4	16.3	33.9	32.5	34.2
Illinois	N.A.	1,125.3	1,243.3	N.A.	268.0	311.8	N.A.	643.2	673.2
Indiana	475.7	534.2	567.0	97.1	102.2	107.4	230.0	228.7	239.2
Iowa	145.8	143.6	153.1	59.9	60.0	62.1			
Kansas	87.4	87.5	88.3	57.6	57.4	63.2	119.4	118.6	116.8
Kentucky	129.6	128.3	137.5						
Louisiana	N.A.	N.A.	153.6						
Maine	108.1	111.4	113.3	18.6	19.1	19.5	49.0	49.3	50.0
Maryland	192.0	214.6	235.4	67.3	72.5	77.2	122.3	121.3	125.7
Massachusetts	647.3	645.2	727.9	135.6	135.5	137.0	321.1	321.5	337.3
Michigan	977.3	1,009.3	1,087.1						
Minnesota	185.0	189.7	198.5	86.9	85.5	90.9	210.7	209.0	221.7
Mississippi	75.6	82.7	91.3						
Missouri	331.7	336.0	353.4	111.5	112.4	126.1	291.8	287.1	296.4
Montana	N.A.	20.1	20.1	N.A.	22.5	22.6	N.A.	38.5	38.3
Nebraska	46.4	44.9	50.1						
Nevada	3.0	3.1	3.4	8.0	7.9	8.5	11.0	11.4	11.1
New Hampshire	N.A.	73.6	81.2	N.A.	11.1	12.0	N.A.	26.5	26.0
New Jersey	657.7	652.7	747.8	134.1	137.1	140.8	250.3	250.9	251.2
New Mexico	10.6	10.5	9.5	14.4	14.4	14.9	32.3	32.8	31.6
New York	1,794.2	1,801.4	1,896.9	516.4	522.9	541.9	1,214.3	1,208.1	1,228.8
North Carolina	399.2	394.4	415.8						
North Dakota	6.4	6.5	6.7						
Ohio	993.1	1,082.7	1,241.0						
Oklahoma	60.2	60.0	67.9	48.4	48.1	50.3	115.6	115.4	117.0
Oregon	153.0	158.6	155.0						
Pennsylvania	1,197.8	1,340.6	1,528.5	299.5	328.3	339.7	658.5	657.3	678.8
Rhode Island	135.8	131.8	146.3	16.8	16.8	17.9	50.9	50.2	51.7
South Carolina	195.1	193.5	206.6						
South Dakota	11.4	11.4	11.6	11.0	11.1	11.6	38.3	38.3	38.0
Tennessee	237.0	232.6	258.0	57.7	58.3	62.6	162.4	162.6	165.7
Texas	338.7	339.8	352.8	228.5	231.6	227.6	405.4	404.2	403.1
Utah	33.0	33.0	32.0	22.0	22.0	21.0	43.0	43.0	43.0
Vermont	33.7	33.0	36.9	9.7	9.7	10.4	17.8	17.8	17.0
Virginia	N.A.	206.1	218.4						
Washington	167.9	173.7	188.7	65.1	65.9	64.0	157.0	156.3	165.2
West Virginia	113.0	126.6	142.1						
Wisconsin	392.1	404.1	431.8	73.2	74.3	79.8	194.0	191.6	196.7
Wyoming	7.7	6.6	7.2	14.0	14.1	15.4	18.3	19.1	16.9

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
(In thousands)

State	Finance			Service			Government		
	1949		1948	1949		1948	1949		1948
	October	September	October	October	September	October	October	September	October
Alabama							95.9	96.1	94.4
Arizona	4.5	4.6	4.4	18.7	18.3	18.6	32.0	32.1	31.4
Arkansas	7.2	7.3	7.2	34.7	34.5	34.1	50.4	50.5	49.2
California	143.4	143.7	142.2	378.9	376.5	376.6	523.6	527.8	514.3
Colorado									
Connecticut	36.4	36.6	35.9	74.6	75.5	75.4	64.9	65.0	65.1
Delaware									
Dist. of Col.									
Florida									
Georgia	23.7	23.8	23.1	59.7	60.2	62.0	109.5	110.1	107.0
Idaho	3.5	3.4	3.3	13.5	13.5	13.9	23.7	24.4	23.4
Illinois	N.A.	158.8	151.6	N.A.	358.1	356.4	N.A.	327.9	321.4
Indiana	33.1	33.6	33.4	90.0	90.2	91.0	127.2	127.4	123.1
Iowa							93.3	93.1	90.8
Kansas	15.4	15.7	14.8	46.7	46.9	47.4	76.7	76.8	74.1
Kentucky									
Louisiana									
Maine	6.6	6.6	6.7	25.1	26.3	24.4	39.9	40.0	39.8
Maryland	29.8	30.2	28.7	105.7	105.3	101.0	92.2	93.1	89.5
Massachusetts	76.6	76.6	76.2	196.9	197.6	193.5	204.4	205.7	193.2
Michigan									
Minnesota	34.8	35.2	33.5	96.0	95.9	97.1	111.1	109.4	109.3
Mississippi									
Missouri	51.1	51.7	51.7	131.5	131.9	131.5	137.6	138.1	134.0
Montana	N.A.	3.7	3.6	N.A.	20.1	17.8	N.A.	27.4	26.3
Nebraska									
Nevada	1.1	1.1	1.0	11.4	12.0	10.7	10.4	10.6	9.6
New Hampshire	N.A.	4.4	4.2	N.A.	13.5	11.0	N.A.	19.8	19.5
New Jersey	62.4	62.6	63.4	164.2	163.3	156.0	160.5	161.0	157.1
New Mexico	3.7	3.7	3.6	18.5	18.4	18.4	29.4	29.5	28.2
New York	382.3	381.9	380.5	717.1	722.0	715.1	668.2	671.4	652.5
North Carolina									
North Dakota									
Ohio									
Oklahoma	17.8	17.8	18.0	57.7	57.6	57.9	91.1	91.6	88.4
Oregon									
Pennsylvania	114.7	115.1	112.5	346.7	354.3	343.5	337.9	339.7	330.0
Rhode Island	10.1	10.2	9.6	27.0	27.2	27.0	29.9	30.3	30.0
South Carolina									
South Dakota	4.0	4.0	3.7	13.9	13.8	14.2	30.3	30.4	29.5
Tennessee	24.1	24.2	25.6	73.9	74.9	74.0	101.4	101.7	100.4
Texas	73.7	73.0	71.9	245.7	243.1	234.0	269.0	270.4	257.6
Utah	6.0	6.0	5.0	19.0	19.0	19.0	44.0	45.0	44.0
Vermont	2.8	2.8	2.7	11.0	11.3	10.9	14.7	14.7	14.7
Virginia									
Washington	23.7	24.0	24.0	75.9	78.5	77.8	124.3	125.5	120.8
West Virginia									
Wisconsin	36.2	36.4	33.3	107.9	108.1	98.4	118.7	118.8	116.3
Wyoming	1.5	1.5	1.6	9.6	11.3	9.1	14.4	14.5	14.2

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

16.

TABLE 7: Employees in Nonagricultural Establishments, by Industry Division, by State-- Cont'd.
(In thousands)

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.

N.A. - Not available.

TABLE 8: Employment of Women in Manufacturing Establishments-September 1949

Industry group and industry	All employees	Women	
		Number	Percent of total
MANUFACTURING	(In thousands) 14,312	(In thousands) 3,810.2	27
DURABLE GOODS	7,416	1,195.3	16
NONDURABLE GOODS	6,896	2,614.9	38
ORDNANCE AND ACCESSORIES	22.7	4.1	18
FOOD AND KINDRED PRODUCTS	1,700	466.2	27
Meat products	287.0	58.3	20
Dairy products	149.8	31.2	21
Canning and preserving	349.9	165.1	47
Grain-mill products	124.0	21.4	17
Bakery products	288.7	69.9	24
Sugar	30.7	3.1	10
Confectionery and related products	105.2	57.8	55
Beverages	221.6	21.3	10
Miscellaneous food products	142.7	38.1	27
TOBACCO MANUFACTURES	101	61.4	61
Cigarettes	27.0	11.8	44
Cigars	45.2	35.0	78
Tobacco and snuff	13.1	6.1	47
Tobacco stemming and redrying	16.1	8.5	53
TEXTILE-MILL PRODUCTS	1,218	523.1	43
Yarn and thread mills	148.3	70.0	47
Broad-woven fabric mills	576.7	225.5	39
Knitting mills	236.9	154.5	65
Dyeing and finishing textiles	85.1	19.6	23
Carpets, rugs, other floor coverings	55.8	13.5	24
Other textile-mill products	115.5	40.0	35
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1,197	891.8	75
Men's and boys' suits and coats	145.9	87.5	60
Men's and boys' furnishings and work clothing	264.2	220.3	83
Women's outerwear	353.4	261.5	74
Women's, children's under garments	103.7	90.8	88
Millinery	24.0	15.9	66
Children's outerwear	67.9	56.5	83
Fur goods and miscellaneous apparel	95.5	67.9	71
Other fabricated textile products	142.3	91.4	64

TABLE 8: Employment of Women in Manufacturing Establishments-September 1949 (Continued)

Industry group and industry	All employees (In thousands)	Women	
		Number (In thousands)	Percent of total
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)	744	51.9	7
Logging camps and contractors	59.1	1.2	2
Sawmills and planing mills	445.9	19.2	4
Millwork, plywood, and prefabricated structural wood products	110.4	8.5	8
Wooden containers	71.8	11.7	16
Miscellaneous wood products	56.7	11.3	20
FURNITURE AND FIXTURES	320	51.9	16
Household furniture	224.4	35.2	16
Other furniture and fixtures	95.5	16.7	18
PAPER AND ALLIED PRODUCTS	448	108.0	24
Pulp, paper, and paperboard mills	225.7	25.5	11
Paperboard containers and boxes	119.4	39.9	33
Other paper and allied products	102.9	42.6	41
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	724	192.1	27
Newspapers	285.8	50.0	18
Periodicals	53.3	18.4	35
Books	41.5	18.2	44
Commercial printing	196.0	51.1	26
Lithographing	40.7	11.6	28
Other printing and publishing	107.1	42.8	40
CHEMICALS AND ALLIED PRODUCTS	655	121.4	19
Industrial inorganic chemicals	66.0	4.7	7
Industrial organic chemicals	184.7	29.6	16
Drugs and medicines	93.1	36.3	39
Paints, pigments, and fillers	66.1	9.9	15
Fertilizers	32.3	1.4	4
Vegetable and animal oils and fats	58.9	2.8	5
Other chemicals and allied products	153.7	36.7	24
PRODUCTS OF PETROLEUM AND COAL	247	11.5	5
Petroleum refining	198.9	9.0	5
Coke and byproducts	19.3	.3	1
Other petroleum and coal products	28.4	2.2	8

TABLE 8: Employment of Women in Manufacturing Establishments-September 1949 (Continued)

Industry group and industry	All employees	Women	
		Number	Percent of total
	(In thousands)	(In thousands)	
RUBBER PRODUCTS	211	56.7	27
Tires and inner tubes	82.4	14.2	17
Rubber footwear	25.9	12.4	48
Other rubber products	102.7	30.1	29
LEATHER AND LEATHER PRODUCTS	395	182.7	46
Leather	49.2	5.9	12
Footwear (except rubber)	255.5	131.6	52
Other leather products	90.5	45.2	50
STONE, CLAY, AND GLASS PRODUCTS	482	77.1	16
Glass and glass products	122.5	31.0	25
Cement, hydraulic	42.3	1.1	3
Structural clay products	79.3	7.6	10
Pottery and related products	55.7	19.5	35
Concrete, gypsum, and plaster products	87.1	4.1	5
Other stone, clay, glass products	94.6	13.8	15
PRIMARY METAL INDUSTRIES	1,099	57.1	5
Blast furnaces, steel works, and rolling mills	574.0	18.4	3
Iron and steel foundries	200.6	9.2	5
Primary smelting and refining of nonferrous metals	51.0	1.5	3
Rolling, drawing, and alloying of nonferrous metals	83.0	9.8	12
Nonferrous foundries	74.0	9.5	13
Other primary metal industries	115.9	8.7	8
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)	863	154.8	18
Tin cans and other tinware	48.9	13.0	27
Cutlery, hand tools, and hardware	137.1	37.3	27
Heating apparatus (except electric) and plumbers' supplies	134.7	14.3	11
Fabricated structural metal products	201.9	13.9	7
Metal stamping, coating, and engraving	152.2	33.3	22
Other fabricated metal products	188.5	43.0	23

TABLE 8: Employment of Women in Manufacturing Establishments-September 1949 (Continued)

Industry group and industry	All employees (In thousands)	Women	
		Number (In thousands)	Percent of total
MACHINERY (EXCEPT ELECTRICAL)	1,237	162.8	13
Engines and turbines	67.6	7.9	12
Agricultural machinery and tractors	178.9	15.6	9
Construction and mining machinery	88.6	8.2	9
Metalworking machinery	199.4	22.5	11
Special-industry machinery (except metalworking machinery)	162.0	17.5	11
General industrial machinery	177.6	24.3	14
Office and store machines and devices	88.6	22.4	25
Service-industry and household machines	130.6	19.2	15
Miscellaneous machinery parts	143.3	25.2	18
ELECTRICAL MACHINERY	736	251.4	34
Electrical generating, transmission, distribution, and industrial apparatus	286.4	75.6	26
Electrical equipment for vehicles	65.4	19.4	30
Communication equipment	258.0	113.8	44
Electrical appliances, lamps, and miscellaneous products	125.9	42.6	34
TRANSPORTATION EQUIPMENT	1,240	128.1	10
Automobiles	810.1	86.7	11
Aircraft and parts	258.3	32.3	13
Ship and boat building and repairing	88.7	3.0	3
Railroad equipment	71.2	4.2	6
Other transportation equipment	11.4	1.9	17
INSTRUMENTS AND RELATED PRODUCTS	233	78.5	34
Ophthalmic goods	26.0	9.9	38
Photographic apparatus	49.5	13.5	27
Watches and clocks	31.7	16.7	53
Professional and scientific instruments	125.8	38.4	31
MISCELLANEOUS MANUFACTURING INDUSTRIES	439	177.6	41
Jewelry, silverware, and plated ware	54.9	20.8	38
Toys and sporting goods	72.3	32.5	45
Costume jewelry, buttons, notions	62.9	35.8	57
Other miscellaneous manufacturing industries	248.5	88.5	36

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	93
Rest of division (FLS)	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 3.
Colorado - Dept. of Employment Security, Denver 2.
Connecticut - Employment Security Div., Dept. of Labor and Factory Inspection, Hartford 15.
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, Industrial Accident Board, Boise.
Illinois - Div. of Placement and Unemployment Compensation, Dept. of Labor, Chicago 54.
Indiana - Research and Statistics Section, Employment Security Div., Indianapolis 12.
Iowa - Employment Security Commission, Des Moines 9.
Kansas - Employment Security Div., State Labor Dept., 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, Dept. of Social 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., Bureau of Labor, 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 14.
 Washington - Employment Security Dept., Olympia.
 West Virginia - Dept. of Employment Security, Charleston 5.
 Wisconsin - Industrial Commission, Madison 3.
 Wyoming - Employment Security Commission, Casper.

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.