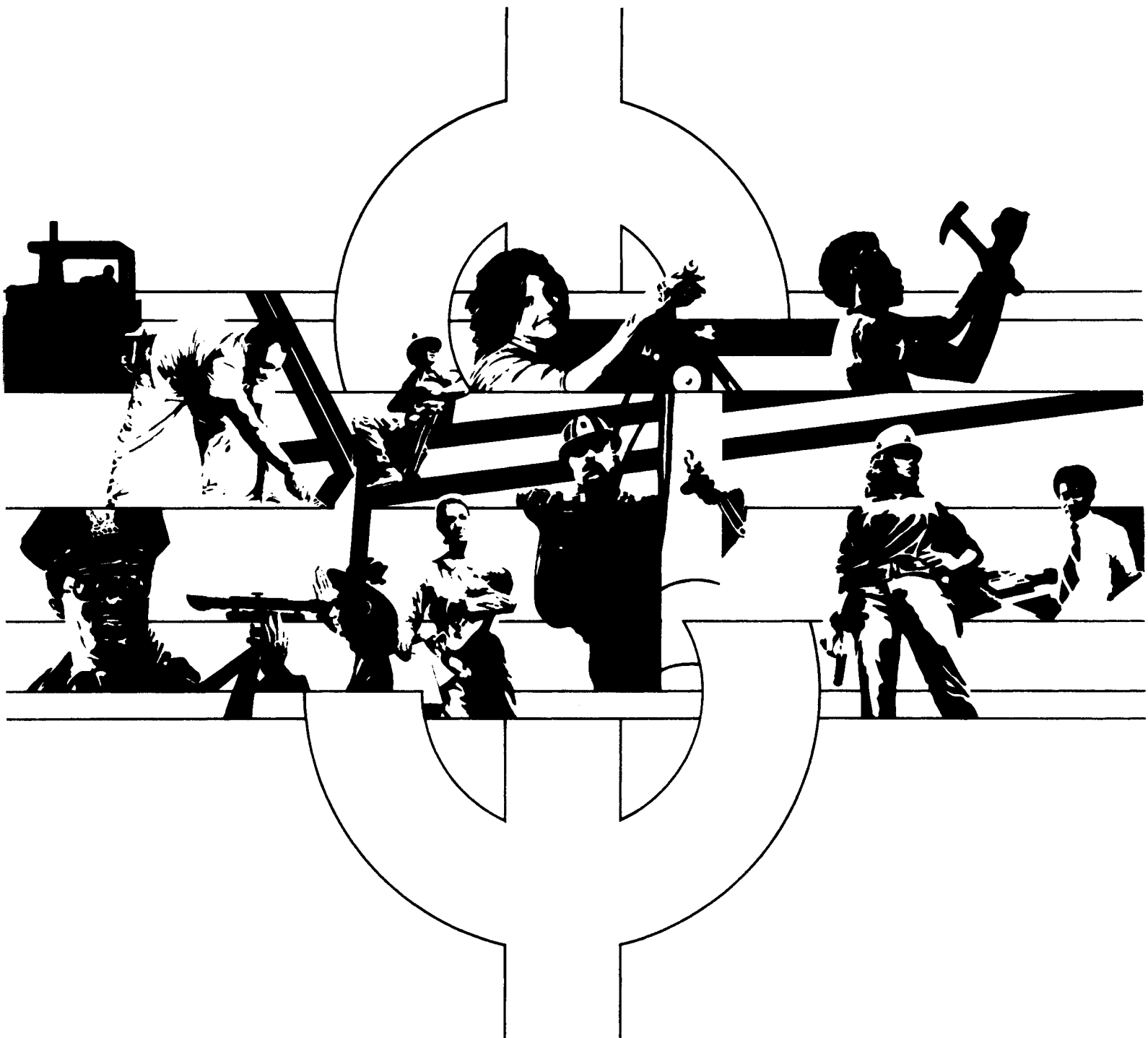


# Employment and Earnings

## April 1982



U.S. Department of Labor  
Bureau of Labor Statistics





**U.S. DEPARTMENT OF LABOR**  
Raymond J. Donovan, Secretary

**BUREAU OF LABOR STATISTICS**  
Janet L. Norwood, Commissioner

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## Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below:

### Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

### Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	July <sup>1</sup>
Revised historical national data adjusted to new benchmarks	Supplement <sup>2</sup>
Revised seasonally adjusted series	July <sup>1</sup>
State and area annual averages	May
Area definitions	May

### State and area unemployment data

Annual averages	May <sup>4</sup>
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<sup>1</sup> The issue that introduces new benchmark varies. The July 1981 issue introduced March 1980 benchmark.

<sup>2</sup> Month of publication of annual supplement varies. The latest supplement was published in August 1981.

<sup>3</sup> Issue varies. Latest revised data introduced July 1981.

<sup>4</sup> These data first introduced in the May 1981 issue.

# Employment and Earnings

Vol. 29 No. 4 April 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

## Editors' note

Beginning with this issue, spendable earnings data and labor turnover data will no longer be published in *Employment and Earnings*. The real (constant dollar) earnings series will continue to be published in tables C-4 and C-8.

Final December 1981 and 1981 annual average data for the spendable earnings and labor turnover series were published in the March issue in tables C-4 and D-1 through D-3. State and area labor turnover data were discontinued with November 1981 preliminary data in the February issue.

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# Employment and Unemployment Developments, March 1982

The overall employment situation continued to show weakness in March. The Nation's unemployment rate rose from 8.8 to 9.0 percent, equaling the rate of May 1975.

Nonfarm payroll employment—as derived from the monthly survey of establishments—declined by 220,000 over the month to 90.8 million. Payroll jobs have declined by 1.2 million since reaching a high of 92.0 million last September. At 99.5 million, total employment—as derived from the monthly survey of households—was little different from the levels of the prior 3 months but well below the pre-recession peak of last summer.

## Unemployment

The Nation's unemployment rate was 9.0 percent in March, up 0.2 percentage point over the month and 1.8 points since the July 1981 pre-recession low. The number of jobless persons rose 280,000 over the month to 9.9 million, 2 million above last July's level.

The March rise in unemployment occurred among adult men and women, whose jobless rates were once again identical at 7.9 percent. The rate for men equaled last December's high, while that for women was still somewhat below 1975 levels. The increase in unemployment affected both white (7.9 percent) and black (18.0 percent) workers, whereas the incidence of joblessness among Hispanics and teenage workers was about unchanged at 12.7 and 21.9 percent, respectively. (See tables A-33 and A-35.)

Joblessness among white-collar (4.8 percent), blue-collar (12.9 percent), and full-time (8.9 percent) workers was up over the month. The jobless rate for workers in wholesale and retail trade rose from 9.0 to 10.3 percent, while rates for workers in the construction and manufacturing industries were about unchanged. (See table A-36.)

All of the over-the-month increase in joblessness was among job losers, most of whom were permanently terminated from their jobs. The number of persons on layoff (job losers expecting recall) rose slightly, following 2 months of decline. Job losers have accounted for nearly all of the increase in unemployment since the recession began and in March comprised over 57 percent

of the unemployed. (See table A-39.)

The number of persons out of work for 15 weeks or more increased by 230,000 over the month; average (mean) duration was about unchanged at 14 weeks, while median duration rose to 7.6 weeks. (See table A-37.)

The number of persons in nonagricultural industries working less than 35 hours for economic reasons rose by 150,000 in March to a high of 5.7 million. This represented an increase of 1.7 million from last June's 1981 low. Most of the over-the-month increase took place among persons working part time because they couldn't find full-time jobs. (See table A-42.)

## Total employment and the labor force

Total employment was little changed for the third consecutive month and, at 99.5 million in March, was 1.4 million below last July's level. The percentage of the population employed—the employment population ratio—continued to recede, as employment failed to keep pace with population growth. The March ratio was 57.2 percent, 1.6 percentage points below its May 1981 pre-recession peak.

The civilian labor force edged up to 109.3 million in March. The labor force grew by only 1.1 million over the year; adult women accounted for most of this relatively small gain. (See table A-33.)

## Discouraged workers

The number of discouraged workers (persons who report that they want to work but are not looking for jobs because they believe they could not find any) rose by 140,000 in the first quarter of 1982 to 1.3 million, the highest level recorded since the series began in 1967. The increase was particularly sharp among blacks, who historically have accounted for a disproportionately large number of the discouraged; in the first quarter, they comprised nearly 40 percent of the total. Four-fifths of all discouraged workers were not seeking work because of job-market factors. (See table A-53.)

## Industry payroll employment

Employment on nonagricultural payrolls declined by 220,000 in March to 90.8 million, seasonally adjusted.



Since last September, employment reductions have totaled 1.2 million, with more than 1.1 million in manufacturing alone. March employment declines were particularly widespread, as gains occurred in fewer than a third of the 172 industries comprising the BLS diffusion index of private nonagricultural payroll employment. (See tables B-4 and B-7.)

The largest over-the-month decrease took place in manufacturing, where employment fell by 130,000. Almost 50,000 of this drop was among nonproduction workers. Within the durable goods sector, the industries suffering the heaviest losses were primary and fabricated metals, machinery, and electrical equipment. In nondurable goods, employment in textiles and apparel continued to drop, and there was also a decline in food processing jobs. Construction employment in March was off by 45,000; job losses have totaled 300,000 since last April.

Employment in the service-producing sector was little changed, as none of the industry groups which make up that sector experienced particularly strong movements. There has been essentially no job growth in the service-producing sector since last fall.

### **Hours of work**

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls fell two-tenths of an hour in March to 34.8 hours, seasonally adjusted. The average workweek was one-half hour below its year-earlier level. Average hours in manufac-

turing were down one-half hour from February, and overtime was reduced by 0.1 hour. Reflecting the declines in both hours and employment, the index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls declined by 0.9 percent to 106.1 (1977 = 100). The manufacturing index declined by 1.7 percent to 90.6 and was down by 10 percent from last July. (See tables C-6 and C-7.)

### **Hourly and weekly earnings**

Average hourly earnings rose 0.5 percent in March, while average weekly earnings were virtually unchanged, after seasonal adjustment. Before adjustment for seasonality, average hourly earnings rose one cent to \$7.55, 45 cents above a year earlier. Weekly earnings were up 35 cents over the month and \$12.07 over the past year.

### **The Hourly Earnings Index**

The Hourly Earnings Index (HEI) was 145.8 (1977 = 100) in March, seasonally adjusted, 0.5 percent higher than in February. For the 12 months ended in March, the increase (before seasonal adjustment) was 7.4 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.2 percent during the 12-month period ended in February. (See table C-8.)

# HOUSEHOLD DATA HISTORICAL

## A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
		Number	Percent of population	Total	Employed			Unemployed		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Annual averages										
1947.....	103,418	60,941	53.9	59,350	57,038	7,830	49,148	2,311	3.9	42,477
1948.....	104,527	62,080	59.4	59,621	58,343	7,629	50,714	2,276	3.8	42,447
1949.....	105,611	62,903	59.5	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950.....	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951.....	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952.....	108,823	65,730	60.4	62,138	60,250	6,503	53,749	1,883	3.0	43,093
1953 <sup>1</sup> .....	110,601	66,560	63.2	63,015	61,179	6,261	54,919	1,834	2.9	44,041
1954.....	111,671	66,993	60.0	63,643	60,109	5,205	53,904	3,532	5.5	44,678
1955.....	112,732	68,072	63.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956.....	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,033
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,055	3,740	5.5	46,960
1960 <sup>1</sup> .....	119,759	72,142	63.2	69,628	65,778	5,458	63,318	3,852	5.5	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	63,915	2,875	3.8	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,566	74,296	2,832	3.5	53,602
1970.....	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971.....	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972 <sup>1</sup> .....	146,574	89,484	61.1	87,034	82,153	3,484	78,659	4,882	5.6	57,091
1973 <sup>1</sup> .....	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974.....	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975.....	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976.....	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977.....	161,166	101,142	62.3	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978 <sup>1</sup> .....	164,027	104,368	63.5	102,251	96,048	3,387	92,661	6,202	5.1	59,659
1979.....	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980.....	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,537	7.1	60,835
1981.....	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
Monthly data, seasonally adjusted <sup>2</sup>										
<b>1981:</b>										
March....	171,581	110,492	64.4	108,364	100,405	3,343	97,063	7,958	7.3	61,089
April....	171,770	110,906	64.5	108,777	100,878	3,470	97,408	7,899	7.3	60,864
May....	171,956	111,420	64.8	109,293	101,045	3,405	97,640	8,248	7.5	60,535
June....	172,172	110,565	64.2	108,434	100,430	3,348	97,082	8,004	7.4	61,608
July....	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August....	172,555	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October..	172,966	111,170	64.3	109,312	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	3.8	61,982
<b>1982:</b>										
January..	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March....	173,843	111,521	64.2	109,346	99,492	3,349	96,144	9,854	9.0	62,321

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

<sup>2</sup> Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

# HOUSEHOLD DATA HISTORICAL

## A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninsti- tutional popula- tion	Total labor force		Civilian labor force						Not in labor force
		Number	Percent of popula- tion	Total	Employed			Unemployed		
					Total	Agri- culture	Nonagri- cultural indus- tries	Number	Percent of labor force	
<b>MALES</b>										
Annual averages										
1972 <sup>1</sup> .....	70,241	55,961	79.7	53,555	50,896	2,849	43,047	2,659	5.0	14,280
1973 <sup>1</sup> .....	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974.....	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975.....	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976.....	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977.....	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978 <sup>1</sup> .....	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979.....	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980.....	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981.....	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
Monthly data, seasonally adjusted <sup>2</sup>										
<b>1981:</b>										
March....	82,147	63,860	77.7	61,906	57,531	2,663	54,868	4,375	7.1	18,287
April....	82,236	64,047	77.9	62,092	57,792	2,790	55,002	4,300	6.9	18,188
May....	82,324	64,317	78.1	62,364	57,793	2,728	55,065	4,571	7.3	18,007
June....	82,428	63,647	77.2	61,694	57,279	2,704	54,575	4,415	7.2	18,781
July....	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,758
August....	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October..	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
<b>1982:</b>										
January..	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,113
February.	83,129	64,025	77.0	62,042	56,658	2,693	53,965	5,384	8.7	19,104
March....	83,218	64,069	77.0	62,382	56,472	2,667	53,805	5,610	9.0	19,149
<b>FEMALES</b>										
Annual averages										
1972 <sup>1</sup> .....	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973 <sup>1</sup> .....	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974.....	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,131
1975.....	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976.....	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977.....	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978 <sup>1</sup> .....	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979.....	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980.....	88,507	45,646	51.6	45,487	42,117	655	41,461	3,370	7.4	42,861
1981.....	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
Monthly data, seasonally adjusted <sup>2</sup>										
<b>1981:</b>										
March....	89,434	46,632	52.1	46,458	42,875	680	42,195	3,583	7.7	42,802
April....	89,535	46,859	52.3	46,685	43,086	680	42,406	3,599	7.7	42,676
May....	89,632	47,103	52.6	46,929	43,252	677	42,575	3,677	7.8	42,529
June....	89,744	46,918	52.3	46,740	43,151	644	42,507	3,589	7.7	42,827
July....	89,856	47,056	52.4	46,877	43,224	646	42,578	3,653	7.8	42,800
August....	89,946	47,062	52.3	46,882	43,289	666	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	571	42,116	3,730	8.0	43,352
October..	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
<b>1982:</b>										
January..	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February.	90,528	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,220
March....	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

<sup>2</sup> Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

# HOUSEHOLD DATA

## A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	March 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over	63,725	76.6	61,733	55,533	6,206	10.1	19,492	315	4,999	1,483	12,693
16 to 21 years	7,892	62.7	7,259	5,609	1,650	22.7	4,731	15	4,093	36	558
16 to 19 years	4,412	53.8	4,153	3,114	1,039	25.0	3,791	11	3,410	12	357
16 to 17 years	1,601	40.3	1,592	1,160	432	27.1	2,376	4	2,230	2	140
18 to 19 years	2,811	66.5	2,561	1,954	607	23.7	1,414	7	1,180	10	217
20 to 64 years	57,452	88.8	55,724	50,633	5,090	9.1	7,252	160	1,588	1,057	4,447
20 to 24 years	9,250	84.9	8,486	6,995	1,490	17.6	1,651	8	1,161	56	425
25 to 54 years	41,026	94.1	40,063	36,883	3,180	7.9	2,579	86	417	526	1,550
25 to 29 years	9,534	94.0	9,150	8,083	1,067	11.7	506	11	250	49	287
30 to 34 years	8,802	95.7	8,538	7,836	702	8.2	396	15	72	68	241
35 to 39 years	7,166	95.9	6,976	6,490	486	7.0	306	11	39	74	182
40 to 44 years	5,694	94.7	5,607	5,241	366	6.5	320	19	23	95	182
45 to 49 years	4,960	92.8	4,931	4,640	291	5.9	384	11	17	95	261
50 to 54 years	4,869	89.6	4,861	4,593	268	5.5	567	18	6	147	397
55 to 64 years	7,177	70.4	7,176	6,756	420	5.8	3,022	66	10	475	2,471
55 to 59 years	4,429	82.0	4,428	4,143	285	5.4	372	33	8	222	709
60 to 64 years	2,748	57.3	2,747	2,613	135	4.9	2,050	33	2	253	1,762
65 years and over	1,861	18.1	1,861	1,785	77	4.1	8,450	144	1	411	7,894
65 to 69 years	1,079	27.6	1,079	1,019	60	5.6	2,930	37	1	134	2,658
70 years and over	782	12.2	782	766	16	2.1	5,619	107	--	277	5,236
<b>White</b>											
16 years and over	56,137	77.4	54,610	49,686	4,924	9.0	16,435	260	3,954	1,153	11,052
16 to 21 years	6,830	64.9	6,345	5,373	1,272	20.1	3,688	8	3,266	26	389
16 to 19 years	3,877	56.7	3,674	2,855	818	22.3	2,960	4	2,694	8	254
16 to 17 years	1,455	43.7	1,447	1,097	351	24.2	1,874	2	1,774	2	96
18 to 19 years	2,422	69.0	2,227	1,759	468	21.0	1,087	2	920	6	159
20 to 64 years	50,570	89.6	49,247	45,202	4,044	8.2	5,877	128	1,259	819	3,671
20 to 24 years	7,927	86.3	7,362	6,220	1,142	15.5	1,295	10	960	36	290
25 to 54 years	36,100	94.9	35,342	32,794	2,550	7.2	1,937	69	294	403	1,172
25 to 29 years	15,980	95.7	15,485	14,099	1,386	8.9	718	20	241	78	380
30 to 34 years	11,374	96.1	11,143	10,444	699	6.3	462	23	39	127	273
35 to 44 years	8,746	92.0	8,715	8,250	465	5.3	756	26	13	198	519
55 to 64 years	6,544	71.2	6,543	6,189	354	5.4	2,644	49	6	380	2,209
55 to 59 years	4,043	83.3	4,042	3,802	239	5.9	809	26	5	182	595
60 to 64 years	2,501	57.7	2,501	2,387	114	4.6	1,835	23	--	198	1,614
65 years and over	1,690	18.2	1,690	1,628	62	3.6	7,598	128	1	342	7,127
<b>Black and other</b>											
16 years and over	7,588	71.3	7,128	5,847	1,281	18.0	3,057	54	1,045	312	1,646
16 to 21 years	1,063	51.2	914	536	378	41.3	1,013	7	827	10	169
16 to 19 years	535	39.2	483	259	221	46.0	831	7	716	5	103
16 to 17 years	146	22.5	145	63	81	56.2	503	3	456	--	44
18 to 19 years	389	54.3	335	196	139	41.6	328	5	260	5	58
20 to 64 years	6,881	83.3	6,477	5,431	1,046	16.1	1,376	32	329	239	775
20 to 24 years	1,323	78.8	1,124	775	349	31.3	356	--	202	20	135
25 to 54 years	4,926	88.5	4,720	4,089	631	13.4	642	17	124	124	378
25 to 29 years	2,357	89.3	2,203	1,820	383	17.4	284	6	91	39	148
30 to 34 years	1,486	90.1	1,439	1,287	153	10.6	164	7	24	42	91
35 to 44 years	1,082	84.3	1,078	983	95	8.8	195	4	9	43	138
55 to 64 years	633	62.6	633	567	66	10.4	378	17	4	95	262
55 to 59 years	386	70.3	386	341	45	11.7	163	7	2	40	114
60 to 64 years	247	53.4	247	226	21	8.3	215	10	2	55	148
65 years and over	172	16.8	172	157	15	3.8	851	15	--	68	768

## A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	March 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over .....	47,211	52.1	47,023	42,939	4,084	8.7	43,414	31,641	4,904	1,118	5,750
16 to 21 years .....	6,490	52.8	6,421	5,289	1,132	17.6	5,808	1,268	4,100	18	422
16 to 19 years .....	3,694	46.3	3,667	2,929	738	20.1	4,291	502	3,394	8	283
16 to 17 years .....	1,404	36.4	1,403	1,095	308	22.0	2,456	145	2,195	1	115
18 to 19 years .....	2,290	55.5	2,264	1,834	430	19.0	1,835	457	1,199	6	173
20 to 64 years .....	42,355	62.5	42,194	38,881	3,314	7.9	25,364	21,072	1,504	529	2,260
20 to 24 years .....	7,418	68.5	7,327	6,433	895	12.2	3,388	2,032	1,002	32	322
25 to 54 years .....	30,045	66.4	29,975	27,809	2,165	7.2	15,196	13,454	486	266	988
25 to 29 years .....	7,068	68.3	7,021	6,373	648	9.2	3,203	2,789	202	23	193
30 to 34 years .....	6,348	67.5	6,331	5,852	479	7.6	3,059	2,744	140	23	153
35 to 39 years .....	5,186	67.2	5,182	4,843	339	5.5	2,532	2,259	66	39	167
40 to 44 years .....	4,296	68.4	4,295	4,021	274	6.4	1,986	1,748	39	43	157
45 to 49 years .....	3,744	66.1	3,743	3,504	239	5.4	1,918	1,715	22	48	133
50 to 54 years .....	3,403	57.7	3,403	3,216	187	5.5	2,496	2,199	18	89	190
55 to 64 years .....	4,892	41.9	4,892	4,639	253	5.2	6,780	5,585	15	231	950
55 to 59 years .....	3,016	49.7	3,016	2,877	139	4.6	3,054	2,594	9	105	347
60 to 64 years .....	1,876	33.5	1,876	1,762	115	5.1	3,725	2,991	6	126	602
65 years and over .....	1,162	7.8	1,162	1,129	32	2.8	13,759	9,968	7	582	3,202
65 to 89 years .....	726	14.8	726	704	22	3.0	4,167	3,200	4	117	845
70 years and over .....	436	4.3	436	426	10	2.4	9,592	6,768	2	465	2,357
<b>White</b>											
16 years and over .....	40,624	51.9	40,490	37,402	3,088	7.6	37,597	27,977	3,797	915	4,908
16 to 21 years .....	5,709	55.9	5,662	4,789	873	15.4	4,503	1,020	3,169	15	300
16 to 19 years .....	3,291	49.8	3,273	2,686	586	17.9	3,313	480	2,619	7	207
16 to 17 years .....	1,271	40.0	1,270	1,002	269	21.1	1,910	124	1,696	1	89
18 to 19 years .....	2,021	59.0	2,002	1,685	318	15.9	1,403	356	923	6	117
20 to 64 years .....	36,275	62.4	36,163	33,686	2,474	6.8	21,828	18,381	1,171	421	1,855
20 to 24 years .....	6,387	70.7	6,323	5,690	634	10.0	2,651	1,629	772	22	229
25 to 54 years .....	25,586	66.1	25,535	23,906	1,629	6.4	13,102	11,715	385	206	796
25 to 34 years .....	11,328	68.0	11,282	10,486	797	7.1	5,327	4,762	269	39	258
35 to 44 years .....	8,042	67.1	8,038	7,564	473	5.9	3,342	3,521	83	66	272
45 to 54 years .....	6,216	61.9	6,215	5,856	359	5.8	3,833	3,432	34	101	266
55 to 64 years .....	4,302	41.5	4,302	4,090	212	4.9	6,074	5,038	14	193	830
55 to 59 years .....	2,649	49.5	2,649	2,532	117	4.4	2,706	2,322	8	88	288
60 to 64 years .....	1,653	32.9	1,653	1,558	95	5.7	3,369	2,715	5	106	542
65 years and over .....	1,058	7.9	1,053	1,030	28	2.6	12,456	9,116	7	487	2,846
<b>Black and other</b>											
18 years and over .....	6,587	53.1	6,532	5,537	996	15.2	5,817	3,664	1,107	203	842
16 to 21 years .....	780	37.4	759	500	259	34.1	1,305	248	931	3	123
16 to 19 years .....	403	29.2	395	242	152	38.6	978	121	775	1	81
16 to 17 years .....	133	19.6	133	93	40	29.9	546	21	499	1	26
18 to 19 years .....	270	38.4	262	149	112	43.0	432	101	276	--	56
20 to 64 years .....	6,080	63.2	6,034	5,195	840	13.9	3,536	2,691	333	108	405
20 to 24 years .....	1,031	58.3	1,004	743	261	26.0	737	403	230	10	93
25 to 54 years .....	4,459	68.1	4,440	3,903	536	12.1	2,093	1,740	101	60	193
25 to 34 years .....	2,087	69.1	2,069	1,739	330	15.0	935	771	73	7	84
35 to 44 years .....	1,441	71.4	1,439	1,299	140	9.7	577	486	22	16	52
45 to 54 years .....	931	61.6	931	865	66	7.1	581	483	6	36	57
55 to 64 years .....	590	45.6	590	549	41	7.0	705	547	1	37	120
55 to 59 years .....	367	51.3	367	345	22	5.9	349	271	1	17	59
60 to 64 years .....	224	38.5	224	204	20	8.9	357	276	--	20	60
65 years and over .....	104	7.4	104	99	4	4.3	1,303	852	--	95	356

# HOUSEHOLD DATA

## A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
<b>MALES</b>								
16 years and over	63,359	63,725	77.1	76.6	61,405	61,733	76.6	76.0
16 to 19 years	4,774	4,412	56.6	53.8	4,494	4,153	55.1	52.3
16 to 17 years	1,786	1,631	43.1	40.3	1,774	1,592	42.9	40.1
18 to 19 years	2,988	2,811	69.6	66.5	2,720	2,561	67.6	64.4
20 to 24 years	9,256	9,250	85.5	84.9	8,514	8,486	84.4	83.7
25 to 54 years	40,202	41,026	94.3	94.1	39,271	40,063	94.1	94.0
25 to 34 years	17,976	18,337	95.1	94.8	17,349	17,688	94.9	94.6
35 to 44 years	12,308	12,860	95.6	95.4	12,340	12,583	95.5	95.3
45 to 54 years	9,918	9,329	91.4	91.2	9,882	9,792	91.3	91.2
55 to 64 years	7,267	7,177	71.7	70.4	7,265	7,176	71.7	70.4
55 to 59 years	4,464	4,429	82.2	82.0	4,463	4,428	82.2	82.0
60 to 64 years	2,803	2,748	59.6	57.3	2,802	2,747	59.6	57.3
65 years and over	1,860	1,861	18.4	18.1	1,860	1,861	18.4	18.1
<b>White</b>								
16 years and over	55,882	56,137	78.0	77.4	54,375	54,610	77.5	76.9
16 to 19 years	4,209	3,877	59.9	56.7	3,994	3,674	58.7	55.4
16 to 17 years	1,627	1,455	47.2	43.7	1,517	1,447	47.1	43.6
18 to 19 years	2,581	2,422	72.1	69.0	2,377	2,227	70.5	67.2
20 to 24 years	7,937	7,927	86.7	86.0	7,388	7,362	85.8	85.0
25 to 54 years	35,428	36,100	95.2	94.9	34,586	35,342	95.1	94.8
25 to 34 years	15,711	15,980	96.0	95.7	15,223	15,485	95.8	95.6
35 to 44 years	10,854	11,374	96.4	96.1	10,531	11,143	96.3	96.0
45 to 54 years	8,863	8,746	92.4	92.0	8,832	8,715	92.3	92.0
55 to 64 years	6,639	6,544	72.7	71.2	6,638	6,543	72.7	71.2
55 to 59 years	4,080	4,043	83.7	83.3	4,079	4,042	83.7	83.3
60 to 64 years	2,559	2,501	60.2	57.7	2,559	2,501	60.2	57.7
65 years and over	1,669	1,690	18.3	18.2	1,669	1,690	18.3	18.2
<b>Black and other</b>								
16 years and over	7,477	7,588	71.3	71.3	7,030	7,128	70.0	70.0
16 to 19 years	565	535	40.0	39.2	500	480	37.1	36.6
16 to 17 years	159	146	22.8	22.5	157	145	22.6	22.3
18 to 19 years	406	389	56.9	54.3	343	335	52.7	50.5
20 to 24 years	1,319	1,323	78.9	78.8	1,126	1,124	76.1	76.0
25 to 54 years	4,773	4,926	88.2	88.5	4,585	4,720	87.7	88.0
25 to 34 years	2,265	2,357	89.2	89.3	2,125	2,203	88.6	88.6
35 to 44 years	1,454	1,486	89.9	90.1	1,410	1,439	89.6	89.9
45 to 54 years	1,055	1,082	83.7	84.8	1,050	1,078	83.7	84.7
55 to 64 years	628	633	62.6	62.6	628	633	62.6	62.6
55 to 59 years	384	386	69.6	70.3	384	386	69.6	70.3
60 to 64 years	244	247	54.0	53.4	244	247	54.0	53.4
65 years and over	191	172	19.3	16.8	191	172	19.3	16.8

## A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
<b>FEMALES</b>								
16 years and over	46,403	47,211	51.9	52.1	46,229	47,023	51.8	52.0
16 to 19 years	3,974	3,694	48.4	46.3	3,945	3,667	48.2	46.1
16 to 17 years	1,591	1,404	39.6	36.4	1,591	1,403	39.6	36.4
18 to 19 years	2,383	2,290	56.8	55.5	2,354	2,264	56.6	55.2
20 to 24 years	7,324	7,418	68.0	68.6	7,240	7,327	67.8	68.4
25 to 54 years	29,056	30,045	65.6	66.4	28,995	29,975	65.5	66.4
25 to 34 years	12,918	13,415	67.1	68.2	12,862	13,351	67.0	68.1
35 to 44 years	8,935	9,483	66.8	67.7	8,930	9,477	66.7	67.7
45 to 54 years	7,203	7,147	61.8	61.8	7,202	7,146	61.8	61.8
55 to 64 years	4,849	4,832	41.9	41.9	4,849	4,892	41.9	41.9
55 to 59 years	2,995	3,016	49.1	49.7	2,995	3,016	49.1	49.7
60 to 64 years	1,854	1,876	33.9	33.5	1,854	1,876	33.9	33.5
65 years and over	1,201	1,162	8.2	7.8	1,201	1,162	8.2	7.8
<b>White</b>								
16 years and over	39,957	40,624	51.7	51.9	39,830	40,490	51.6	51.9
16 to 19 years	3,546	3,291	51.8	49.8	3,526	3,273	51.6	49.7
16 to 17 years	1,446	1,271	43.1	43.0	1,446	1,270	43.1	39.9
18 to 19 years	2,100	2,021	60.1	59.0	2,080	2,002	59.9	58.8
20 to 24 years	6,307	6,387	70.1	70.7	6,246	6,323	69.9	70.5
25 to 54 years	24,726	25,586	65.2	66.1	24,681	25,535	65.2	66.1
25 to 34 years	10,898	11,328	66.7	68.0	10,957	11,282	66.6	67.9
35 to 44 years	7,593	8,042	66.2	67.1	7,589	8,038	66.2	67.1
45 to 54 years	6,235	6,216	61.6	61.9	6,235	6,215	61.6	61.9
55 to 64 years	4,302	4,302	41.7	41.5	4,302	4,302	41.7	41.5
55 to 59 years	2,652	2,649	48.9	49.5	2,652	2,649	48.9	49.5
60 to 64 years	1,650	1,653	33.6	32.9	1,650	1,653	33.6	32.9
65 years and over	1,076	1,058	8.1	7.8	1,076	1,058	8.1	7.8
<b>Black and other</b>								
16 years and over	6,446	6,587	53.2	53.1	6,398	6,532	53.0	52.9
16 to 19 years	428	403	31.4	29.2	419	395	30.9	28.7
16 to 17 years	145	133	21.8	19.6	145	133	21.8	19.6
18 to 19 years	282	270	40.6	38.4	274	262	39.8	37.7
20 to 24 years	1,017	1,031	57.3	58.3	994	1,004	56.7	57.7
25 to 54 years	4,330	4,459	68.0	68.1	4,314	4,440	67.9	68.0
25 to 34 years	2,020	2,087	69.0	69.1	2,005	2,069	68.9	68.9
35 to 44 years	1,342	1,441	70.2	71.4	1,342	1,439	70.2	71.4
45 to 54 years	967	931	63.2	61.6	967	931	63.2	61.6
55 to 64 years	547	590	43.9	45.6	547	590	43.9	45.6
55 to 59 years	343	367	50.5	51.3	343	367	50.5	51.3
60 to 64 years	204	224	35.9	38.5	204	224	35.9	38.5
65 years and over	125	104	9.1	7.4	125	104	9.1	7.4

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## A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	March 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>TOTAL</b>	<b>11,085</b>	<b>9,062</b>	<b>194</b>	<b>8,868</b>	<b>2,022</b>	<b>18.2</b>	<b>7,395</b>
16 years and over	11,085	9,062	194	8,868	2,022	18.2	7,395
16 to 19 years	728	390	8	381	339	46.5	1,535
16 to 17 years	229	116	--	115	113	49.3	903
18 to 19 years	500	274	8	265	226	45.2	632
20 to 24 years	1,790	1,232	19	1,213	558	31.2	893
25 to 54 years	7,330	6,313	119	6,194	1,016	13.9	2,175
25 to 34 years	3,442	2,805	33	2,772	637	18.5	952
35 to 44 years	2,276	2,028	47	1,982	247	10.9	572
45 to 54 years	1,612	1,480	39	1,441	132	8.2	650
55 to 64 years	1,009	911	29	882	97	9.7	919
55 to 59 years	611	551	18	533	60	9.9	427
60 to 64 years	397	363	11	349	37	9.3	492
65 years and over	228	216	19	197	12	5.3	1,874
<b>Males</b>							
16 years and over	5,701	4,581	187	4,394	1,119	19.6	2,535
16 to 19 years	404	203	7	194	202	50.0	698
16 to 17 years	118	42	--	42	77	65.3	445
18 to 19 years	286	161	7	152	126	44.1	253
20 to 24 years	938	625	19	607	312	33.3	277
25 to 54 years	3,711	3,175	113	3,062	536	14.4	518
25 to 34 years	1,741	1,407	31	1,376	334	19.2	221
35 to 44 years	1,135	1,008	45	964	126	11.1	129
45 to 54 years	835	759	37	723	75	9.0	168
55 to 64 years	515	453	29	424	61	11.8	331
55 to 59 years	313	272	18	254	41	13.1	144
60 to 64 years	201	181	11	170	20	10.0	188
65 years and over	133	125	18	105	8	6.0	711
<b>Females</b>							
16 years and over	5,384	4,481	7	4,474	903	16.8	4,860
16 to 19 years	324	187	1	187	137	42.1	837
16 to 17 years	111	74	--	74	36	33.0	458
18 to 19 years	214	113	1	113	130	46.9	379
20 to 24 years	852	606	--	606	246	28.9	616
25 to 54 years	3,619	3,138	6	3,132	480	13.3	1,657
25 to 34 years	1,701	1,398	2	1,396	303	17.8	731
35 to 44 years	1,141	1,020	2	1,018	121	10.6	443
45 to 54 years	777	721	2	718	57	7.3	482
55 to 64 years	494	458	--	458	36	7.3	588
55 to 59 years	298	279	--	279	19	6.4	283
60 to 64 years	196	179	--	179	17	8.7	304
65 years and over	95	91	1	91	4	4.4	1,163



**A-6. Employment status of the noninstitutional population by race, sex, and age**

[Numbers in thousands]

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
<b>TOTAL</b>								
Total noninstitutional population	171,581	173,843	73,710	75,015	81,221	82,640	16,650	16,188
Total labor force	109,762	110,936	58,585	59,313	42,429	43,517	8,748	8,106
Percent of population	64.0	63.8	79.5	79.1	52.2	52.7	52.5	50.1
Civilian labor force	107,634	108,761	56,911	57,585	42,284	43,356	8,439	7,820
Employed	99,364	93,471	53,030	52,418	39,567	40,010	6,766	6,043
Agriculture	2,953	2,964	2,173	2,194	504	525	276	245
Nonagricultural industries	35,410	95,507	50,857	50,224	39,063	39,485	6,490	5,798
Unemployed	8,271	10,290	3,881	5,167	2,717	3,346	1,673	1,777
Percent of labor force	7.7	9.5	6.8	9.3	6.4	7.7	19.8	22.7
Not in labor force	51,819	62,906	15,125	15,702	38,792	39,123	7,902	8,082
<b>White</b>								
Total noninstitutional population	148,968	150,793	64,631	65,735	70,452	71,617	13,875	13,441
Total labor force	95,839	96,762	51,673	52,260	36,410	37,333	7,755	7,168
Percent of population	64.3	64.2	80.0	79.5	51.7	52.1	55.9	53.3
Civilian labor force	94,206	95,101	50,382	50,937	36,304	37,218	7,520	6,946
Employed	87,755	87,088	47,265	46,830	34,306	34,716	6,184	5,542
Agriculture	2,705	2,703	1,968	1,968	474	503	263	232
Nonagricultural industries	85,050	84,385	45,297	44,863	33,832	34,212	5,921	5,310
Unemployed	6,451	8,013	3,117	4,106	1,998	2,502	1,336	1,405
Percent of labor force	6.8	8.4	6.2	8.1	5.5	5.7	17.8	20.2
Not in labor force	53,129	54,032	12,958	13,475	34,052	34,284	6,119	6,273
<b>Black and other</b>								
Total noninstitutional population	22,613	23,049	9,079	9,280	10,758	11,323	2,776	2,746
Total labor force	13,923	14,175	6,911	7,053	6,019	6,184	993	937
Percent of population	61.6	61.5	76.1	76.3	55.9	56.1	35.8	34.1
Civilian labor force	13,428	13,661	6,530	6,649	5,980	6,138	919	874
Employed	11,609	11,383	5,765	5,588	5,261	5,294	583	501
Agriculture	248	261	205	227	30	21	13	13
Nonagricultural industries	11,361	11,122	5,560	5,361	5,231	5,273	569	488
Unemployed	1,820	2,277	765	1,061	719	844	337	373
Percent of labor force	13.6	16.7	11.7	16.3	12.0	13.7	36.6	42.7
Not in labor force	8,690	8,874	2,167	2,227	4,740	4,839	1,782	1,809

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## A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	March 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>TOTAL</b>									
Total noninstitutional population	24,891	12,593	12,298	20,730	10,518	10,213	4,161	2,076	2,085
Total labor force	14,382	7,892	6,490	12,539	6,830	5,709	1,843	1,063	780
Percent of population	57.8	62.7	52.8	60.5	64.9	55.9	44.3	51.2	37.4
Civilian labor force	13,680	7,259	6,421	12,037	6,345	5,662	1,673	914	759
Employed	10,898	5,639	5,289	9,852	5,073	4,789	1,036	536	500
Agriculture	379	325	54	356	302	53	23	22	1
Nonagricultural industries	10,519	5,284	5,235	9,505	4,770	4,736	1,013	514	499
Unemployed	2,782	1,650	1,132	2,145	1,272	873	637	378	259
Looking for full-time work	1,833	1,134	699	1,400	865	535	433	269	165
Looking for part-time work	948	516	433	745	407	338	203	109	94
Percent of labor force	20.3	22.7	17.6	17.9	20.1	15.4	38.1	41.3	34.1
Not in labor force	10,539	4,701	5,808	8,191	3,688	4,503	2,318	1,013	1,305
<b>Major activity: going to school</b>									
Civilian labor force	4,190	2,127	2,063	3,723	1,895	1,829	467	233	234
Employed	3,223	1,567	1,656	2,974	1,468	1,507	248	99	149
Agriculture	123	134	18	122	103	18	1	1	--
Nonagricultural industries	3,100	1,462	1,638	2,853	1,364	1,488	247	98	149
Unemployed	957	561	407	749	427	322	218	133	85
Looking for full-time work	154	95	59	138	60	48	46	35	12
Looking for part-time work	813	466	348	641	367	274	172	99	73
Percent of labor force	23.1	26.4	19.7	20.1	22.5	17.6	46.8	57.4	36.3
Not in labor force	8,193	4,093	4,100	6,435	3,266	3,169	1,758	827	931
<b>Major activity: other</b>									
Civilian labor force	9,490	5,131	4,359	8,284	4,450	3,833	1,206	681	525
Employed	7,675	4,042	3,633	6,887	3,605	3,282	788	437	351
Agriculture	256	220	36	234	199	35	22	21	1
Nonagricultural industries	7,419	3,821	3,598	6,653	3,406	3,247	766	416	350
Unemployed	1,814	1,089	725	1,396	845	551	418	244	174
Looking for full-time work	1,679	1,039	640	1,292	805	487	387	234	153
Looking for part-time work	135	50	85	104	40	64	31	10	21
Percent of labor force	19.1	21.2	16.6	15.9	19.0	14.4	34.7	35.8	33.1
Not in labor force	2,316	608	1,708	1,756	422	1,334	560	186	374

## A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	March 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Both sexes, 16 years and over.....	92,300	77,903	5,749	8,651	9.4	16,461	14,822	1,639	10.0
16 to 21 years.....	8,018	5,115	1,068	1,833	22.9	5,662	4,714	948	16.7
16 to 19 years.....	3,486	1,908	605	972	27.9	4,335	3,530	805	18.6
16 to 17 years.....	542	216	119	207	38.2	2,454	1,920	534	21.7
18 to 19 years.....	2,944	1,693	486	756	26.0	1,881	1,610	271	14.4
20 years and over.....	88,815	75,992	5,145	7,678	8.5	12,126	11,292	834	6.9
20 to 24 years.....	13,264	10,089	1,036	2,140	15.1	2,549	2,303	245	9.6
25 years and over.....	75,550	65,903	4,108	5,539	7.3	9,578	8,990	589	6.1
25 to 54 years.....	63,442	55,149	3,392	4,901	7.7	6,595	6,150	445	6.7
55 years and over.....	12,108	10,754	716	538	5.3	2,983	2,839	144	4.8
<b>Males, 16 years and over.....</b>	<b>56,445</b>	<b>48,242</b>	<b>2,726</b>	<b>5,477</b>	<b>9.7</b>	<b>5,294</b>	<b>4,565</b>	<b>729</b>	<b>13.8</b>
16 to 21 years.....	4,534	2,871	529	1,134	25.0	2,724	2,208	516	18.9
16 to 19 years.....	1,981	1,085	303	594	30.3	2,172	1,727	445	20.5
16 to 17 years.....	54,463	47,157	2,423	4,883	9.0	3,122	2,838	284	9.1
20 to 24 years.....	7,487	5,579	521	1,386	18.5	999	895	104	10.4
25 years and over.....	46,977	41,577	1,902	3,497	7.4	2,123	1,944	180	8.5
25 to 54 years.....	39,154	34,519	1,558	3,076	7.9	909	805	104	11.4
55 years and over.....	7,823	7,058	343	421	5.4	1,214	1,139	76	6.3
<b>Females, 16 years and over.....</b>	<b>35,856</b>	<b>29,658</b>	<b>3,023</b>	<b>3,174</b>	<b>8.9</b>	<b>11,167</b>	<b>10,257</b>	<b>910</b>	<b>8.2</b>
16 to 21 years.....	3,483	2,245	539	699	20.1	2,938	2,505	433	14.7
16 to 19 years.....	1,504	824	302	379	25.2	2,163	1,803	360	16.6
16 to 17 years.....	34,351	28,835	2,721	2,795	8.1	9,004	8,454	551	6.1
20 to 24 years.....	5,778	4,509	515	753	13.0	1,550	1,408	141	9.1
25 years and over.....	28,573	24,325	2,207	2,042	7.1	7,455	7,046	409	5.5
25 to 54 years.....	24,288	20,629	1,833	1,825	7.5	5,686	5,346	340	6.0
55 years and over.....	4,285	3,696	373	217	5.1	1,769	1,700	69	3.9
<b>White</b>									
<b>Males, 16 years and over.....</b>	<b>49,892</b>	<b>43,290</b>	<b>2,259</b>	<b>4,343</b>	<b>8.7</b>	<b>4,718</b>	<b>4,137</b>	<b>581</b>	<b>12.3</b>
16 to 21 years.....	3,895	2,603	421	865	22.2	2,450	2,044	407	16.6
16 to 19 years.....	1,709	999	250	460	26.9	1,965	1,606	359	18.3
16 to 17 years.....	48,183	42,291	2,009	3,884	8.1	2,753	2,531	222	8.1
20 to 24 years.....	6,485	5,008	414	1,063	16.4	877	798	79	9.0
25 years and over.....	41,698	37,283	1,595	2,822	6.8	1,877	1,733	144	7.7
25 to 54 years.....	34,575	30,812	1,297	2,466	7.1	767	684	83	10.8
55 years and over.....	7,123	6,471	298	355	5.0	1,110	1,049	60	5.4
<b>Females, 16 years and over.....</b>	<b>30,322</b>	<b>25,454</b>	<b>2,519</b>	<b>2,349</b>	<b>7.7</b>	<b>10,168</b>	<b>9,429</b>	<b>739</b>	<b>7.3</b>
16 to 21 years.....	3,032	2,034	463	535	17.5	2,630	2,291	338	12.9
16 to 19 years.....	1,328	770	264	294	22.1	1,945	1,653	292	15.0
16 to 17 years.....	28,995	24,685	2,255	2,055	7.1	8,223	7,776	447	5.4
20 to 24 years.....	4,972	3,992	438	542	10.9	1,351	1,260	92	6.8
25 years and over.....	24,023	20,692	1,816	1,513	6.3	6,872	6,516	356	5.2
25 to 54 years.....	20,249	17,393	1,525	1,330	6.5	5,286	4,987	299	5.7
55 years and over.....	3,774	3,299	292	183	4.8	1,586	1,529	57	3.6
<b>Black and other</b>									
<b>Males, 16 years and over.....</b>	<b>6,552</b>	<b>4,951</b>	<b>467</b>	<b>1,134</b>	<b>17.3</b>	<b>576</b>	<b>428</b>	<b>148</b>	<b>25.7</b>
16 to 21 years.....	640	263	108	269	42.0	274	165	109	39.8
16 to 19 years.....	272	85	53	134	49.2	207	121	87	41.8
16 to 17 years.....	6,280	4,866	414	1,000	15.9	369	307	61	16.6
20 to 24 years.....	1,001	571	107	323	32.3	122	97	25	20.7
25 years and over.....	5,279	4,294	308	675	12.8	246	211	36	14.6
25 to 54 years.....	4,579	3,707	261	610	13.3	142	121	21	14.8
55 years and over.....	699	587	47	66	9.4	104	90	15	14.4
<b>Females, 16 years and over.....</b>	<b>5,533</b>	<b>4,204</b>	<b>504</b>	<b>825</b>	<b>14.9</b>	<b>999</b>	<b>828</b>	<b>171</b>	<b>17.1</b>
16 to 21 years.....	451	210	76	165	36.5	308	214	94	30.6
16 to 19 years.....	177	54	38	85	48.1	218	151	67	30.9
16 to 17 years.....	5,357	4,150	467	740	13.8	781	677	103	13.2
20 to 24 years.....	805	518	77	211	25.2	198	149	50	25.2
25 years and over.....	4,551	3,633	390	530	11.6	582	529	54	9.3
25 to 54 years.....	4,039	3,236	309	495	12.3	400	358	42	10.5
55 years and over.....	511	397	81	34	6.7	182	171	12	6.6

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories

# HOUSEHOLD DATA

## A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	March 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	108,761	63.4	98,471	10,290	9.5	62,906	31,956	9,904	2,599	18,447
Husbands	39,498	79.9	37,009	2,488	6.3	9,911	114	230	867	8,700
With employed wife	21,817	91.7	20,576	1,241	5.7	1,988	44	130	291	1,523
With unemployed wife	1,582	94.0	1,260	322	20.3	101	-	2	25	74
With wife not in labor force	16,099	67.3	15,173	926	5.8	7,823	71	98	551	7,102
Wives	25,487	51.6	23,805	1,683	6.6	23,922	21,223	327	309	2,062
With employed husband	21,836	59.0	20,576	1,260	5.8	15,173	14,000	279	91	803
With unemployed husband	1,562	62.8	1,241	322	20.6	926	859	9	10	48
With husband not in labor force	2,089	21.1	1,988	101	4.8	7,823	6,364	39	208	1,211
Relatives in married-couple families	12,909	58.8	10,658	2,251	17.4	9,038	930	6,410	261	1,436
16 to 19 years	5,197	48.5	4,148	1,049	20.2	5,521	170	4,983	11	358
20 to 24 years	4,979	73.6	4,205	774	15.5	1,790	148	1,304	38	300
25 years and over	2,733	61.1	2,305	429	15.7	1,726	613	123	214	778
Females who maintain families	5,659	60.3	5,064	595	10.5	3,733	2,869	150	152	563
Relatives in families maintained by females	4,630	55.1	3,388	1,242	26.8	3,736	793	1,755	235	953
16 to 19 years	1,334	43.8	899	435	32.6	1,715	102	1,392	6	215
20 to 24 years	1,541	71.5	1,088	453	29.4	615	124	300	32	158
25 years and over	1,755	55.5	1,401	354	20.2	1,406	567	63	196	580
Males who maintain families	1,804	77.5	1,624	180	10.0	523	30	22	55	415
Relatives in families maintained by males	1,462	56.8	1,198	264	18.1	1,112	471	302	75	265
16 to 19 years	319	54.4	233	86	27.0	268	26	221	1	20
20 to 24 years	431	74.0	333	98	22.8	152	52	68	3	30
25 years and over	711	50.6	631	80	11.3	693	394	13	72	216
Persons living alone	10,729	54.2	9,926	803	7.5	9,066	4,901	216	488	3,461
Males	5,607	72.3	5,091	517	9.2	2,149	99	137	195	1,717
Females	5,121	42.5	4,835	286	5.6	6,918	4,802	78	294	1,744
All others <sup>1</sup>	6,583	77.9	5,799	784	11.9	1,865	625	492	157	592

<sup>1</sup> The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

## A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	4,828	6,206	7.9	10.1	3,443	4,084	7.4	8.7
Married, spouse present	1,999	2,634	4.9	6.5	1,459	1,773	5.7	6.9
Widowed, divorced, or separated	473	713	8.8	12.7	689	855	7.5	9.1
Single (never married)	2,355	2,858	15.5	13.3	1,295	1,456	11.2	12.3
Whites, 16 years and over	3,895	4,924	7.2	9.0	2,556	3,088	6.4	7.6
Married, spouse present	1,698	2,254	4.5	5.1	1,222	1,478	5.3	6.4
Widowed, divorced, or separated	365	531	8.3	11.5	476	628	6.5	8.3
Single (never married)	1,832	2,139	14.0	16.1	859	982	8.9	10.0
Black and other, 16 years and over	933	1,281	13.3	18.0	887	996	13.9	15.2
Married, spouse present	293	380	7.5	9.9	238	295	8.8	10.6
Widowed, divorced, or separated	108	182	11.1	18.5	213	227	11.5	12.9
Single (never married)	533	719	24.1	31.1	436	474	23.4	24.0
Total, 20 to 64 years of age	3,825	5,090	6.9	9.1	2,670	3,314	6.5	7.9
Married, spouse present	1,916	2,542	4.9	6.5	1,374	1,685	5.5	6.7
Widowed, divorced, or separated	450	685	9.0	12.8	638	815	7.6	9.4
Single (never married)	1,449	1,862	13.3	15.1	657	813	8.3	9.7
Whites, 20 to 64 years of age	3,077	4,044	6.3	8.2	1,955	2,474	5.5	6.8
Married, spouse present	1,644	2,175	4.7	6.2	1,146	1,401	5.2	6.3
Widowed, divorced, or separated	353	508	8.5	11.5	435	590	6.5	8.4
Single (never married)	1,080	1,363	11.7	14.0	374	483	5.8	7.1
Black and other, 20 to 64 years of age	749	1,046	11.3	15.1	715	840	12.2	13.9
Married, spouse present	273	368	7.4	9.9	228	284	8.7	10.3
Widowed, divorced, or separated	106	179	11.4	13.1	203	225	11.5	13.3
Single (never married)	370	499	21.4	27.3	284	330	19.4	20.7

## A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	3,271	10,290	7.7	9.5	7.9	10.1	7.4	8.7
White-collar workers	2,079	2,577	3.8	4.6	2.7	3.8	4.5	5.4
Professional and technical	370	466	2.2	2.7	1.9	2.7	2.5	2.6
Managers and administrators, except farm	332	379	2.7	3.2	2.2	3.1	4.2	3.7
Sales workers	256	392	4.1	5.7	3.5	4.6	4.8	6.9
Clerical workers	1,111	1,340	5.5	6.9	5.3	7.1	5.7	6.8
Blue-collar workers	3,901	5,060	11.4	14.7	11.1	14.4	12.8	15.7
Craft and kindred workers	1,223	1,547	8.3	11.3	9.1	11.4	6.9	8.6
Carpenters and other construction craft workers	612	810	14.7	19.4	14.8	19.4	(1)	(1)
All other	611	737	6.4	7.7	6.4	7.7	6.9	7.8
Operatives, except transport	1,449	1,951	12.3	15.7	11.2	16.2	14.0	17.5
Transport equipment operatives	411	466	10.8	12.3	11.3	12.8	6.0	7.2
Nonfarm laborers	818	1,096	16.5	20.6	16.8	21.1	14.5	17.1
Construction laborers	293	324	30.5	33.2	30.0	32.7	(1)	(1)
All other	538	772	13.3	17.8	13.3	18.2	13.3	15.3
Service workers	1,233	1,504	8.2	10.0	8.5	11.2	8.0	9.2
Private household	47	73	4.1	6.5	(1)	(1)	4.1	6.6
All other	1,156	1,431	8.5	10.3	8.5	11.3	8.5	9.6
Farm workers	180	186	6.9	7.1	5.9	5.7	11.6	14.1
No previous work experience	97	963	--	--	--	--	--	--
-16 to 19 years	663	698	--	--	--	--	--	--
20 to 24 years	147	182	--	--	--	--	--	--
25 years and over	97	84	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	100.0	100.0	7.7	9.5	7.9	10.1	7.4	8.7
Nonagricultural private wage and salary workers	76.1	78.4	8.3	10.1	8.3	10.9	7.5	9.0
Mining	.7	1.2	5.3	10.8	5.9	11.5	1.7	6.3
Construction	12.1	11.9	20.3	24.1	20.7	24.8	11.7	15.9
Manufacturing	24.4	25.2	8.7	11.4	7.6	10.5	10.8	13.2
Durable goods	14.6	15.1	8.5	11.5	8.0	10.8	10.3	13.3
Lumber and wood products	1.0	1.5	12.5	21.4	13.0	19.9	9.9	29.3
Furniture and fixtures	.6	.7	8.5	15.2	8.2	16.3	9.4	12.7
Stone, clay, and glass products	.9	.7	10.5	12.1	9.5	11.7	14.7	13.4
Primary metal industries	1.3	1.4	6.6	12.6	6.7	12.5	6.2	13.7
Fabricated metal products	2.3	1.8	10.2	11.2	10.4	10.3	9.8	13.8
Machinery, except electrical equipment	2.2	2.6	6.1	9.1	5.7	8.9	7.7	9.8
Electrical equipment	2.1	2.0	6.8	3.1	4.3	6.5	10.2	10.3
Transportation equipment	3.4	2.9	12.4	13.9	11.9	12.9	14.8	18.2
Automobiles	2.6	1.9	17.5	18.4	16.4	15.7	23.4	31.2
Other transportation equipment	.8	1.0	6.4	9.4	6.4	10.2	6.3	5.2
Instruments and related products	.6	.7	6.7	10.1	4.8	7.2	9.6	13.9
Other durable goods industries	.9	.9	9.2	12.6	7.1	8.5	12.3	17.8
Nondurable goods	9.8	10.1	8.9	11.4	7.0	10.1	11.3	13.2
Food and kindred products	2.5	2.4	10.5	13.2	8.3	12.5	15.5	15.3
Textile mill products	1.1	1.1	11.2	13.6	10.7	14.9	11.6	12.5
Apparel and other textile products	1.9	2.0	10.9	15.3	10.0	12.7	11.1	16.0
Paper and allied products	.6	.5	6.9	7.5	4.9	6.0	12.2	11.2
Printing and publishing	1.2	1.1	6.1	6.7	4.8	7.7	8.0	5.3
Chemicals and allied products	.9	1.0	5.1	8.3	4.4	6.7	6.9	12.7
Rubber and plastics products	.9	1.0	10.3	13.8	10.1	11.8	11.8	16.8
Other nondurable goods industries	.3	.9	10.9	14.4	7.8	12.9	15.4	16.7
Transportation and public utilities	4.6	3.4	5.7	5.2	7.6	6.8	4.4	4.7
Railroads and railway express	.6	.5	8.1	10.8	8.8	11.5	(1)	(1)
Other transportation	3.3	2.4	10.2	9.0	10.9	9.6	8.1	7.2
Communication and other public utilities	.7	.6	2.4	2.3	2.6	1.9	2.2	3.1
Wholesale and retail trade	18.1	20.2	7.7	10.3	6.9	10.1	8.5	10.5
Finance, insurance, and real estate	2.4	2.4	3.4	4.2	3.3	3.7	3.6	4.5
Service industries	13.7	14.0	6.1	7.4	6.3	8.5	6.0	6.7
Professional services	5.4	5.4	4.0	4.8	2.8	4.5	4.5	4.9
All other service industries	8.3	8.7	9.2	11.1	9.7	11.9	8.7	10.3
Agricultural wage and salary workers	2.7	2.6	15.7	18.0	14.0	16.6	21.8	23.1
All other classes of workers	10.2	9.6	3.2	3.8	3.1	4.0	3.4	3.5
No previous work experience	11.3	9.4	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

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## A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Mar. 1981	Mar. 1982	Mar. 1991	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed, in thousands.....	8,271	10,290	3,891	5,167	2,717	3,346	1,673	1,777	6,451	8,013	1,820	2,277
Job losers.....	4,442	6,246	2,790	3,991	1,246	1,781	406	475	3,600	5,000	842	1,246
On layoff.....	1,620	2,238	1,077	1,505	428	631	115	103	1,400	1,889	220	350
Other job losers.....	2,822	4,008	1,713	2,486	818	1,150	291	372	2,200	3,111	622	895
Job leavers.....	859	340	348	375	377	330	134	135	707	685	153	154
Reentrants.....	2,064	2,242	643	701	950	1,070	471	471	1,475	1,651	589	591
New entrants.....	905	362	101	100	143	165	661	697	670	676	236	286
<b>PERCENT DISTRIBUTION</b>												
Total unemployed.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers.....	53.7	60.8	71.8	77.2	45.9	53.3	24.2	26.7	55.8	62.4	46.3	54.7
On layoff.....	19.6	21.8	27.7	29.1	15.8	18.9	6.5	5.8	21.7	23.6	12.1	15.3
Other job losers.....	34.1	39.0	44.1	48.1	30.1	34.4	17.4	20.9	34.1	38.8	34.2	39.4
Job leavers.....	10.4	8.2	9.0	7.3	13.9	9.9	8.0	7.6	11.0	8.6	8.4	6.8
Reentrants.....	25.0	21.8	16.6	13.6	35.0	32.0	28.2	26.5	22.9	20.6	32.4	25.9
New entrants.....	10.9	9.3	2.6	1.9	5.3	4.9	39.5	39.2	10.4	8.4	12.9	12.6
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate.....	7.7	9.5	6.8	9.0	6.4	7.7	19.8	22.7	6.8	8.4	13.6	16.7
Job loser rate <sup>1</sup> .....	4.1	5.8	4.9	6.9	2.9	4.2	4.9	6.1	3.8	5.3	6.2	9.2
Job leaver rate <sup>1</sup> .....	.8	.8	.6	.7	.9	.8	1.6	1.7	.8	.7	1.1	1.1
Reentrant rate <sup>1</sup> .....	1.9	2.1	1.1	1.2	2.2	2.5	5.5	6.0	1.6	1.7	4.4	4.3
New entrant rate <sup>1</sup> .....	.8	.9	.2	.2	.3	.4	7.8	8.9	.7	.7	1.8	2.1

<sup>1</sup> Unemployment rates are calculated as a percent of the civilian labor force.

## A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

[Percent distribution]

Reason, sex, and age	March 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total <sup>1</sup>	15 to 26 weeks	27 weeks and over
<b>Total, 16 years and over.....</b>	<b>10,290</b>	<b>100.0</b>	<b>33.9</b>	<b>32.8</b>	<b>33.3</b>	<b>19.0</b>	<b>14.3</b>
Job losers.....	6,246	100.0	28.2	33.5	38.3	23.1	15.1
On layoff.....	2,238	100.0	35.7	34.6	29.7	22.3	7.4
Other job losers.....	4,008	100.0	24.0	32.9	43.0	23.6	19.4
Job leavers.....	840	100.0	37.3	33.8	28.9	13.1	15.8
Reentrants.....	2,242	100.0	44.0	31.7	24.4	12.2	12.2
New entrants.....	962	100.0	44.2	30.0	25.9	12.7	13.2
<b>Males, 20 years and over.....</b>	<b>5,167</b>	<b>100.0</b>	<b>26.8</b>	<b>33.5</b>	<b>39.7</b>	<b>22.7</b>	<b>17.0</b>
Job losers.....	3,991	100.0	26.1	32.9	41.0	24.7	16.3
On layoff.....	1,505	100.0	34.2	33.3	32.5	24.8	7.8
Other job losers.....	2,486	100.0	21.2	32.7	46.1	24.7	21.4
Job leavers.....	375	100.0	24.9	33.7	41.4	17.4	24.0
Reentrants.....	701	100.0	33.0	36.5	30.5	13.7	16.8
New entrants.....	100	100.0	18.6	34.2	47.2	25.6	21.6
<b>Females, 20 years and over.....</b>	<b>3,346</b>	<b>100.0</b>	<b>38.2</b>	<b>32.5</b>	<b>29.3</b>	<b>16.6</b>	<b>12.7</b>
Job losers.....	1,781	100.0	31.5	33.3	35.2	20.4	14.7
On layoff.....	631	100.0	39.4	34.9	25.7	18.2	7.5
Other job losers.....	1,150	100.0	27.2	32.4	40.4	21.6	18.7
Job leavers.....	330	100.0	44.9	33.3	21.8	11.2	10.6
Reentrants.....	1,070	100.0	46.5	31.0	22.6	12.4	10.2
New entrants.....	165	100.0	41.7	32.6	25.7	14.3	11.4
<b>Both sexes, 16 to 19 years.....</b>	<b>1,777</b>	<b>100.0</b>	<b>46.4</b>	<b>31.5</b>	<b>22.2</b>	<b>12.4</b>	<b>9.8</b>
Job losers.....	475	100.0	33.4	39.7	26.9	19.9	7.0
On layoff.....	103	100.0	35.5	52.1	12.4	10.2	2.2
Other job losers.....	372	100.0	32.8	36.3	30.9	22.5	8.3
Job leavers.....	135	100.0	53.3	34.9	11.7	6.2	5.5
Reentrants.....	471	100.0	54.5	26.1	19.4	9.5	9.9
New entrants.....	697	100.0	48.4	28.8	22.8	10.4	12.4

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## A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	MARCH 1982								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	10,290	7,927	24.2	5.4	77.0	36.8	18.2	4.9	1.67
16 to 19 years .....	1,777	1,663	16.1	2.4	83.2	27.7	16.4	3.0	1.49
20 to 24 years .....	2,385	1,908	27.0	5.3	76.1	35.5	17.0	3.6	1.65
25 to 34 years .....	2,896	2,085	28.0	7.0	74.8	43.5	21.5	4.9	1.80
35 to 44 years .....	1,465	1,027	26.5	6.6	77.9	41.5	17.3	5.4	1.75
45 to 54 years .....	985	685	25.0	5.5	74.0	37.2	17.5	7.6	1.67
55 to 64 years .....	673	479	19.2	6.5	72.7	36.1	18.2	11.1	1.64
65 years and over .....	109	81	17.3	4.9	70.4	19.8	14.8	8.6	1.36
<b>Males, 16 years and over</b> .....	6,206	4,530	26.1	5.5	78.2	34.4	19.3	6.0	1.69
16 to 19 years .....	1,039	954	18.3	2.7	80.7	27.5	17.1	3.6	1.50
20 to 24 years .....	1,490	1,139	30.7	5.4	77.7	33.5	18.4	3.5	1.69
25 to 34 years .....	1,769	1,179	29.4	6.3	76.7	42.6	22.6	6.0	1.84
35 to 44 years .....	852	540	29.8	8.3	79.6	38.9	19.8	6.3	1.83
45 to 54 years .....	560	370	24.6	5.4	78.6	30.0	18.6	12.2	1.69
55 to 64 years .....	420	289	16.3	5.5	75.1	29.1	18.3	15.2	1.60
65 years and over .....	77	59	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>Females, 16 years and over</b> .....	4,084	3,397	21.6	5.4	75.5	39.9	16.7	3.5	1.63
16 to 19 years .....	738	709	13.3	2.0	86.7	28.2	15.5	2.3	1.48
20 to 24 years .....	895	769	21.5	5.2	73.7	38.5	14.8	3.9	1.58
25 to 34 years .....	1,127	906	25.9	7.8	72.3	44.8	20.2	3.4	1.75
35 to 44 years .....	613	486	22.8	4.5	75.9	44.4	14.6	4.3	1.67
45 to 54 years .....	425	315	25.4	5.7	68.3	45.7	16.2	2.2	1.63
55 to 64 years .....	253	190	23.7	7.9	68.4	46.8	17.9	4.7	1.69
65 years and over .....	32	22	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White, 16 years and over</b> .....	8,013	6,009	22.8	5.2	77.4	38.9	18.3	4.9	1.68
Males .....	4,924	3,497	25.0	5.2	78.8	36.1	19.2	6.0	1.70
Females .....	3,088	2,513	19.9	5.2	75.3	42.7	17.0	3.5	1.64
<b>Black and other, 16 years and over</b> .....	2,277	1,918	28.2	6.0	76.0	30.2	18.0	4.8	1.63
Males .....	1,281	1,034	29.7	6.2	75.9	28.6	19.7	5.9	1.66
Females .....	996	884	26.5	5.9	76.2	32.1	16.0	3.5	1.60

<sup>1</sup> Percent not shown where base is less than 75,000.

waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

## A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	MARCH 1982								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	10,290	7,927	24.2	5.4	77.0	36.8	18.2	4.9	1.67
Job losers .....	6,246	3,989	30.4	5.9	77.3	38.1	21.1	5.5	1.78
Job leavers .....	840	831	20.3	6.3	75.5	44.0	18.2	2.4	1.67
Reentrants .....	2,242	2,147	19.0	5.2	76.0	37.5	14.9	5.4	1.58
New entrants .....	962	950	13.1	3.1	79.8	23.4	13.6	3.7	1.37
<b>Males, 16 years and over</b> .....	6,206	4,530	26.1	5.5	78.2	34.4	19.3	6.0	1.69
Job losers .....	4,322	2,702	30.9	6.3	77.9	34.8	21.2	6.8	1.78
Job leavers .....	449	441	18.4	3.6	78.7	44.2	19.0	2.5	1.66
Reentrants .....	967	919	21.5	5.5	77.8	34.4	16.2	6.2	1.62
New entrants .....	468	458	14.1	1.9	79.7	23.3	15.0	4.5	1.38
<b>Females, 16 years and over</b> .....	4,084	3,397	21.6	5.4	75.5	39.9	16.7	3.5	1.63
Job losers .....	1,924	1,287	29.4	5.1	75.8	45.1	20.8	2.8	1.79
Job leavers .....	391	390	22.3	9.2	71.8	43.8	17.2	2.3	1.67
Reentrants .....	1,275	1,228	17.0	4.8	74.7	39.9	13.9	4.6	1.55
New entrants .....	494	492	12.0	4.3	79.9	23.6	12.6	3.0	1.35

NOTE: See note, table A-15.

# HOUSEHOLD DATA

## A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	8,271	10,290	100.0	100.0	6,741	8,651	100.0	100.0
Less than 5 weeks	2,987	3,485	36.1	33.9	2,159	2,658	32.0	30.7
5 to 14 weeks	2,646	3,377	32.0	32.8	2,198	2,850	32.6	32.9
15 to 26 weeks	1,743	2,125	21.1	20.7	1,439	1,763	20.9	20.4
27 weeks and over	903	1,253	10.9	12.2	790	1,087	11.7	12.6
Average (mean) duration, in weeks	15.1	15.1	--	--	16.4	16.2	--	--
Median duration, in weeks	8.9	9.6	--	--	10.1	10.7	--	--

## A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over			Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
	March 1982										
Total, 16 years and over	10,290	3,485	3,377	1,951	1,476	15.1	9.5	36.1	33.9	31.9	33.3
16 to 21 years	2,782	1,165	892	404	321	12.4	7.1	43.2	41.9	23.6	26.1
16 to 19 years	1,777	825	559	220	174	11.0	5.9	46.1	46.4	22.2	22.2
20 to 24 years	2,385	762	826	473	325	14.8	10.3	37.6	31.9	28.8	33.5
25 to 34 years	2,896	913	954	630	399	15.9	10.4	32.8	31.5	34.7	35.5
35 to 44 years	1,465	486	443	283	253	16.3	10.2	32.1	33.2	38.1	36.6
45 to 54 years	985	282	333	190	180	17.2	10.6	29.0	28.6	40.7	37.6
55 to 64 years	673	189	222	133	129	18.2	10.9	31.0	28.1	37.3	39.0
65 years and over	109	29	41	22	17	17.5	11.4	34.0	27.0	33.2	35.2
Males, 16 years and over	6,206	1,838	2,068	1,318	982	16.5	11.0	30.8	29.6	37.0	37.1
16 to 21 years	1,650	618	562	267	202	13.2	8.3	38.4	37.5	27.1	28.5
16 to 19 years	1,039	454	337	144	105	11.3	6.5	41.2	43.7	26.2	23.9
20 to 24 years	1,490	399	527	351	214	16.2	11.8	31.2	26.7	32.7	37.9
25 to 34 years	1,769	466	602	425	275	17.2	11.6	27.8	26.4	39.7	39.6
35 to 44 years	852	250	254	176	172	18.4	11.9	28.6	29.4	43.8	40.8
45 to 54 years	560	148	178	115	118	19.1	12.4	21.4	26.5	51.0	41.7
55 to 64 years	420	102	137	92	83	19.4	12.7	27.1	24.4	43.8	43.1
65 years and over	77	18	33	15	10	17.9	12.1	(1)	23.6	(1)	32.8
Females, 16 years and over	4,084	1,647	1,309	633	494	13.1	7.5	43.5	40.3	24.7	27.6
16 to 21 years	1,132	547	329	136	119	11.1	5.4	50.1	48.4	18.6	22.5
16 to 19 years	738	371	222	77	69	10.6	5.0	52.6	50.2	17.0	19.7
20 to 24 years	895	363	298	122	111	12.4	7.2	48.3	40.6	22.2	26.1
25 to 34 years	1,127	446	352	204	124	13.7	8.2	39.5	39.6	28.0	29.1
35 to 44 years	613	235	190	108	81	13.4	7.7	36.7	38.4	30.7	30.7
45 to 54 years	425	134	155	75	61	14.7	8.9	39.1	31.5	26.9	32.1
55 to 64 years	253	87	85	41	41	16.1	8.8	36.0	34.2	28.9	32.2
65 years and over	32	11	8	7	6	17.3	9.2	(1)	(1)	(1)	(1)
White, 16 years and over	8,013	2,717	2,690	1,562	1,044	14.5	9.5	36.2	33.9	31.2	32.5
Males	4,924	1,468	1,661	1,066	729	16.3	10.9	31.3	29.8	36.2	36.5
Females	3,088	1,250	1,029	495	315	12.3	7.2	43.6	40.5	23.7	26.2
Black and other, 16 years and over	2,277	768	687	389	432	17.3	10.1	35.8	33.7	34.1	36.1
Males	1,281	370	407	251	253	18.5	11.5	28.8	28.9	40.5	39.4
Females	996	398	281	138	179	15.7	8.3	43.2	40.0	27.5	31.9
Males, 16 years and over:											
Married, spouse present	2,634	755	861	590	428	16.8	11.3	28.4	28.7	42.4	38.7
Widowed, divorced, or separated	713	174	251	148	140	18.9	12.5	24.9	24.4	42.5	40.4
Single (never married)	2,858	909	956	580	414	15.6	10.4	34.1	31.8	31.5	34.7
Females, 16 years and over:											
Married, spouse present	1,773	688	598	308	179	12.3	7.6	43.6	38.8	24.4	27.4
Widowed, divorced, or separated	855	339	256	133	125	14.1	8.2	36.0	39.7	31.0	30.3
Single (never married)	1,456	620	455	192	189	13.5	6.9	47.5	42.6	21.6	26.2

<sup>1</sup> Percent not shown where base is less than 75,000.



## A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	6 to 14 weeks	15 to 26 weeks	27 weeks and over			Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
	March 1982							Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
<b>OCCUPATION</b>											
White-collar workers .....	2,577	894	904	425	354	14.4	8.3	39.6	34.7	26.3	30.2
Professional and managerial .....	845	259	286	150	151	16.4	10.4	36.6	30.7	28.6	35.6
Sales workers .....	392	153	142	71	25	11.7	8.0	36.7	39.1	28.8	24.6
Clerical workers .....	1,340	481	476	204	173	14.0	8.2	42.2	35.9	24.2	28.5
Blue-collar workers .....	5,060	1,501	1,668	1,133	758	16.1	11.2	30.6	29.7	38.2	37.4
Craft and kindred workers .....	1,547	419	548	361	219	16.2	11.6	32.2	27.1	37.1	37.5
Operatives, except transport .....	1,951	627	661	416	247	14.3	10.1	30.8	32.2	40.1	34.0
Transport equipment operatives .....	466	132	142	101	91	17.8	12.0	30.5	28.4	34.3	41.1
Nonfarm laborers .....	1,096	323	317	255	201	17.8	12.4	28.1	29.4	38.5	41.6
Service workers .....	1,504	574	462	239	229	14.8	8.2	39.2	38.2	25.6	31.1
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	270	111	86	57	16	11.2	7.2	38.2	41.1	30.6	27.0
Construction .....	1,249	338	455	322	155	15.9	12.5	27.2	24.6	34.8	38.9
Manufacturing .....	2,608	777	847	588	396	16.3	11.2	32.5	29.8	40.9	37.7
Durable goods .....	1,560	445	492	364	259	17.5	12.0	29.8	28.5	44.3	40.0
Non-durable goods .....	1,048	333	355	224	136	14.4	10.0	36.7	31.8	36.0	34.4
Transportation and public utilities .....	390	119	118	84	59	17.4	10.9	27.9	30.4	36.1	39.2
Wholesale and retail trade .....	2,091	778	761	328	225	13.2	7.6	38.9	37.2	23.6	26.4
Finance and service industries .....	2,057	746	627	342	342	15.2	8.8	39.5	36.3	27.7	33.3
Public administration .....	274	72	70	51	81	22.6	14.3	32.7	26.3	37.3	48.3
No previous work experience .....	963	426	288	122	127	13.3	6.6	47.4	44.2	26.2	25.8

<sup>1</sup> Includes wage and salary workers only.

## A-20. Employed persons by industry, age, and sex

[In thousands]

Industry and age	Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
	<b>All industries</b> .....	99,364	98,471	56,577	55,533	42,786
16 to 19 years .....	6,766	6,043	3,548	3,114	3,219	2,929
18 to 17 years .....	2,586	2,255	1,347	1,160	1,239	1,095
18 to 19 years .....	4,181	3,788	2,201	1,954	1,980	1,834
20 to 24 years .....	13,771	13,428	7,268	6,995	6,504	6,433
25 to 54 years .....	64,268	64,691	35,982	36,883	27,287	27,809
25 to 34 years .....	28,040	28,143	15,095	15,919	11,945	12,224
35 to 44 years .....	19,876	20,595	11,422	11,731	8,454	8,864
45 to 54 years .....	16,352	15,953	9,465	9,233	6,887	6,721
55 to 64 years .....	11,600	11,395	6,976	6,756	4,623	4,639
55 to 59 years .....	7,139	7,021	4,293	4,143	2,845	2,877
60 to 64 years .....	4,461	4,374	2,683	2,613	1,778	1,762
65 years and over .....	2,958	2,914	1,804	1,785	1,154	1,129
<b>Nonagricultural industries</b> .....	96,410	95,507	54,173	53,123	42,237	42,384
16 to 19 years .....	6,390	5,798	3,317	2,899	3,173	2,899
18 to 17 years .....	2,465	2,129	1,246	1,052	1,219	1,077
18 to 19 years .....	4,025	3,669	2,070	1,847	1,954	1,822
20 to 24 years .....	13,441	13,082	5,997	6,719	6,444	6,363
25 to 54 years .....	62,688	63,047	35,737	35,590	26,951	27,458
25 to 34 years .....	27,452	27,433	15,622	15,363	11,831	12,070
35 to 44 years .....	19,362	20,117	11,026	11,350	8,336	8,767
45 to 54 years .....	15,874	15,497	9,090	8,877	6,784	6,621
55 to 64 years .....	11,133	10,934	6,579	6,371	4,554	4,563
55 to 59 years .....	6,885	6,782	4,085	3,952	2,800	2,830
60 to 64 years .....	4,249	4,152	2,494	2,420	1,754	1,733
65 years and over .....	2,658	2,646	1,544	1,544	1,113	1,102
<b>Agriculture</b> .....	2,953	2,964	2,404	2,410	549	554
16 to 19 years .....	276	245	231	215	45	30
18 to 17 years .....	121	126	101	108	20	18
18 to 19 years .....	156	119	130	107	25	12
20 to 24 years .....	330	346	271	276	59	70
25 to 54 years .....	1,580	1,644	1,245	1,292	336	351
25 to 34 years .....	588	710	473	556	114	154
35 to 44 years .....	514	478	395	381	118	97
45 to 54 years .....	478	456	375	356	103	100
55 to 64 years .....	466	461	398	385	69	76
55 to 59 years .....	254	239	209	192	45	47
60 to 64 years .....	213	222	189	193	24	29
65 years and over .....	300	269	260	241	40	27

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## A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
	<b>TOTAL</b>	99,364	98,471	53,030	52,418	39,567	40,010	3,548	3,114	3,219
White-collar workers	53,142	53,052	24,046	24,057	26,686	26,888	562	546	1,743	1,562
Professional and technical	16,542	16,992	9,073	9,212	7,296	7,631	81	69	92	80
Health workers	3,094	3,206	1,017	1,096	2,061	2,088	6	5	10	17
Teachers, except college	3,369	3,462	979	1,023	2,369	2,416	6	5	15	17
Other professional and technical	10,079	10,324	7,077	7,093	2,866	3,127	69	57	67	46
Managers and administrators, except farm	11,771	11,368	8,490	8,227	3,179	3,061	70	51	32	30
Salaried workers	9,830	9,560	7,050	6,901	2,684	2,581	66	48	30	30
Self-employed workers in retail trade	861	831	542	532	315	297	4	1	--	--
Self-employed workers, except retail trade	1,080	978	898	794	180	182	1	2	1	--
Sales workers	6,267	6,518	3,243	3,331	2,440	2,596	190	216	394	375
Retail trade	3,140	3,234	991	986	1,671	1,747	131	156	347	345
Other industries	3,127	3,284	2,252	2,345	769	849	59	60	47	30
Clerical workers	18,562	18,173	3,239	3,287	13,772	13,600	321	210	1,231	1,077
Stenographers, typists, and secretaries	5,082	4,791	70	56	4,702	4,487	9	3	300	245
Other clerical workers	13,480	13,382	3,169	3,231	9,070	9,113	312	207	931	832
Blue-collar workers	30,286	29,445	22,952	22,305	5,342	5,378	1,736	1,520	255	243
Craft and kindred workers	12,479	12,186	11,337	11,094	749	777	361	286	33	29
Carpenters	1,054	1,062	1,012	1,016	13	13	29	33	--	--
Construction craft workers, except carpenters	2,490	2,296	2,372	2,204	42	39	74	51	1	2
Mechanics and repairers	3,399	3,428	3,188	3,269	49	59	160	99	2	--
Metal craft workers	1,319	1,196	1,219	1,121	70	38	27	33	2	4
Blue-collar worker supervisors, not elsewhere classified	1,872	1,689	1,646	1,463	207	217	8	6	11	3
All other	2,345	2,514	1,899	2,021	367	411	61	64	19	19
Operatives, except transport	10,292	9,702	5,742	5,339	3,901	3,814	505	403	143	146
Durable goods manufacturing	4,596	4,161	2,896	2,617	1,515	1,388	137	111	47	45
Nondurable goods manufacturing	3,241	3,090	1,290	1,180	1,794	1,785	86	65	71	61
Other industries	2,455	2,450	1,556	1,542	591	641	282	226	25	41
Transport equipment operatives	3,333	3,332	2,954	2,885	273	310	141	130	11	6
Drivers, motor vehicles	2,931	2,889	2,533	2,507	263	266	124	110	12	5
All other	452	443	421	379	15	44	17	20	--	--
Nonfarm laborers	4,132	4,225	2,920	2,985	414	475	730	701	68	62
Construction	639	654	555	557	7	20	76	74	1	3
Manufacturing	953	917	717	707	150	139	81	65	5	5
Other industries	2,540	2,654	1,647	1,722	257	317	573	561	63	53
Service workers	13,500	13,559	4,183	4,198	7,175	7,390	956	867	1,185	1,103
Private household workers	1,099	1,057	28	13	864	829	22	13	185	195
Service workers, except private household	12,401	12,502	4,155	4,185	5,311	6,561	934	854	1,000	907
Food service workers	4,568	4,674	956	1,007	2,325	2,448	605	569	680	649
Protective service workers	1,478	1,521	1,303	1,335	133	156	27	24	9	7
All other	6,355	6,307	1,896	1,839	3,847	3,957	302	261	311	251
Farm workers	2,436	2,416	1,849	1,353	364	354	194	182	30	21
Farmers and farm managers	1,413	1,390	1,253	1,226	139	149	19	13	1	1
Farm laborers and supervisors	1,024	1,026	595	633	225	205	174	169	29	20
Paid workers	800	823	559	598	96	91	125	119	21	14
Unpaid family workers	224	203	36	35	129	114	50	50	8	6

## A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
<b>TOTAL</b>						
Total, 16 years and over (thousands)	99,364	99,471	56,577	55,533	42,786	42,939
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.5	53.9	43.7	44.3	66.5	66.3
Professional and technical	16.6	17.3	16.2	16.7	17.3	18.0
Managers and administrators, except farm	11.8	11.5	15.1	14.9	7.5	7.2
Sales workers	6.3	6.6	5.1	6.4	6.5	6.9
Clerical workers	18.7	18.5	5.3	6.3	35.1	34.2
Blue-collar workers	30.5	29.9	43.6	42.9	13.1	13.1
Craft and kindred workers	12.6	12.4	20.7	20.5	1.8	1.9
Operatives, except transport	10.4	9.9	11.0	10.3	9.5	9.2
Transport equipment operatives	3.4	3.4	3.5	5.4	.7	.7
Nonfarm laborers	4.2	4.3	6.5	6.6	1.1	1.3
Service workers	13.6	13.8	9.1	9.1	19.5	19.8
Private household workers	1.1	1.1	.1	.1	2.5	2.4
Other service workers	12.5	12.7	9.0	9.1	17.1	17.4
Farm workers	2.5	2.5	3.6	3.7	.9	.9
Farmers and farm managers	1.4	1.4	2.2	2.2	.3	.3
Farm laborers and supervisors	1.0	1.0	1.4	1.4	.6	.5
<b>White</b>						
Total, 16 years and over (thousands)	87,755	87,088	50,481	49,686	37,274	37,402
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	55.1	55.4	45.3	45.7	68.4	68.4
Professional and technical	17.1	17.6	15.7	17.1	17.6	18.3
Managers and administrators, except farm	12.6	12.3	15.0	15.7	8.0	7.8
Sales workers	6.8	7.1	6.5	6.8	7.1	7.5
Clerical workers	18.7	18.4	5.1	6.0	35.7	34.8
Blue-collar workers	30.0	29.4	42.8	42.2	12.7	12.4
Craft and kindred workers	12.9	12.8	21.1	21.0	1.9	1.9
Operatives, except transport	9.9	9.3	10.7	9.9	9.0	8.5
Transport equipment operatives	3.2	3.2	3.1	5.1	.7	.7
Nonfarm laborers	3.9	4.0	5.0	6.1	1.1	1.2
Service workers	12.3	12.6	8.2	8.4	17.9	18.3
Private household workers	.8	.8	.1	(1)	1.9	1.9
Other service workers	11.5	11.8	8.1	8.4	16.0	16.3
Farm workers	2.6	2.5	3.7	3.7	1.0	1.0
Farmers and farm managers	1.6	1.6	2.4	2.4	.4	.4
Farm laborers and supervisors	1.0	1.0	1.3	1.3	.6	.6
<b>Black and other</b>						
Total, 16 years and over (thousands)	11,609	11,383	6,097	5,847	5,512	5,537
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	41.1	41.9	30.2	32.5	53.2	51.9
Professional and technical	13.5	14.3	12.0	13.3	15.1	15.4
Managers and administrators, except farm	6.1	5.8	7.8	8.1	4.2	3.4
Sales workers	2.8	2.9	2.3	2.5	3.4	3.3
Clerical workers	18.7	18.9	8.0	8.6	30.5	29.7
Blue-collar workers	34.0	33.8	50.5	49.0	15.7	17.8
Craft and kindred workers	9.7	8.9	17.1	15.8	1.5	1.5
Operatives, except transport	13.5	13.9	14.2	13.7	12.7	14.0
Transport equipment operatives	4.8	4.6	8.7	8.2	.5	.8
Nonfarm laborers	6.0	6.5	10.4	11.3	1.1	1.4
Service workers	23.3	22.4	16.7	15.3	30.7	30.0
Private household workers	3.1	2.8	.3	.3	6.3	5.5
Other service workers	20.2	19.6	15.4	15.0	24.4	24.5
Farm workers	1.6	1.8	2.7	3.3	.5	.3
Farmers and farm managers	.3	.4	.6	.6	(1)	.1
Farm laborers and supervisors	1.3	1.5	2.1	2.7	.4	.2

1 Less than 0.05 percent.

# HOUSEHOLD DATA

## A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	March 1982								
	Nonagricultural industries				Agriculture				
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	87,951	1,167	15,771	71,013	7,083	473	1,236	1,508	219
16 to 19 years	5,681	240	382	5,058	88	30	169	21	55
16 to 17 years	2,078	163	103	1,812	41	11	74	11	40
18 to 19 years	3,603	76	280	3,247	47	19	94	10	15
20 to 24 years	12,696	115	1,403	11,178	358	27	238	81	27
25 to 34 years	25,655	145	4,477	21,033	1,639	79	352	309	50
35 to 44 years	18,182	148	3,929	14,106	1,799	135	203	250	25
45 to 54 years	13,958	176	3,182	10,600	1,444	96	141	285	30
55 to 64 years	9,708	186	2,047	7,475	1,152	73	103	336	22
65 to 69 years	6,062	108	1,290	4,663	677	43	65	158	16
70 to 74 years	3,646	78	757	2,812	476	30	38	178	6
75 years and over	2,071	157	352	1,562	542	33	31	227	11
<b>Males, 16 years and over</b>	<b>48,261</b>	<b>118</b>	<b>7,711</b>	<b>40,431</b>	<b>4,794</b>	<b>68</b>	<b>995</b>	<b>1,324</b>	<b>90</b>
16 to 19 years	2,825	49	170	2,605	56	19	146	20	50
16 to 17 years	1,014	29	50	936	29	9	61	10	37
18 to 19 years	1,811	20	120	1,670	27	10	85	10	13
20 to 24 years	6,485	3	576	5,906	229	5	185	75	15
25 to 34 years	14,224	8	2,105	12,112	1,126	13	279	264	13
35 to 44 years	10,154	12	1,972	8,170	1,194	2	163	213	5
45 to 54 years	7,880	17	1,664	6,199	991	5	115	240	--
55 to 64 years	5,542	13	1,028	4,502	922	7	76	306	2
65 to 69 years	3,472	7	645	2,820	476	4	47	144	--
70 to 74 years	2,070	5	383	1,682	346	3	29	162	2
75 years and over	1,150	17	196	937	376	17	29	206	6
<b>Females, 16 years and over</b>	<b>39,691</b>	<b>1,049</b>	<b>8,060</b>	<b>30,581</b>	<b>2,289</b>	<b>405</b>	<b>241</b>	<b>184</b>	<b>129</b>
16 to 19 years	2,856	191	212	2,453	32	11	23	1	5
16 to 17 years	1,064	135	53	876	11	2	13	1	4
18 to 19 years	1,792	56	159	1,577	21	9	10	--	2
20 to 24 years	6,211	112	827	5,272	130	22	52	6	12
25 to 34 years	11,431	137	2,372	8,922	573	66	73	45	37
35 to 44 years	8,028	136	1,956	5,935	605	133	40	37	21
45 to 54 years	6,077	159	1,517	4,401	453	91	26	44	30
55 to 64 years	4,166	174	1,019	2,974	330	66	26	30	20
65 to 69 years	2,590	101	645	1,844	201	39	17	14	16
70 to 74 years	1,576	73	374	1,130	130	27	9	16	4
75 years and over	921	140	156	625	166	15	2	21	5

## A-24. Employed persons by industry and occupation

[In thousands]

Industry	March 1982											
	Total employed	White-collar workers				Blue-collar workers				Service workers		Farm workers
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,964	76	32	2	80	57	9	28	238	--	26	2,415
Mining	1,101	193	123	10	124	221	341	50	24	--	15	--
Construction	5,393	182	732	29	431	2,995	219	119	654	--	33	--
Manufacturing	20,681	2,616	1,671	485	2,571	4,073	7,252	715	917	--	381	--
Durable goods	12,370	1,782	995	177	1,500	2,705	4,161	338	514	--	196	--
Non-durable goods	8,311	833	676	308	1,071	1,368	3,090	376	403	--	184	--
Transportation and public utilities	6,408	624	659	92	1,481	1,389	120	1,425	427	--	191	--
Wholesale and retail trade	20,205	467	3,894	4,261	3,449	1,432	887	710	1,300	--	3,804	--
Wholesale trade	4,200	183	906	1,027	857	349	195	355	291	--	35	--
Retail trade	16,005	284	2,988	3,234	2,592	1,083	692	354	1,009	--	3,769	--
Finance, insurance, and real estate	6,236	403	1,250	1,413	2,736	111	9	6	79	--	229	--
Services	30,240	11,424	2,274	218	5,509	1,639	803	217	452	1,057	6,646	--
Private households	1,232	13	--	--	20	2	1	8	81	1,057	49	--
Other service industries	29,008	11,411	2,274	218	5,489	1,636	802	209	371	--	6,597	--
Public administration	5,244	1,006	734	8	1,791	269	63	62	134	--	1,177	--

**A-25. Employed persons with a job but not at work by reason, sex, and pay status**

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers <sup>1</sup>			
	Mar. 1981				Mar. 1982		Paid absences <sup>2</sup>	
			Mar. 1981	Mar. 1982			Mar. 1981	Mar. 1982
Total, 16 years and over . . . . .	4,048	4,113	3,905	3,970	1,776	1,722	1,565	1,655
Vacation . . . . .	1,493	1,430	1,461	1,392	969	884	331	361
Illness . . . . .	1,466	1,418	1,410	1,399	589	615	677	647
Bad weather . . . . .	101	191	79	136	--	--	--	--
Industrial dispute . . . . .	34	18	34	18	--	--	--	--
All other reasons . . . . .	955	1,056	921	1,025	218	223	557	648
Males, 16 years and over . . . . .	2,162	2,214	2,037	2,039	1,007	1,013	666	729
Vacation . . . . .	797	785	768	756	538	537	131	147
Illness . . . . .	808	743	762	727	363	348	303	301
All other reasons <sup>3</sup> . . . . .	557	686	507	605	106	128	232	281
Females, 16 years and over . . . . .	1,886	1,899	1,868	1,881	768	708	899	927
Vacation . . . . .	696	645	693	636	431	347	200	214
Illness . . . . .	657	675	648	672	226	267	374	347
All other reasons <sup>3</sup> . . . . .	533	579	528	573	112	94	325	367

<sup>1</sup> Excludes private household workers.

<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.

<sup>2</sup> Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

**A-26. Persons at work by hours of work and industry**

Hours of work	March 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over . . . . .	94,358	91,537	2,820	100.0	100.0	100.0
1-34 hours . . . . .	24,037	23,089	947	25.5	25.2	33.6
1-4 hours . . . . .	867	840	26	.9	.9	.9
5-14 hours . . . . .	4,655	4,418	237	4.9	4.8	8.4
15-29 hours . . . . .	11,770	11,309	461	12.5	12.4	16.3
30-34 hours . . . . .	6,745	6,522	223	7.1	7.1	7.9
35 hours and over . . . . .	70,321	68,448	1,874	74.5	74.8	66.4
35-39 hours . . . . .	7,087	6,927	160	7.5	7.6	5.7
40 hours . . . . .	40,511	40,031	480	42.9	43.7	17.0
41 hours and over . . . . .	22,723	21,490	1,234	24.1	23.5	43.7
41 to 48 hours . . . . .	8,830	8,586	244	9.4	9.4	8.6
49 to 59 hours . . . . .	7,946	7,579	367	8.4	8.3	13.0
60 hours and over . . . . .	5,947	5,325	623	6.3	5.8	22.1
Average hours, total at work . . . . .	38.1	38.0	42.0	--	--	--
Average hours, workers on full-time schedules . . . . .	42.9	42.7	49.8	--	--	--

## HOUSEHOLD DATA

### A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	March 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
<b>Total, 16 years and over</b> .....	24,037	6,959	17,078	23,089	6,573	16,517
<b>Economic reasons</b> .....	5,749	2,382	3,367	5,476	2,226	3,250
Slack work .....	3,225	2,123	1,102	3,008	1,957	1,041
Material shortages or repairs to plant and equipment .....	49	49	--	49	49	--
New job started during week .....	140	140	--	140	140	--
Job terminated during week .....	69	59	--	69	69	--
Could find only part-time work .....	2,265	--	2,265	2,209	--	2,209
<b>Other reasons</b> .....	18,287	4,576	13,711	17,613	4,346	13,267
Does not want, or unavailable for, full-time work .....	11,744	--	11,744	11,411	--	11,411
Vacation .....	740	740	--	730	730	--
Illness .....	2,019	1,849	170	1,987	1,836	151
Bad weather .....	423	423	--	278	278	--
Industrial dispute .....	2	2	--	2	2	--
Legal or religious holiday .....	85	35	--	84	84	--
Full time for this job .....	1,325	--	1,325	1,279	--	1,279
All other reasons .....	1,949	1,478	471	1,843	1,418	425
<b>Average hours:</b>						
Economic reasons .....	22.1	25.0	20.1	22.2	25.2	20.2
Other reasons .....	20.5	26.3	18.6	20.6	26.5	18.7
<b>Worked 30 to 34 hours:</b>						
Economic reasons .....	1,876	1,110	766	1,799	1,059	740
Other reasons .....	4,869	2,478	2,391	4,723	2,409	2,314

### A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	March 1982								Average hours, total at work	Average hours, workers on full-time schedules
	Full- or part-time status									
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules						
Total				40 hours or less	41 to 48 hours	49 hours or more				
<b>Total, 16 years and over</b> <sup>1</sup> .....	91,537	5,476	13,267	72,794	51,304	8,586	12,904	38.0	42.7	
<b>Wage and salary workers</b> .....	84,536	4,783	11,916	67,837	49,049	8,053	10,735	37.8	42.3	
Construction .....	4,092	405	163	3,524	2,715	311	498	38.8	41.6	
Manufacturing .....	19,519	1,038	648	17,833	13,434	2,251	2,148	40.1	41.6	
Durable goods .....	11,659	448	265	10,946	8,265	1,389	1,292	40.7	41.6	
Nondurable goods .....	7,860	589	382	6,839	5,171	862	856	39.3	41.6	
Transportation and public utilities .....	5,793	240	331	5,222	3,692	612	918	40.7	42.9	
Wholesale and retail trade .....	17,601	1,405	4,521	11,675	7,559	1,730	2,386	35.3	43.2	
Finance, insurance, and real estate .....	5,555	146	515	4,834	3,719	506	669	38.9	41.4	
<b>Service industries</b> .....	25,910	1,423	5,432	19,055	13,744	2,077	3,234	36.1	42.4	
Private households .....	1,130	207	528	395	246	65	84	24.6	45.3	
All other industries .....	24,780	1,216	4,904	18,650	13,498	2,012	3,150	36.6	42.3	
Public administration .....	5,071	86	288	4,697	3,657	455	585	39.9	41.6	
<b>Self-employed workers</b> .....	6,528	665	1,144	4,718	2,114	514	2,090	39.9	48.3	
Unpaid family workers .....	473	27	206	240	143	18	79	34.1	45.7	

<sup>1</sup> Includes mining, not shown separately.

## A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	March 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
<b>TOTAL</b>								
<b>Both sexes, 16 years and over</b>	91,537	5,476	13,267	72,794	51,304	21,490	38.0	42.7
16 to 21 years	10,151	1,016	4,356	4,779	3,781	998	28.0	40.5
16 to 19 years	5,589	574	3,244	1,771	1,412	359	23.7	40.4
16 to 17 years	2,048	106	1,758	184	163	24	16.0	38.3
18 to 19 years	3,541	467	1,486	1,588	1,252	336	28.1	40.6
20 years and over	85,948	4,902	10,023	71,023	49,892	21,131	38.9	42.7
20 to 24 years	12,685	1,008	2,150	9,527	7,186	2,341	36.2	41.5
25 years and over	73,263	3,895	7,874	61,494	42,705	18,789	39.3	42.9
25 to 44 years	45,750	2,450	4,203	39,097	26,786	12,311	39.9	43.0
45 to 64 years	25,089	1,327	2,476	21,286	15,175	6,111	39.4	42.7
65 years and over	2,425	116	1,195	1,114	747	367	29.3	43.2
<b>Males, 16 years and over</b>	51,035	2,506	3,953	44,576	28,434	16,142	40.9	44.0
16 to 21 years	5,107	486	2,008	2,613	1,903	710	29.6	41.7
16 to 19 years	2,797	273	1,550	974	729	245	24.9	41.3
16 to 17 years	1,014	49	858	107	93	14	16.7	39.1
18 to 19 years	1,784	224	692	868	636	232	29.5	41.5
20 years and over	48,237	2,233	2,402	43,632	27,705	15,897	41.9	44.1
20 to 24 years	6,531	500	842	5,189	3,569	1,620	38.1	42.8
25 years and over	41,706	1,734	1,560	38,412	24,137	14,275	42.5	44.2
25 to 44 years	25,826	1,113	525	24,188	14,901	9,288	43.1	44.5
45 to 64 years	14,467	572	403	13,492	8,772	4,720	42.5	43.9
65 years and over	1,413	49	632	732	466	266	31.3	43.4
<b>Females, 16 years and over</b>	40,503	2,969	9,314	28,220	22,871	5,349	34.2	40.5
16 to 21 years	5,044	532	2,347	2,165	1,877	288	26.5	39.2
16 to 19 years	2,792	301	1,693	798	684	114	22.5	39.3
16 to 17 years	1,035	58	900	77	67	10	15.3	37.2
18 to 19 years	1,757	243	793	721	617	104	26.8	39.5
20 years and over	37,711	2,668	7,621	27,422	22,188	5,234	35.0	40.5
20 to 24 years	6,153	538	1,308	4,337	3,616	721	34.2	40.0
25 years and over	31,558	2,161	6,313	23,084	18,570	4,514	35.2	40.6
25 to 44 years	19,924	1,339	3,677	14,908	11,887	3,021	35.6	40.6
45 to 64 years	13,622	754	2,072	7,796	6,404	1,392	35.3	40.5
65 years and over	1,012	68	563	381	280	101	26.6	42.7
<b>RACE</b>								
<b>White</b>	80,900	4,558	12,141	64,201	44,223	19,978	38.0	42.8
Males	45,641	2,086	3,572	39,383	24,891	15,092	41.2	44.2
Females	35,258	2,472	8,569	24,217	19,333	4,884	34.0	40.6
<b>Black and other</b>	10,638	919	1,126	8,593	7,080	1,513	37.2	41.2
Males	5,393	420	381	4,592	3,543	1,049	39.1	42.3
Females	5,244	498	745	4,301	3,537	464	35.3	39.9
<b>MARITAL STATUS</b>								
<b>Males, 16 years and over:</b>								
Married, spouse present	34,798	1,322	1,144	32,332	20,075	12,257	42.7	44.3
Widowed, divorced, or separated	4,495	258	216	4,021	2,582	1,439	41.7	44.2
Single (never married)	11,742	926	2,592	8,224	5,777	2,447	35.4	42.8
<b>Females, 16 years and over:</b>								
Married, spouse present	22,481	1,574	5,462	15,445	12,754	2,691	34.1	40.2
Widowed, divorced, or separated	8,105	662	1,090	6,353	4,953	1,400	36.6	40.9
Single (never married)	9,917	734	2,763	6,420	5,162	1,258	32.5	40.6

# HOUSEHOLD DATA

## A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	March 1982								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
<b>Total, 16 years and over</b>	<b>92,059</b>	<b>5,532</b>	<b>13,366</b>	<b>73,161</b>	<b>51,525</b>	<b>8,625</b>	<b>13,011</b>	<b>38.0</b>	<b>42.6</b>
<b>White-collar workers</b>	<b>50,969</b>	<b>1,626</b>	<b>7,286</b>	<b>42,357</b>	<b>28,419</b>	<b>4,916</b>	<b>8,722</b>	<b>39.0</b>	<b>43.1</b>
Professional and technical	16,323	347	1,940	14,036	9,192	1,780	3,064	40.0	43.6
Managers and administrators, except farm	10,926	145	519	10,262	5,209	1,355	3,698	44.9	46.4
Sales workers	6,209	367	1,516	4,326	2,638	584	1,104	36.2	44.0
Clerical workers	17,511	769	3,311	13,431	11,376	1,198	857	35.3	39.9
<b>Blue-collar workers</b>	<b>28,058</b>	<b>2,412</b>	<b>1,941</b>	<b>23,705</b>	<b>17,393</b>	<b>2,962</b>	<b>3,350</b>	<b>38.9</b>	<b>42.1</b>
Craft and kindred workers	11,630	757	444	10,429	7,460	1,384	1,585	40.2	42.3
Operatives, except transport	9,280	931	496	7,853	6,199	902	752	38.6	41.3
Transport equipment operatives	3,147	235	282	2,630	1,534	370	756	41.0	45.3
Nonfarm laborers	4,001	489	719	2,793	2,230	306	257	34.2	41.0
<b>Service workers</b>	<b>13,032</b>	<b>1,494</b>	<b>4,139</b>	<b>7,399</b>	<b>5,713</b>	<b>747</b>	<b>939</b>	<b>31.8</b>	<b>41.7</b>
Private household	1,018	180	474	364	232	58	74	25.3	45.1
Other service workers	12,013	1,314	3,665	7,034	5,478	590	866	32.4	41.5
<b>Males, 16 years and over</b>	<b>51,386</b>	<b>2,537</b>	<b>3,994</b>	<b>44,855</b>	<b>28,593</b>	<b>5,825</b>	<b>10,437</b>	<b>40.9</b>	<b>44.0</b>
<b>White-collar workers</b>	<b>23,760</b>	<b>472</b>	<b>1,465</b>	<b>21,823</b>	<b>12,194</b>	<b>2,894</b>	<b>6,735</b>	<b>43.3</b>	<b>45.5</b>
Professional and technical	8,985	133	489	8,364	4,981	1,050	2,333	43.3	45.1
Managers and administrators, except farm	7,959	102	210	7,647	3,526	1,020	3,101	46.3	47.4
Sales workers	3,429	111	377	2,941	1,560	448	933	41.5	45.4
Clerical workers	3,386	125	399	2,372	2,126	377	369	38.2	41.7
<b>Blue-collar workers</b>	<b>22,730</b>	<b>1,724</b>	<b>1,376</b>	<b>19,530</b>	<b>13,938</b>	<b>2,569</b>	<b>3,123</b>	<b>39.6</b>	<b>42.6</b>
Craft and kindred workers	10,856	703	330	9,823	6,978	1,316	1,529	40.5	42.4
Operatives, except transport	5,535	424	265	4,946	3,598	629	619	39.9	42.3
Transport equipment operatives	2,856	195	169	2,492	1,396	347	749	42.1	45.5
Nonfarm laborers	3,482	401	613	2,468	1,965	276	227	34.3	41.0
<b>Service workers</b>	<b>4,896</b>	<b>341</b>	<b>1,153</b>	<b>3,402</b>	<b>2,461</b>	<b>362</b>	<b>579</b>	<b>35.6</b>	<b>43.1</b>
Private household	31	2	18	11	7	2	2	26.6	43.3
Other service workers	4,865	340	1,135	3,390	2,453	360	577	35.6	43.1
<b>Females, 16 years and over</b>	<b>40,673</b>	<b>2,996</b>	<b>9,373</b>	<b>28,304</b>	<b>22,929</b>	<b>2,801</b>	<b>2,574</b>	<b>34.2</b>	<b>40.5</b>
<b>White-collar workers</b>	<b>27,209</b>	<b>1,155</b>	<b>5,822</b>	<b>20,232</b>	<b>16,223</b>	<b>2,022</b>	<b>1,987</b>	<b>35.2</b>	<b>40.6</b>
Professional and technical	7,337	213	1,452	5,572	4,210	730	732	36.0	41.3
Managers and administrators, except farm	2,967	42	309	2,616	1,584	335	597	41.0	43.7
Sales workers	2,780	256	1,138	1,386	1,079	136	171	29.8	41.0
Clerical workers	14,125	644	2,922	10,359	9,250	821	488	34.6	39.4
<b>Blue-collar workers</b>	<b>5,329</b>	<b>688</b>	<b>565</b>	<b>4,076</b>	<b>3,456</b>	<b>393</b>	<b>227</b>	<b>35.9</b>	<b>39.9</b>
Craft and kindred workers	774	54	114	506	432	67	57	35.4	40.7
Operatives, except transport	3,746	507	231	3,008	2,603	272	133	36.6	39.6
Transport equipment operatives	291	40	114	137	107	23	7	29.6	40.9
Nonfarm laborers	519	88	106	325	265	30	30	33.6	41.1
<b>Service workers</b>	<b>8,135</b>	<b>1,153</b>	<b>2,986</b>	<b>3,996</b>	<b>3,250</b>	<b>386</b>	<b>360</b>	<b>29.6</b>	<b>40.4</b>
Private household	987	179	456	352	224	56	72	25.2	45.2
Other service workers	7,149	975	2,530	3,644	3,025	330	289	30.2	40.0



## A-31. Employment status of 14- and 15-year-olds by sex and race

[Numbers in thousands]

Employment status	March 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population .....	7,205	3,668	3,538	5,950	3,041	2,909	1,255	627	628
Civilian labor force .....	1,043	494	548	992	468	524	51	27	24
Employed .....	909	428	481	874	411	464	35	18	17
Agriculture .....	65	49	17	65	48	17	--	--	--
Nonagricultural industries .....	843	379	464	809	362	447	34	17	17
Unemployed .....	134	66	68	118	57	60	17	9	7
Unemployment rate .....	12.9	13.4	12.4	11.9	12.2	11.5	(1)	(1)	(1)
Not in labor force .....	6,163	3,173	2,989	4,958	2,573	2,385	1,204	600	604
Keeping house .....	35	4	31	29	2	27	6	1	4
Going to school .....	5,981	3,100	2,882	4,804	2,509	2,295	1,178	591	586
Unable to work .....	5	2	3	4	2	2	1	--	1
All other reasons .....	141	68	73	120	59	61	20	8	12

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	March 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
<b>Total</b> .....	909	428	481	100.0	100.0	100.0
Nonagricultural industries .....	843	379	464	92.8	88.6	96.7
Wage and salary workers .....	737	304	433	81.2	71.0	90.2
Private household workers .....	304	32	273	33.5	7.5	56.9
Government workers .....	42	21	21	4.6	4.9	4.4
Other wage and salary workers .....	391	252	139	43.1	58.9	29.0
Self-employed workers .....	100	72	29	11.0	16.8	6.0
Unpaid family workers .....	6	3	2	.7	.7	.4
Agriculture .....	65	49	17	7.2	11.4	3.5
Wage and salary workers .....	35	22	12	3.9	5.1	2.5
Self-employed workers .....	8	7	1	.9	1.5	.2
Unpaid family workers .....	22	19	3	2.4	4.4	.6
<b>OCCUPATION</b>						
<b>Total</b> .....	909	428	481	100.0	100.0	100.0
White-collar workers .....	282	181	102	31.1	42.3	21.2
Professional and technical .....	16	9	8	1.8	2.1	1.7
Managers and administrators, except farm .....	10	8	2	1.1	1.9	.4
Sales workers .....	205	149	57	22.6	34.8	11.9
Clerical workers .....	51	15	36	5.6	3.5	7.5
Blue-collar workers .....	91	85	6	10.0	19.9	1.2
Craft and kindred workers .....	12	12	--	1.3	2.8	--
Operatives, except transport .....	23	19	4	2.5	4.4	.8
Transport equipment operatives .....	--	--	--	--	--	--
Nonfarm laborers .....	55	53	2	6.1	12.4	.4
Service workers .....	480	122	359	52.9	28.5	74.6
Private household workers .....	296	17	278	32.6	4.0	57.8
Other service workers .....	185	105	80	20.4	24.5	16.6
Farm workers .....	55	41	14	6.1	9.6	2.9
Farmers and farm managers .....	3	3	--	.3	.7	--
Farm laborers and supervisors .....	52	38	14	5.7	8.9	2.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted**

[Numbers in thousands]

Employment status, sex, and age	1981												1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>TOTAL</b>															
Total noninstitutional population <sup>1</sup> .....	171,581	171,770	171,956	172,172	172,385	172,559	172,758	172,965	173,155	173,330	173,495	173,657	173,843		
Armed Forces <sup>1</sup> .....	2,128	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,164	2,159	2,168	2,175		
Civilian noninstitutional population <sup>1</sup> .....	169,453	169,641	169,829	170,042	170,246	170,399	170,593	170,809	170,995	171,166	171,335	171,489	171,667		
Civilian labor force .....	108,364	108,777	109,293	108,434	108,688	108,818	108,494	109,312	109,272	109,184	108,879	109,165	109,346		
Percent of civilian population .....	63.9	64.1	64.4	63.8	63.8	63.9	63.6	63.8	63.9	63.8	63.5	63.7	63.7		
Employed .....	100,406	100,878	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492		
Percent of total population .....	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4	57.3	57.2		
Agriculture .....	3,343	3,470	3,405	3,348	3,342	3,404	3,358	3,378	3,372	3,209	3,411	3,373	3,349		
Nonagricultural industries .....	97,063	97,408	97,640	97,082	97,522	97,436	95,300	95,955	96,800	96,404	96,170	96,217	96,144		
Unemployed .....	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854		
Unemployment rate .....	7.3	7.3	7.5	7.4	7.2	7.3	7.5	8.0	8.3	8.8	8.5	8.8	9.0		
Not in labor force .....	61,089	60,864	60,536	61,603	61,558	61,581	62,099	61,797	61,724	61,982	62,456	62,324	62,321		
<b>Males, 20 years and over</b>															
Total noninstitutional population <sup>1</sup> .....	73,710	73,817	73,924	74,045	74,164	74,268	74,382	74,502	74,610	74,714	74,810	74,906	75,015		
Civilian noninstitutional population <sup>1</sup> .....	72,037	72,142	72,251	72,359	72,472	72,559	72,670	72,795	72,921	73,020	73,120	73,209	73,287		
Civilian labor force .....	57,028	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,665	57,368	57,448	57,554		
Percent of civilian population .....	79.2	79.2	79.6	78.9	78.9	78.9	78.9	78.8	78.8	79.0	78.5	78.5	78.5		
Employed .....	53,618	53,820	53,884	53,597	53,874	53,791	53,693	53,504	53,354	53,122	53,047	53,097	53,006		
Percent of total population .....	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7		
Agriculture .....	2,352	2,419	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,390	2,386	2,377		
Nonagricultural industries .....	51,266	51,401	51,494	51,218	51,491	51,369	51,310	51,091	50,972	50,811	50,657	50,711	50,629		
Unemployed .....	3,410	3,337	3,595	3,497	3,298	3,459	3,569	3,851	4,105	4,543	4,322	4,351	4,548		
Unemployment rate .....	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9		
Not in labor force .....	15,009	14,985	14,772	15,265	15,300	15,309	15,408	15,440	15,462	15,355	15,752	15,761	15,733		
<b>Females, 20 years and over</b>															
Total noninstitutional population <sup>1</sup> .....	81,221	81,338	81,453	81,583	81,711	81,822	81,945	82,074	82,193	82,306	82,415	82,523	82,640		
Civilian noninstitutional population <sup>1</sup> .....	81,076	81,193	81,308	81,434	81,561	81,671	81,792	81,920	82,038	82,151	82,260	82,367	82,478		
Civilian labor force .....	42,152	42,332	42,608	42,531	42,682	42,665	42,344	42,831	42,987	42,888	42,868	43,031	43,243		
Percent of civilian population .....	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1	52.2	52.4		
Employed .....	39,365	39,536	39,737	39,757	39,810	39,841	39,426	39,814	39,878	39,713	39,764	39,744	39,807		
Percent of total population .....	48.5	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2	48.2	48.2		
Agriculture .....	610	609	605	585	590	609	608	596	635	572	649	628	635		
Nonagricultural industries .....	38,755	38,927	39,132	39,172	39,220	39,232	38,813	39,218	39,243	39,141	39,115	39,116	39,172		
Unemployed .....	2,787	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175	3,104	3,286	3,435		
Unemployment rate .....	6.6	6.6	5.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9		
Not in labor force .....	38,924	38,861	38,700	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392	39,336	39,235		
<b>Both sexes, 16-19 years</b>															
Total noninstitutional population <sup>1</sup> .....	16,650	16,615	16,579	16,544	16,510	16,469	16,429	16,390	16,351	16,310	16,269	16,228	16,188		
Civilian noninstitutional population <sup>1</sup> .....	16,341	16,305	16,270	16,243	16,213	16,169	16,131	16,093	16,037	15,995	15,955	15,913	15,902		
Civilian labor force .....	9,184	9,288	9,206	8,759	8,834	8,902	8,888	8,826	8,826	8,631	8,643	8,686	8,549		
Percent of civilian population .....	56.2	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.0	54.0	54.2	54.6	53.8		
Employed .....	7,423	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679		
Percent of total population .....	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6	41.6	41.6	41.3		
Agriculture .....	381	442	410	384	369	373	367	369	355	326	373	359	336		
Nonagricultural industries .....	7,042	7,080	7,014	6,692	6,811	6,835	6,772	6,656	6,585	6,452	6,398	6,389	6,343		
Unemployed .....	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870		
Unemployment rate .....	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9		
Not in labor force .....	7,157	7,017	7,064	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312	7,227	7,353		

<sup>1</sup> The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-34. Full- and part-time status of the civilian labor force, seasonally adjusted**

(Numbers in thousands)

Full and part time status	1981											1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>FULL TIME</b>														
Total, 16 years and over:														
Civilian labor force	92,549	92,825	93,324	92,526	92,971	92,773	92,801	93,359	93,607	93,856	93,129	93,421	93,863	
Employed	85,996	86,383	86,693	85,949	86,606	86,378	86,044	86,155	86,362	85,729	85,324	85,523	85,505	
Unemployed	6,553	6,442	6,631	6,577	6,365	6,400	6,757	7,204	7,545	8,127	7,805	7,897	8,355	
Unemployment rate	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	
<b>PART TIME</b>														
Total, 16 years and over:														
Civilian labor force	15,751	15,960	15,868	15,924	15,808	15,371	15,662	15,690	15,721	15,399	15,853	15,632	15,470	
Employed	14,319	14,499	14,350	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337	13,951	13,926	
Unemployed	1,432	1,461	1,518	1,462	1,471	1,546	1,532	1,492	1,596	1,417	1,515	1,681	1,544	
Unemployment rate	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0	

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

**A-35. Employment status by race, sex, and age, seasonally adjusted**

(Numbers in thousands)

Race, sex, and age	1981											1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>WHITE</b>														
Total, 16 years and over:														
Civilian labor force	94,756	95,199	95,666	94,887	95,125	95,163	94,884	95,365	95,535	95,329	95,120	95,333	95,508	
Employed	88,653	89,080	89,237	88,799	89,170	89,221	88,528	88,734	88,498	88,010	87,955	87,990	87,956	
Unemployed	6,103	6,119	6,429	6,088	5,956	5,942	6,256	5,631	7,037	7,319	7,165	7,344	7,552	
Unemployment rate	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.3	7.4	7.7	7.5	7.7	7.9	
Males, 20 years and over:														
Civilian labor force	50,505	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948	50,757	50,812	50,903	
Employed	47,814	48,070	48,392	47,939	48,157	48,050	47,948	47,793	47,649	47,449	47,410	47,430	47,351	
Unemployed	2,691	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347	3,382	3,552	
Unemployment rate	5.3	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9	6.6	6.7	7.0	
Females, 20 years and over:														
Civilian labor force	36,106	36,274	36,597	36,490	36,612	36,554	36,294	36,742	36,832	36,733	36,698	36,860	37,038	
Employed	34,061	34,197	34,422	34,404	34,481	34,534	34,155	34,517	34,513	34,368	34,380	34,427	34,475	
Unemployed	2,045	2,077	2,175	2,086	2,131	2,320	2,139	2,225	2,319	2,365	2,319	2,433	2,564	
Unemployment rate	5.7	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4	6.3	6.6	6.9	
Both sexes, 16 to 19 years:														
Civilian labor force	8,145	8,207	8,149	7,764	7,816	7,938	7,378	7,812	7,822	7,648	7,665	7,662	7,567	
Employed	6,778	6,813	6,723	6,456	6,532	6,637	6,525	6,427	6,336	6,193	6,166	6,133	6,130	
Unemployed	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455	1,499	1,529	1,437	
Unemployment rate	16.8	17.0	17.5	16.8	16.4	16.1	17.2	17.7	19.0	19.0	19.6	20.0	19.0	
<b>BLACK AND OTHER</b>														
Total, 16 years and over:														
Civilian labor force	13,586	13,633	13,549	13,565	13,539	13,532	13,617	13,697	13,757	13,773	13,704	13,857	13,813	
Employed	11,742	11,827	11,781	11,543	11,672	11,624	11,507	11,611	11,661	11,610	11,632	11,653	11,515	
Unemployed	1,844	1,806	1,868	1,922	1,867	2,308	2,310	2,086	2,096	2,163	2,072	2,204	2,294	
Unemployment rate	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	
Males, 20 years and over:														
Civilian labor force	6,517	6,498	6,547	6,479	6,484	6,556	6,551	6,573	6,595	6,614	6,563	6,649	6,620	
Employed	5,800	5,796	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630	5,688	5,622	
Unemployed	717	702	768	797	762	811	836	862	901	967	933	961	998	
Unemployment rate	11.0	10.8	11.7	12.3	11.3	12.4	12.8	13.1	13.7	14.6	14.2	14.5	15.1	
Females, 20 years and over:														
Civilian labor force	6,032	6,057	6,341	6,381	6,062	6,087	6,085	6,095	6,147	6,163	6,152	6,163	6,199	
Employed	5,285	5,337	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321	
Unemployed	747	720	736	741	741	774	804	795	788	808	764	826	878	
Unemployment rate	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1	12.4	13.4	14.2	
Both sexes, 16 to 19 years:														
Civilian labor force	1,037	1,078	1,051	1,005	993	989	981	1,023	1,015	996	989	1,044	991	
Employed	657	694	697	621	629	566	611	599	608	608	614	627	573	
Unemployed	380	384	354	384	364	423	370	429	407	388	375	417	418	
Unemployment rate	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9	39.9	42.2	

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total (all civilian workers)	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0
Males, 20 years and over	6.0	5.8	6.3	6.1	5.8	5.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9
Females, 20 years and over	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9
Both sexes, 16-19 years	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9
White	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9
Black and other	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6
Married men, spouse present	4.1	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.3	5.3	5.5
Married women, spouse present	5.9	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6	6.2	7.0	7.1
Women who maintain families	9.6	9.9	10.4	10.7	11.2	13.1	13.7	13.6	10.8	10.5	10.4	10.2	10.6
Full-time workers	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9
Part-time workers	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	13.8	10.0
Unemployed 15 weeks and over <sup>1</sup>	2.1	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.5	2.7
Labor force time lost <sup>2</sup>	8.2	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.3	9.8	10.4
<b>OCCUPATION</b>													
White-collar workers	3.9	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5	4.2	4.6	4.8
Professional and technical	2.7	3.1	2.8	2.8	2.8	2.5	2.8	2.6	2.7	3.4	2.9	3.1	3.2
Managers and administrators, except farm	2.5	2.4	2.6	2.7	2.5	2.7	2.7	2.9	3.0	3.1	2.7	3.1	3.0
Sales workers	4.1	4.2	4.6	4.3	4.9	4.7	5.0	4.9	5.0	4.9	4.5	4.8	5.8
Clerical workers	5.7	5.6	5.6	5.4	5.7	5.7	5.8	6.0	6.0	6.2	6.3	6.7	6.9
Blue-collar workers	10.0	9.7	9.9	9.8	9.5	9.5	10.2	10.9	11.8	12.7	12.5	12.5	12.9
Craft and kindred workers	7.1	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0	8.4	9.1
Operatives, except transport	11.7	11.6	11.8	11.1	11.1	11.1	11.6	12.8	14.1	15.5	15.4	15.4	15.9
Transport equipment operatives	9.1	8.1	8.2	8.1	7.3	8.0	8.7	8.0	10.4	10.5	10.2	10.3	10.4
Nonfarm laborers	14.2	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9	16.9	17.9	17.9
Service workers	8.3	8.5	9.4	8.9	8.3	8.9	9.0	9.3	9.7	9.6	9.2	9.8	10.2
Farm workers	5.2	3.9	5.2	6.2	4.8	5.4	4.0	6.2	6.2	6.4	6.9	4.9	5.4
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>3</sup>	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8	9.0	9.5
Construction	14.7	14.5	15.7	16.1	15.2	16.2	16.3	17.6	17.8	18.1	18.7	18.1	17.9
Manufacturing	8.1	7.6	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0	10.4	10.6	10.8
Durable goods	8.0	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8	11.0	11.3	10.8
Nondurable goods	8.3	7.8	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.8
Transportation	6.1	5.5	5.7	4.9	4.1	4.8	4.2	4.8	5.5	6.0	6.4	5.9	5.6
Wholesale and retail trade	7.6	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7	9.0	10.3
Finance and service industries	5.6	5.8	5.8	5.8	5.7	5.7	6.0	6.2	6.1	6.4	5.9	6.5	6.9
Government workers	4.6	4.7	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0	4.8	5.2	4.9
Agricultural wage and salary workers	12.1	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8	16.2	12.8	14.0

<sup>1</sup> Unemployment as a percent of the civilian labor force.

as a percent of potentially available labor force hours.

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons

<sup>3</sup> Includes mining, not shown separately.

## A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>DURATION</b>													
Less than 5 weeks	3,277	3,189	3,378	3,303	3,323	3,326	3,529	3,707	3,852	4,037	3,852	3,789	3,825
5 to 14 weeks	2,408	2,472	2,606	2,423	2,312	2,469	2,585	2,686	2,882	3,016	3,068	3,052	3,078
15 weeks and over	2,269	2,187	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372	2,399	2,724	2,954
15 to 26 weeks	1,057	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189	1,210	1,445	1,605
27 weeks and over	1,212	1,139	1,170	1,136	1,074	1,139	1,102	1,126	1,135	1,183	1,190	1,278	1,349
Average (mean) duration, in weeks	13.9	13.7	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.8	13.5	14.1	13.9
Median duration, in weeks	7.1	7.6	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7	7.2	7.3	7.6
<b>PERCENT DISTRIBUTION</b>													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.2	40.6	41.1	40.8	42.6	41.5	42.2	42.7	42.3	42.8	41.3	39.6	38.8
5 to 14 weeks	30.3	31.5	31.7	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9	31.9	31.2
15 weeks and over	28.5	27.9	27.2	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7	28.5	30.0
15 to 26 weeks	13.3	13.4	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.0	15.1	16.3
27 weeks and over	15.2	14.5	14.2	14.0	13.8	14.2	13.2	13.0	12.5	12.6	12.8	13.4	13.7

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-38. Unemployment rates by sex and age, seasonally adjusted**

Sex and age	1981											1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>Total, 16 years and over</b>	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	
16 to 19 years	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	
16 to 17 years	21.4	21.6	21.3	22.6	19.8	20.8	21.4	21.5	22.6	21.9	21.9	22.7	22.7	
18 to 19 years	17.6	17.2	17.7	17.5	17.8	17.6	18.5	20.0	20.5	21.2	21.3	22.0	21.3	
20 to 24 years	11.8	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2	
25 years and over	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5	6.3	6.4	6.8	
25 to 54 years	5.6	5.4	5.6	5.6	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.8	7.3	
55 years and over	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.1	4.2	4.3	4.6	
<b>Males, 16 years and over</b>	7.1	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.3	9.0	8.6	8.7	9.0	
16 to 19 years	19.8	19.5	20.0	20.0	18.8	19.8	19.9	20.1	21.8	22.3	22.1	22.5	23.5	
16 to 17 years	21.7	22.5	22.3	24.0	19.9	21.5	21.5	21.1	22.7	22.6	23.0	23.0	24.3	
18 to 19 years	18.5	17.4	18.0	18.2	17.9	18.3	18.7	19.3	21.0	22.2	21.4	22.1	22.9	
20 to 24 years	13.0	13.0	13.8	12.9	11.5	12.9	13.1	13.8	14.4	14.8	14.9	15.4	15.7	
25 years and over	4.8	4.6	4.7	5.0	4.7	4.9	5.0	5.5	5.8	6.5	6.3	6.3	6.6	
25 to 54 years	5.1	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9	6.7	6.7	7.1	
55 years and over	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3	4.2	4.8	
<b>Females, 16 years and over</b>	7.7	7.7	7.8	7.7	7.3	7.7	8.0	8.2	8.4	8.5	8.4	8.9	9.0	
16 to 19 years	18.5	18.4	18.7	18.4	18.5	18.2	19.5	20.7	20.9	20.5	21.2	22.1	23.1	
16 to 17 years	21.2	20.5	20.2	21.1	19.7	20.0	21.2	21.9	22.5	21.1	20.6	22.5	20.8	
18 to 19 years	16.6	17.1	17.4	16.8	17.7	15.9	18.3	20.6	19.9	20.0	21.1	21.9	19.6	
20 to 24 years	10.5	10.9	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.0	11.9	12.7	12.6	
25 years and over	5.8	5.7	5.8	5.7	5.8	5.6	6.0	6.1	6.4	6.4	6.3	6.5	7.0	
25 to 54 years	6.2	6.1	6.4	6.1	6.1	6.0	6.3	6.5	6.8	6.9	6.7	7.0	7.6	
55 years and over	4.2	3.7	3.4	3.5	3.7	3.7	4.3	4.3	3.8	3.7	4.1	4.3	4.3	

**A-39. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason for unemployment	1981											1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>NUMBER OF UNEMPLOYED</b>														
<b>Both sexes, 16 years and over:</b>														
Job losers	3,989	3,958	4,032	4,173	3,867	4,106	4,426	4,573	4,905	5,343	5,205	5,153	5,622	
On layoff	1,323	1,303	1,357	1,302	1,225	1,276	1,452	1,631	1,826	2,042	1,860	1,740	1,828	
Other job losers	2,666	2,655	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301	3,345	3,413	3,794	
Job leavers	901	903	1,004	896	926	879	921	976	916	923	835	964	885	
Reentrants	2,069	2,044	2,136	2,039	2,078	2,034	2,358	2,178	2,339	2,244	2,079	2,277	2,249	
New entrants	988	988	956	973	940	971	977	1,002	996	1,021	1,055	1,100	1,044	
<b>PERCENT DISTRIBUTION</b>														
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Job losers	50.2	50.1	49.8	51.6	49.5	51.4	52.8	52.4	53.6	56.1	56.7	54.3	57.4	
On layoff	16.6	16.5	16.8	16.1	15.7	15.0	17.3	18.7	19.9	21.4	20.3	18.3	18.7	
Other job losers	33.5	33.6	33.0	35.5	33.8	35.4	35.5	33.7	33.6	34.6	36.5	35.9	38.7	
Job leavers	11.3	11.4	12.4	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1	10.2	9.0	
Reentrants	26.0	25.9	26.0	25.2	26.5	25.5	24.6	25.0	25.5	23.5	22.7	24.0	22.9	
New entrants	12.4	12.5	11.8	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7	
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>														
Job losers	3.7	3.6	3.7	3.8	3.6	3.8	4.1	4.2	4.5	4.9	4.8	4.7	5.1	
Job leavers	.8	.8	.9	.8	.9	.8	.8	.9	.8	.8	.8	.9	.8	
Reentrants	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1	
New entrants	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-40. Employed persons by sex and age, seasonally adjusted**

[In thousands]

Sex and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>Total, 16 years and over</b>	100,406	100,878	101,345	100,433	100,864	100,843	103,253	100,343	100,172	99,613	99,581	99,590	99,492
16 to 19 years	7,423	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679
16 to 17 years	2,976	3,012	2,949	2,709	2,835	2,840	2,836	2,769	2,768	2,703	2,705	2,690	2,642
18 to 19 years	4,453	4,496	4,484	4,350	4,326	4,345	4,326	4,260	4,192	4,088	4,065	4,067	4,060
20 to 24 years	14,166	14,178	14,179	14,094	14,264	14,194	14,086	14,078	13,970	13,935	13,816	13,738	13,811
25 years and over	78,807	79,180	79,462	79,330	79,464	79,453	79,328	79,228	79,202	78,881	78,960	79,045	78,978
25 to 54 years	64,246	64,565	64,798	64,754	64,930	65,014	64,676	64,829	64,868	64,567	64,722	64,853	64,649
55 years and over	14,552	14,596	14,540	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,282	14,198	14,299
<b>Males, 16 years and over</b>	57,531	57,792	57,793	57,279	57,640	57,551	57,471	57,266	57,051	56,725	56,629	56,658	56,472
16 to 19 years	3,913	3,972	3,909	3,682	3,766	3,760	3,778	3,762	3,697	3,603	3,582	3,561	3,466
16 to 17 years	1,577	1,582	1,543	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446	1,439	1,387
18 to 19 years	2,343	2,374	2,379	2,260	2,261	2,257	2,266	2,241	2,208	2,163	2,134	2,123	2,094
20 to 24 years	7,532	7,521	7,531	7,483	7,646	7,562	7,523	7,449	7,373	7,380	7,321	7,288	7,246
25 years and over	46,097	46,300	46,374	46,168	46,253	46,244	46,160	46,046	45,940	45,709	45,686	45,786	45,762
25 to 54 years	37,274	37,452	37,560	37,448	37,507	37,565	37,519	37,406	37,364	37,092	37,127	37,235	37,173
55 years and over	8,825	8,841	8,814	8,729	8,736	8,679	8,658	8,621	8,590	8,608	8,582	8,523	8,578
<b>Females, 16 years and over</b>	42,875	43,086	43,252	43,151	43,224	43,289	42,797	43,077	43,121	42,888	42,952	42,932	43,020
16 to 19 years	3,510	3,550	3,515	3,394	3,414	3,448	3,361	3,263	3,243	3,175	3,189	3,187	3,213
16 to 17 years	1,399	1,430	1,406	1,297	1,337	1,339	1,303	1,247	1,273	1,255	1,259	1,251	1,255
18 to 19 years	2,110	2,122	2,105	2,090	2,065	2,088	2,060	2,019	1,984	1,925	1,931	1,944	1,966
20 to 24 years	6,634	6,657	6,647	6,611	6,618	6,632	6,563	6,629	6,597	6,555	6,495	6,500	6,565
25 years and over	32,710	32,880	33,088	33,162	33,211	33,209	32,868	33,182	33,262	33,172	33,274	33,259	33,216
25 to 54 years	26,972	27,113	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475	27,595	27,618	27,475
55 years and over	5,727	5,755	5,826	5,813	5,799	5,792	5,714	5,756	5,747	5,724	5,701	5,635	5,721

**A-41. Unemployed persons by sex and age, seasonally adjusted**

[In thousands]

Sex and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>Total, 16 years and over</b>	7,958	7,899	8,243	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854
16 to 19 years	1,761	1,766	1,782	1,633	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,933	1,870
16 to 17 years	812	828	799	791	699	746	772	757	808	759	760	792	775
18 to 19 years	952	937	964	924	938	931	983	1,062	1,080	1,098	1,099	1,149	1,099
20 to 24 years	1,896	1,939	2,047	1,942	1,847	1,949	1,972	2,054	2,388	2,168	2,161	2,271	2,293
25 years and over	4,343	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,481	5,282	5,401	5,748
25 to 54 years	3,793	3,683	3,871	3,845	3,786	3,819	4,010	4,255	4,536	4,804	4,649	4,756	5,066
55 years and over	549	509	509	522	534	525	572	574	562	620	624	630	691
<b>Males, 16 years and over</b>	4,375	4,300	4,571	4,415	4,171	4,385	4,506	4,798	5,133	5,578	5,338	5,384	5,610
16 to 19 years	965	963	976	918	873	926	937	947	1,028	1,035	1,016	1,033	1,062
16 to 17 years	436	459	442	445	372	411	421	408	438	424	433	429	445
18 to 19 years	531	499	521	502	494	505	521	537	587	616	581	604	621
20 to 24 years	1,121	1,122	1,206	1,106	1,005	1,120	1,131	1,194	1,245	1,278	1,284	1,324	1,346
25 years and over	2,321	2,237	2,280	2,405	2,292	2,361	2,455	2,670	2,834	3,199	3,055	3,071	3,247
25 to 54 years	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,346	2,522	2,762	2,662	2,675	2,820
55 years and over	298	289	307	311	310	303	317	333	333	397	383	377	431
<b>Females, 16 years and over</b>	3,583	3,599	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993	3,960	4,191	4,243
16 to 19 years	796	803	806	765	781	768	812	854	858	818	856	905	808
16 to 17 years	376	369	357	346	327	335	351	349	370	335	327	363	330
18 to 19 years	421	438	443	422	444	426	462	525	493	482	517	545	478
20 to 24 years	775	817	841	836	842	829	841	863	843	890	877	947	947
25 years and over	2,022	1,976	2,051	1,993	2,032	1,967	2,085	2,153	2,257	2,282	2,228	2,330	2,501
25 to 54 years	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987	2,081	2,246
55 years and over	251	220	202	211	224	223	255	241	229	223	241	253	260

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-42. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

Category	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total, 16 years and over .....	100,406	100,878	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492
Married men, spouse present .....	39,036	39,186	39,120	38,930	38,961	38,961	38,855	38,745	38,553	38,342	38,234	38,255	38,181
Married women, spouse present .....	23,920	23,979	24,192	24,106	24,159	24,043	23,626	23,874	23,820	23,691	23,744	23,727	23,900
<b>OCCUPATION</b>													
White-collar workers .....	52,860	52,855	53,016	52,957	52,907	53,141	52,908	53,199	53,086	53,084	52,836	52,841	52,763
Professional and technical .....	16,219	16,178	16,093	16,410	16,364	16,621	16,598	16,681	16,657	16,774	16,803	16,612	16,659
Managers and administrators, except farm .....	11,725	11,616	11,488	11,411	11,578	11,460	11,533	11,616	11,461	11,424	11,091	11,253	11,311
Sales workers .....	6,372	5,290	6,562	6,513	6,373	6,490	6,341	6,400	6,418	6,450	6,520	6,544	6,637
Clerical workers .....	18,544	18,771	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,436	18,423	18,432	18,155
Blue-collar workers .....	31,288	31,685	31,796	31,538	31,580	31,611	31,266	30,953	30,683	30,344	30,203	30,309	30,416
Craft and kindred workers .....	12,826	12,825	12,911	12,749	12,787	12,724	12,514	12,445	12,411	12,446	12,370	12,454	12,511
Operatives, except transport .....	10,464	10,691	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966	9,955	9,860
Transport equipment operatives .....	3,447	3,483	3,456	3,493	3,526	3,530	3,506	3,580	3,438	3,368	3,415	3,503	3,397
Nonfarm laborers .....	4,551	4,686	4,703	4,593	4,548	4,599	4,722	4,517	4,514	4,361	4,451	4,397	4,648
Service workers .....	13,478	13,468	13,470	13,214	13,526	13,282	13,391	13,525	13,670	13,639	13,709	13,612	13,526
Farm workers .....	2,730	2,826	2,748	2,710	2,727	2,753	2,743	2,770	2,802	2,660	2,817	2,787	2,710
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,391	1,560	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352	1,377	1,426	1,416
Self-employed workers .....	1,638	1,661	1,654	1,664	1,593	1,638	1,643	1,631	1,641	1,602	1,674	1,596	1,644
Unpaid family workers .....	299	286	235	263	244	256	256	261	321	228	380	359	277
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	89,592	89,913	90,402	89,508	89,971	89,995	89,376	89,460	89,238	88,991	88,759	88,586	88,526
Government .....	15,930	15,885	15,776	15,707	15,637	15,526	15,475	15,491	15,397	15,585	15,578	15,527	15,492
Private industries .....	73,662	74,028	74,626	73,801	74,334	74,469	73,901	73,969	73,841	73,406	73,181	73,059	73,034
Private households .....	1,242	1,249	1,192	1,177	1,216	1,259	1,102	1,162	1,204	1,291	1,248	1,161	1,225
Other industries .....	72,420	72,779	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809
Self-employed workers .....	7,065	7,150	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057	6,971	7,055	7,126
Unpaid family workers .....	374	325	356	376	389	387	399	451	425	410	410	408	434
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries .....	91,405	91,394	91,745	91,500	92,532	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,548
Full-time schedules .....	74,453	74,259	74,871	74,693	75,620	74,467	73,794	73,886	73,915	73,360	72,803	73,028	72,649
Part-time for economic reasons .....	4,290	4,200	4,264	4,033	4,374	4,350	4,656	5,009	5,026	5,288	5,071	5,563	5,717
Usually work full-time .....	1,660	1,593	1,657	1,465	1,680	1,729	1,759	2,005	1,945	2,121	1,783	2,193	2,237
Part time for noneconomic reasons .....	2,630	2,607	2,607	2,568	2,694	2,621	2,397	3,003	3,081	3,167	3,287	3,370	3,480
Part time for noneconomic reasons .....	12,662	12,635	12,610	12,774	12,538	12,752	12,428	12,489	12,382	12,274	12,251	12,300	12,183

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

# HOUSEHOLD DATA

## A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	
<b>VETERANS</b>										
Total, 25 years and over	8,475	8,668	8,044	8,186	7,535	7,439	509	747	6.3	9.1
25 to 39 years	7,316	7,216	7,038	6,909	6,561	6,225	477	684	6.8	9.9
25 to 29 years	1,548	1,302	1,441	1,209	1,286	1,304	155	205	10.8	17.0
30 to 34 years	3,421	3,059	3,315	2,924	3,111	2,648	204	276	6.2	9.4
35 to 39 years	2,347	2,855	2,282	2,776	2,164	2,573	118	203	5.2	7.3
40 years and over	1,159	1,452	1,006	1,277	974	1,214	32	63	3.2	4.9
<b>NONVETERANS</b>										
Total, 25 to 39 years	16,939	17,907	16,060	16,961	15,008	15,491	1,052	1,470	6.6	8.7
25 to 29 years	7,766	8,072	7,290	7,595	6,716	6,796	574	799	7.9	10.5
30 to 34 years	5,300	5,825	5,074	5,567	4,784	5,145	290	422	5.7	7.6
35 to 39 years	3,873	4,010	3,696	3,799	3,508	3,550	183	249	5.1	6.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the

Vietnam-era veteran population.





**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**

[Numbers in thousands]

Full- and part-time status, sex, and age	1979				1980				1981				1982	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
<b>FULL TIME</b>														
Total, 16 years and over:														
Civilian labor force .....	88,933	89,169	89,725	90,364	90,601	91,193	91,559	92,001	92,402	92,892	92,850	93,607	93,470	
Employed <sup>1</sup> .....	84,189	84,540	84,916	85,391	85,297	84,786	84,735	85,319	85,835	86,342	86,343	85,982	85,451	
Unemployed .....	4,744	4,629	4,809	4,973	5,305	6,407	6,824	6,691	6,567	6,550	6,507	7,625	8,019	
Unemployment rate .....	5.3	5.2	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6	
Males, 20 years and over:														
Civilian labor force .....	52,657	52,710	52,907	53,099	53,216	53,506	53,790	53,944	53,950	54,387	54,330	54,633	54,450	
Employed <sup>1</sup> .....	50,561	50,699	50,774	50,809	50,662	50,221	50,197	50,552	50,715	51,145	51,110	50,696	50,275	
Unemployed .....	2,097	2,010	2,134	2,289	2,554	3,285	3,593	3,393	3,235	3,242	3,222	3,937	4,175	
Unemployment rate .....	4.0	3.8	4.0	4.3	4.8	6.1	6.7	6.3	6.0	6.0	5.9	7.2	7.7	
Females, 20 years and over:														
Civilian labor force .....	31,021	31,246	31,633	32,028	32,261	32,663	32,847	33,120	33,549	33,780	33,886	34,298	34,397	
Employed <sup>1</sup> .....	29,228	29,361	29,831	30,231	30,403	30,521	30,626	30,804	31,225	31,465	31,556	31,681	31,671	
Unemployed .....	1,793	1,784	1,803	1,797	1,858	2,142	2,221	2,316	2,323	2,314	2,330	2,618	2,727	
Unemployment rate .....	5.8	5.7	5.7	5.6	5.8	6.6	6.8	7.0	6.9	6.9	6.9	7.6	7.9	
Both sexes, 16-19 years:														
Civilian labor force .....	5,255	5,214	5,184	5,237	5,123	5,023	4,922	4,935	4,904	4,725	4,532	4,675	4,622	
Employed <sup>1</sup> .....	4,401	4,379	4,312	4,350	4,232	4,344	3,912	3,954	3,895	3,732	3,577	3,605	3,505	
Unemployed .....	854	835	872	887	893	980	1,010	982	1,009	994	956	1,070	1,117	
Unemployment rate .....	16.3	16.0	16.8	16.9	17.4	19.5	20.5	19.9	20.6	21.0	20.6	22.9	24.2	
<b>PART TIME</b>														
Total, 16 years and over:														
Civilian labor force .....	15,354	15,144	15,595	15,608	15,813	15,566	15,736	15,529	15,670	15,917	15,847	15,633	15,652	
Employed <sup>1</sup> .....	13,972	13,809	14,251	14,264	14,443	14,180	14,365	14,179	14,242	14,437	14,341	14,102	14,072	
Unemployed .....	1,382	1,335	1,344	1,344	1,371	1,386	1,371	1,350	1,427	1,480	1,506	1,502	1,580	
Unemployment rate .....	9.0	8.8	8.6	8.6	8.7	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1	
Males, 20 years and over:														
Civilian labor force .....	2,703	2,715	2,835	2,871	2,948	2,321	2,821	2,845	2,887	2,876	2,904	2,876	2,947	
Employed <sup>1</sup> .....	2,532	2,539	2,641	2,693	2,761	2,720	2,642	2,665	2,685	2,673	2,654	2,638	2,705	
Unemployed .....	171	175	195	178	187	201	179	181	202	203	240	238	242	
Unemployment rate .....	6.3	6.5	6.9	6.2	6.3	8.9	6.4	6.4	7.0	7.1	8.3	8.3	8.2	
Females, 20 years and over:														
Civilian labor force .....	8,175	8,061	8,342	8,335	8,478	8,294	8,419	8,355	8,455	8,715	8,688	8,594	8,670	
Employed <sup>1</sup> .....	7,671	7,606	7,875	7,845	7,962	7,807	7,964	7,891	7,984	8,192	8,158	8,108	8,110	
Unemployed .....	504	455	467	490	517	487	455	464	471	524	530	486	559	
Unemployment rate .....	6.2	5.6	5.6	5.9	6.1	5.9	5.4	5.6	5.6	6.0	6.1	5.7	6.5	
Both sexes, 16-19 years:														
Civilian labor force .....	4,476	4,369	4,417	4,402	4,387	4,351	4,496	4,328	4,328	4,326	4,255	4,133	4,035	
Employed <sup>1</sup> .....	3,769	3,664	3,735	3,726	3,720	3,652	3,759	3,623	3,573	3,572	3,518	3,356	3,256	
Unemployed .....	706	704	682	676	667	699	737	704	754	753	736	777	779	
Unemployment rate .....	15.8	16.1	15.4	15.4	15.2	16.1	16.4	16.3	17.4	17.4	17.3	18.8	19.3	

<sup>1</sup> Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-46. Employment status by race, sex, and age, seasonally adjusted**

[Numbers in thousands]

Employment status, race, sex, and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force .....	91,423	91,371	92,144	92,795	93,277	93,550	93,738	94,016	94,547	95,251	95,058	95,410	95,320
Employed .....	86,797	86,880	87,422	87,958	88,183	87,466	87,388	87,845	88,381	89,039	89,006	88,414	87,967
Unemployed .....	4,626	4,491	4,722	4,837	5,094	6,084	6,350	6,171	6,166	6,212	6,051	6,996	7,354
Unemployment rate .....	5.1	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7
<b>Males, 20 years and over:</b>													
Civilian labor force .....	49,171	49,143	49,406	49,587	49,863	50,062	50,148	50,289	50,383	50,757	50,704	50,880	50,824
Employed .....	47,443	47,474	47,594	47,684	47,739	47,282	47,189	47,480	47,665	48,034	48,052	47,629	47,397
Unemployed .....	1,728	1,669	1,812	1,903	2,124	2,780	2,959	2,809	2,718	2,723	2,652	3,251	3,427
Unemployment rate .....	3.5	3.4	3.7	3.8	4.3	5.6	5.9	5.6	5.4	5.4	5.2	6.4	6.7
<b>Females, 20 years and over:</b>													
Civilian labor force .....	33,616	33,711	34,263	34,639	34,960	35,143	35,332	35,528	35,979	36,454	36,487	36,769	36,865
Employed .....	31,909	32,051	32,562	32,913	33,174	33,169	33,289	33,472	33,910	34,341	34,390	34,466	34,427
Unemployed .....	1,706	1,660	1,701	1,726	1,786	1,975	2,043	2,056	2,068	2,113	2,097	2,303	2,438
Unemployment rate .....	5.1	4.9	5.0	5.0	5.1	5.6	5.8	5.8	5.7	5.8	5.7	6.3	6.6
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	8,637	8,517	8,475	8,569	8,454	8,345	8,257	8,198	8,185	8,040	7,867	7,761	7,631
Employed .....	7,445	7,355	7,266	7,361	7,270	7,015	6,910	6,893	6,806	6,664	6,565	6,319	6,143
Unemployed .....	1,192	1,162	1,208	1,208	1,184	1,330	1,347	1,305	1,379	1,376	1,303	1,442	1,488
Unemployment rate .....	13.8	13.6	14.3	14.1	14.0	15.9	16.3	15.9	16.9	17.1	16.6	18.6	19.5
<b>BLACK AND OTHER</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force .....	12,897	12,964	13,095	13,187	13,175	13,251	13,458	13,489	13,530	13,616	13,596	13,742	13,790
Employed .....	11,410	11,476	11,667	11,705	11,616	11,496	11,606	11,632	11,744	11,750	11,534	11,627	11,600
Unemployed .....	1,488	1,488	1,428	1,482	1,559	1,755	1,853	1,857	1,786	1,865	1,962	2,115	2,190
Unemployment rate .....	11.5	11.5	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9
<b>Males, 20 years and over:</b>													
Civilian labor force .....	6,217	6,258	6,347	6,356	6,345	6,364	6,463	6,467	6,484	6,508	6,530	6,594	6,611
Employed .....	5,676	5,734	5,832	5,801	5,733	5,528	5,652	5,716	5,784	5,752	5,727	5,684	5,647
Unemployed .....	541	524	515	556	611	736	811	751	700	756	803	910	964
Unemployment rate .....	8.7	8.4	8.1	8.7	9.5	11.5	12.5	11.6	10.8	11.6	12.3	13.8	14.6
<b>Females, 20 years and over:</b>													
Civilian labor force .....	5,564	5,510	5,677	5,756	5,756	5,837	5,916	5,962	5,992	6,060	6,078	6,135	6,171
Employed .....	4,984	5,029	5,103	5,188	5,181	5,174	5,270	5,241	5,286	5,327	5,305	5,338	5,349
Unemployed .....	581	580	574	568	574	663	646	721	706	732	773	797	823
Unemployment rate .....	10.4	10.3	10.1	9.9	10.0	11.4	10.9	12.1	11.8	12.1	12.7	13.0	13.3
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	1,116	1,097	1,071	1,075	1,075	1,050	1,080	1,060	1,054	1,048	988	1,013	1,008
Employed .....	750	713	732	717	701	695	684	676	673	671	502	605	605
Unemployed .....	366	384	339	358	374	355	396	384	381	377	386	408	403
Unemployment rate .....	32.8	35.0	31.6	33.3	34.8	33.8	36.6	36.2	36.1	36.0	39.0	40.3	40.0

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**A-47. Major unemployment indicators, seasonally adjusted**

[Unemployment rates]

Category	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	5.9	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8
Males, 20 years and over .....	4.1	4.0	4.2	4.4	4.3	5.2	6.6	6.3	6.0	6.1	6.0	7.2	7.7
Females, 20 years and over .....	5.8	5.7	5.7	5.7	5.8	6.4	6.5	6.7	6.6	6.7	6.7	7.2	7.6
Both sexes, 16-19 years .....	16.0	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9
White .....	5.1	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7
Black and other .....	11.5	11.5	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9
Married men, spouse present .....	2.7	2.6	2.8	3.0	3.4	4.4	4.8	4.4	4.1	4.0	4.1	5.2	5.4
Married women, spouse present .....	5.3	5.1	5.1	5.1	5.3	5.9	6.1	5.9	5.9	5.8	5.7	6.4	6.9
Women who maintain families .....	8.2	8.6	8.1	8.4	8.8	8.7	9.1	10.1	9.9	10.3	10.7	10.6	10.4
Full-time workers .....	5.3	5.2	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6
Part-time workers .....	9.3	8.8	8.6	8.6	8.7	9.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1
Unemployed 15 weeks and over <sup>1</sup> .....	1.2	1.2	1.1	1.2	1.3	1.6	2.0	2.2	2.2	2.1	2.0	2.1	2.5
Labor force time lost <sup>2</sup> .....	6.3	6.3	6.3	6.5	6.8	8.1	8.3	8.3	8.2	8.2	8.1	9.6	10.1
<b>OCCUPATION</b>													
White-collar workers .....	3.4	3.3	3.4	3.3	3.4	3.7	3.8	3.9	3.9	4.0	4.0	4.3	4.5
Professional and technical .....	2.4	2.2	2.5	2.4	2.3	2.5	2.5	2.5	2.7	2.9	2.7	2.9	3.1
Managers and administrators, except farm .....	2.1	2.1	2.2	2.1	2.2	2.5	2.5	2.5	2.5	2.6	2.7	2.9	2.9
Sales workers .....	4.1	4.1	3.8	3.8	4.3	4.6	4.2	4.5	4.2	4.4	4.9	4.9	5.0
Clerical workers .....	4.8	4.6	4.7	4.6	4.7	5.3	5.5	5.6	5.6	5.6	5.7	6.1	6.6
Blue-collar workers .....	6.7	6.7	7.0	7.5	8.2	10.5	11.1	10.6	10.1	9.8	9.7	11.8	12.6
Craft and kindred workers .....	4.7	4.2	4.4	4.4	5.3	7.1	7.6	7.1	7.1	7.1	7.2	8.7	8.8
Operatives, except transport .....	8.1	8.2	8.6	9.2	9.8	13.0	13.5	12.9	12.0	11.5	11.3	14.1	15.6
Transport equipment operatives .....	5.3	5.5	5.6	5.6	6.9	9.0	10.0	9.9	8.9	8.1	8.0	9.6	10.3
Nonfarm laborers .....	10.2	10.8	11.0	11.7	12.8	15.0	15.8	14.8	14.7	14.1	14.0	16.2	17.6
Service workers .....	7.6	7.2	7.0	6.9	7.2	8.0	8.3	8.2	8.4	9.0	8.6	9.5	9.7
Farm workers .....	3.4	3.6	4.1	4.5	4.3	4.8	4.9	4.3	5.0	5.1	4.7	6.3	5.9
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>3</sup> .....	5.8	5.6	5.8	5.9	6.3	7.7	7.9	7.7	7.5	7.4	7.4	8.5	9.1
Construction .....	10.9	9.8	9.4	10.6	12.0	15.3	16.1	14.2	14.0	15.4	15.9	17.8	18.2
Manufacturing .....	5.2	5.4	5.8	6.1	6.8	9.0	9.4	9.0	8.4	7.6	7.4	9.7	10.6
Durable goods .....	4.6	4.6	5.2	5.8	6.7	9.8	10.1	9.2	8.4	7.3	7.1	10.0	11.0
Nondurable goods .....	6.3	6.5	6.8	6.5	6.9	8.0	8.3	8.6	8.4	8.1	7.9	9.2	9.9
Transportation and public utilities .....	3.6	3.2	3.8	4.2	4.2	4.9	5.6	5.2	5.7	5.4	4.4	5.5	6.0
Wholesale and retail trade .....	6.6	6.5	6.5	6.4	6.6	7.5	7.7	7.9	7.7	7.8	8.1	8.6	9.3
Finance and service industries .....	5.0	4.8	5.0	4.8	4.8	5.4	5.6	5.6	5.8	5.8	5.8	6.2	6.5
Government workers .....	3.9	3.6	3.6	3.9	4.0	4.0	4.2	4.3	4.4	4.7	4.6	5.0	4.9
Agricultural wage and salary workers .....	8.3	8.9	9.8	10.0	10.0	11.4	11.7	10.8	11.8	11.2	11.3	14.1	14.3

<sup>1</sup> Unemployment as a percent of the civilian labor force.

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons

as a percent of potentially available labor force hours.

<sup>3</sup> Includes mining, not shown separately.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-48. Unemployed persons by duration of unemployment, seasonally adjusted**

[Numbers in thousands]

Weeks of unemployment	1979				1980				1981				1982	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
<b>DURATION</b>														
Both sexes, 16 years and over:														
Less than 5 weeks .....	2,840	2,878	3,047	3,046	3,132	3,498	3,351	3,196	3,278	3,290	3,393	3,865	3,822	
5 to 14 weeks .....	1,962	1,876	1,944	1,994	2,163	2,636	2,685	2,455	2,370	2,500	2,455	2,861	3,066	
15 weeks and over .....	1,302	1,232	1,163	1,245	1,385	1,745	2,146	2,347	2,327	2,260	2,212	2,343	2,692	
15 to 25 weeks .....	743	700	653	705	825	1,012	1,229	1,235	1,084	1,112	1,107	1,195	1,420	
27 weeks and over .....	559	533	510	540	560	733	917	1,113	1,243	1,148	1,105	1,148	1,272	
Average (mean duration, in weeks .....	11.3	10.8	10.5	10.6	10.7	11.2	12.4	13.4	14.1	13.8	14.0	13.2	13.8	
Median duration, in weeks .....	5.9	5.7	5.4	5.5	5.7	6.1	7.3	7.4	7.2	7.2	7.0	6.8	7.4	
<b>PERCENT DISTRIBUTION</b>														
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Less than 5 weeks .....	46.5	48.1	49.5	48.5	46.9	44.4	41.0	40.0	41.1	40.9	42.1	42.6	39.9	
5 to 14 weeks .....	32.1	31.3	31.6	31.7	32.4	33.5	32.8	30.7	29.7	31.1	30.5	31.5	32.0	
15 weeks and over .....	21.3	20.6	19.9	19.8	20.7	22.2	26.2	29.3	29.2	28.1	27.4	25.8	28.1	
15 to 26 weeks .....	12.2	11.7	10.6	11.2	12.4	12.8	15.0	15.4	13.6	13.8	13.7	13.2	14.8	
27 weeks and over .....	9.2	8.9	8.3	8.6	8.4	9.3	11.2	13.9	15.6	14.3	13.7	12.7	13.3	

**A-49. Unemployment rates by sex and age, seasonally adjusted**

Sex and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>Total, 16 years and over .....</b>	5.9	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8
16 to 19 years .....	16.0	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9
16 to 17 years .....	18.6	18.3	17.6	18.0	18.5	19.9	21.2	20.6	21.2	21.8	20.7	22.0	22.5
18 to 19 years .....	14.1	14.4	15.2	15.0	14.8	16.5	16.9	16.7	17.5	17.5	18.0	20.5	21.5
20 to 24 years .....	9.0	8.8	9.3	9.5	10.1	11.9	12.2	12.0	11.9	12.3	11.9	13.1	14.0
25 years and over .....	4.0	3.8	3.9	4.0	4.3	5.2	5.5	5.3	5.2	5.2	5.3	6.1	6.5
25 to 54 years .....	4.2	4.0	4.1	4.3	4.7	5.6	6.0	5.8	5.6	5.5	5.6	6.5	6.9
55 years and over .....	3.0	3.0	3.0	2.9	3.0	3.4	3.4	3.4	3.5	3.4	3.6	3.9	4.4
<b>Males, 16 years and over .....</b>	5.1	4.9	5.1	5.3	5.8	7.2	7.7	7.3	7.1	7.1	7.0	8.3	8.8
16 to 19 years .....	16.3	15.5	16.0	15.7	15.8	18.3	19.6	19.4	19.9	19.8	19.5	21.4	22.7
16 to 17 years .....	19.3	17.7	16.9	17.7	18.0	20.4	22.0	21.6	22.1	22.9	21.0	22.1	23.4
18 to 19 years .....	14.0	14.0	15.2	14.1	14.2	17.0	17.8	17.9	18.4	17.8	18.3	20.8	22.1
20 to 24 years .....	8.5	8.2	8.9	9.3	10.6	13.0	13.6	13.1	12.9	13.2	12.5	14.3	15.3
25 years and over .....	3.3	3.2	3.3	3.5	3.9	5.0	5.4	5.0	4.9	4.7	4.9	5.9	6.4
25 to 54 years .....	3.4	3.2	3.4	3.7	4.1	5.3	5.9	5.4	5.2	5.1	5.2	6.4	6.8
55 years and over .....	2.9	2.9	3.0	2.8	3.0	3.4	3.6	3.3	3.3	3.3	3.4	4.0	4.4
<b>Females, 16 years and over .....</b>	6.9	6.8	6.8	6.8	6.9	7.5	7.6	7.7	7.7	7.7	7.8	8.4	8.8
16 to 19 years .....	15.7	16.6	16.6	16.8	17.0	17.3	17.7	16.8	18.1	18.5	18.8	20.7	21.1
16 to 17 years .....	17.8	19.0	18.4	18.3	19.2	19.4	20.2	19.6	20.2	20.6	20.3	21.8	21.3
18 to 19 years .....	14.1	14.9	15.3	15.9	15.5	15.9	16.0	15.3	16.6	17.1	17.7	20.2	20.9
20 to 24 years .....	9.5	9.5	9.8	9.7	9.6	10.7	10.6	10.7	10.7	11.1	11.3	11.6	12.4
25 years and over .....	5.0	4.8	4.8	4.8	5.0	5.5	5.6	5.8	5.8	5.7	5.8	6.3	6.6
25 to 54 years .....	5.4	5.2	5.1	5.1	5.4	6.0	6.2	6.2	6.2	6.2	6.2	6.8	7.1
55 years and over .....	3.3	3.2	3.2	3.1	3.0	3.3	3.2	3.5	3.9	3.5	3.9	3.9	4.2

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-50. Unemployed persons by reason for unemployment, seasonally adjusted**

[Numbers in thousands]

Reason for unemployment	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>NUMBER OF UNEMPLOYED</b>													
Both sexes, 16 years and over:													
Job losers .....	2,590	2,450	2,647	2,853	3,157	4,094	4,467	4,281	4,007	4,054	4,133	4,940	5,327
On layoff .....	816	768	854	978	1,128	1,691	1,802	1,527	1,313	1,321	1,318	1,833	1,809
Other job losers .....	1,774	1,582	1,733	1,875	2,029	2,402	2,665	2,754	2,694	2,734	2,815	3,107	3,517
Job leavers .....	905	881	877	857	839	935	902	889	912	934	909	938	895
Reentrants .....	1,793	1,783	1,844	1,808	1,838	1,943	1,953	1,980	2,047	2,063	2,057	2,254	2,202
New entrants .....	846	817	782	824	830	844	914	933	982	972	963	1,006	1,066
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	42.2	41.3	43.0	45.0	47.4	52.4	54.2	53.2	50.4	50.5	51.3	54.1	56.1
On layoff .....	13.3	12.9	13.9	15.4	16.9	21.6	21.9	19.0	16.5	16.5	16.3	20.1	19.1
Other job losers .....	28.9	28.4	29.2	29.6	30.5	30.7	32.4	34.2	33.9	34.1	34.9	34.0	37.1
Job leavers .....	14.8	14.9	14.3	13.5	12.6	12.0	10.9	11.0	11.5	11.6	11.3	10.3	9.4
Reentrants .....	29.2	30.1	33.0	28.5	27.6	24.9	23.7	24.6	25.8	25.7	25.5	24.7	23.2
New entrants .....	13.8	13.8	12.7	13.0	12.5	10.8	11.1	11.2	12.4	12.1	11.9	11.0	11.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	2.5	2.3	2.5	2.7	3.0	3.8	4.2	4.0	3.7	3.7	3.8	4.5	4.9
Job leavers .....	.9	.8	.8	.8	.8	.9	.8	.8	.8	.9	.8	.9	.8
Reentrants .....	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1	2.0
New entrants .....	.8	.8	.7	.8	.8	.8	.9	.8	.9	.9	.9	.9	1.0

**A-51. Employed persons by sex and age, seasonally adjusted**

[In thousands]

Sex and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>Total, 16 years and over .....</b>	<b>98,206</b>	<b>98,349</b>	<b>99,112</b>	<b>99,653</b>	<b>99,784</b>	<b>98,953</b>	<b>99,006</b>	<b>99,493</b>	<b>100,125</b>	<b>100,784</b>	<b>100,654</b>	<b>100,043</b>	<b>99,554</b>
16 to 19 years .....	8,186	8,081	8,005	8,070	7,955	7,717	7,593	7,573	7,476	7,341	7,176	6,914	6,733
16 to 17 years .....	3,398	3,317	3,288	3,359	3,250	3,116	3,043	3,017	2,993	2,890	2,837	2,747	2,679
18 to 19 years .....	4,792	4,749	4,711	4,723	4,705	4,593	4,557	4,554	4,481	4,443	4,332	4,180	4,064
20 to 24 years .....	14,302	14,336	14,357	14,320	14,246	14,026	14,002	14,095	14,158	14,150	14,181	13,994	13,805
25 years and over .....	75,714	75,954	76,752	77,247	77,570	77,240	77,431	77,802	78,470	79,324	79,315	79,104	78,994
25 to 54 years .....	61,094	61,421	62,202	62,605	62,941	62,676	62,877	63,352	63,988	64,706	64,873	64,755	64,741
55 years and over .....	14,622	14,502	14,572	14,643	14,639	14,533	14,576	14,445	14,484	14,593	14,459	14,349	14,246
<b>Males, 16 years and over .....</b>	<b>57,444</b>	<b>57,497</b>	<b>57,729</b>	<b>57,785</b>	<b>57,743</b>	<b>56,996</b>	<b>56,835</b>	<b>57,187</b>	<b>57,395</b>	<b>57,621</b>	<b>57,554</b>	<b>57,014</b>	<b>56,585</b>
16 to 19 years .....	4,323	4,314	4,292	4,287	4,265	4,109	3,986	3,976	3,947	3,854	3,768	3,687	3,536
16 to 17 years .....	1,808	1,801	1,789	1,793	1,780	1,685	1,618	1,609	1,593	1,512	1,511	1,488	1,424
18 to 19 years .....	2,513	2,501	2,500	2,494	2,493	2,417	2,378	2,363	2,354	2,338	2,261	2,204	2,117
20 to 24 years .....	7,765	7,802	7,809	7,789	7,707	7,519	7,433	7,489	7,520	7,512	7,577	7,401	7,285
25 years and over .....	45,349	45,394	45,636	45,693	45,763	45,389	45,434	45,698	45,913	46,281	46,219	45,898	45,745
25 to 54 years .....	36,417	36,550	36,729	36,803	36,860	36,556	36,619	36,904	37,118	37,487	37,530	37,287	37,178
55 years and over .....	8,939	8,839	8,912	8,882	8,906	8,831	8,820	8,785	8,797	8,795	8,691	8,606	8,561
<b>Females, 16 years and over .....</b>	<b>40,762</b>	<b>40,852</b>	<b>41,383</b>	<b>41,868</b>	<b>42,041</b>	<b>41,957</b>	<b>42,171</b>	<b>42,311</b>	<b>42,730</b>	<b>43,163</b>	<b>43,100</b>	<b>43,029</b>	<b>42,968</b>
16 to 19 years .....	3,863	3,767	3,714	3,783	3,690	3,608	3,607	3,597	3,529	3,486	3,408	3,227	3,196
16 to 17 years .....	1,590	1,516	1,499	1,562	1,469	1,432	1,422	1,409	1,400	1,378	1,326	1,258	1,255
18 to 19 years .....	2,279	2,248	2,212	2,230	2,224	2,176	2,179	2,190	2,127	2,106	2,071	1,976	1,947
20 to 24 years .....	6,537	6,533	6,548	6,531	6,539	6,506	6,569	6,607	6,639	6,538	6,604	6,594	6,520
25 years and over .....	30,365	30,560	31,116	31,554	31,807	31,851	31,997	32,104	32,557	33,043	33,096	33,205	33,250
25 to 54 years .....	24,677	24,871	25,474	25,802	26,081	26,120	26,257	26,448	26,870	27,219	27,343	27,467	27,563
55 years and over .....	5,683	5,684	5,661	5,762	5,733	5,702	5,755	5,660	5,687	5,798	5,768	5,742	5,685

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-52. Employed persons by selected social and economic categories, seasonally adjusted**

(In thousands)

Category	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total, 16 years and over	98,206	98,349	99,112	99,653	99,784	98,953	99,006	99,498	100,125	100,784	100,654	100,043	99,554
Married men, spouse present	39,807	39,655	39,386	39,619	39,484	38,930	38,699	38,914	38,980	39,079	38,926	38,547	38,223
Married women, spouse present	22,873	22,898	23,278	23,466	23,576	23,520	23,486	23,558	23,850	24,092	23,943	23,795	23,790
<b>OCCUPATION</b>													
White-collar workers	49,670	50,101	50,573	51,004	51,408	51,580	52,177	52,280	52,754	52,943	52,985	53,123	52,813
Professional and technical Managers and administrators, except farm	15,214	15,394	15,416	15,497	15,738	15,967	16,015	16,161	16,225	16,227	16,528	16,704	16,691
Sales workers	6,171	6,243	6,287	6,428	6,363	6,162	6,329	6,357	6,384	6,455	6,435	6,423	6,567
Clerical workers	17,757	17,810	18,037	18,203	18,353	18,485	18,578	18,475	18,506	18,756	18,999	18,496	18,337
Blue-collar workers	32,734	32,453	32,710	32,783	32,397	31,325	30,860	31,297	31,211	31,673	31,886	30,660	30,309
Craft and kindred workers	13,065	13,039	13,147	13,227	13,029	12,759	12,653	12,724	12,710	12,828	12,675	12,434	12,445
Operatives, except transport equipment	11,160	10,969	11,133	11,181	10,875	10,507	10,343	10,540	10,556	10,703	10,634	10,266	9,927
operatives	3,666	3,688	3,567	3,656	3,650	3,529	3,463	3,484	3,439	3,481	3,521	3,462	3,438
Nonfarm laborers	4,843	4,757	4,763	4,719	4,844	4,529	4,401	4,549	4,505	4,661	4,556	4,497	4,499
Service workers	13,038	13,057	13,024	13,225	13,247	13,213	13,253	13,209	13,358	13,384	13,400	13,611	13,616
Farm workers	2,794	2,694	2,734	2,735	2,756	2,712	2,720	2,793	2,748	2,761	2,741	2,744	2,771
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
<b>Agriculture</b>													
Wage and salary workers	1,442	1,448	1,443	1,469	1,468	1,423	1,389	1,437	1,428	1,499	1,486	1,430	1,407
Self-employed workers	1,592	1,551	1,604	1,622	1,628	1,628	1,661	1,648	1,642	1,660	1,525	1,625	1,638
Unpaid family workers	310	295	314	299	286	287	301	313	296	261	252	270	339
<b>Nonagricultural industries</b>													
Wage and salary workers	87,713	87,834	88,365	89,010	89,023	88,297	88,237	88,621	89,234	89,941	89,781	89,230	88,624
Government	15,536	15,625	15,668	15,717	15,795	15,978	15,949	15,939	15,931	15,789	15,546	15,491	15,532
Private industries	72,177	72,209	72,698	73,293	73,228	72,319	72,289	72,682	73,303	74,152	74,235	73,739	73,091
Private households	1,310	1,224	1,266	1,259	1,174	1,208	1,212	1,172	1,215	1,206	1,192	1,219	1,211
Other industries	70,867	70,985	71,431	72,035	72,054	71,111	71,076	71,510	72,087	72,946	73,042	72,520	71,880
Self-employed workers	6,665	6,725	6,875	6,895	6,965	6,890	7,037	7,107	7,058	7,081	7,130	7,117	7,051
Unpaid family workers	476	478	470	422	402	420	419	409	393	352	392	429	417
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries	89,112	89,268	90,558	90,616	90,611	89,861	89,817	90,553	91,338	91,446	91,660	91,210	90,522
Full-time schedules	73,528	73,687	74,617	74,585	74,366	73,160	72,960	73,871	74,441	74,608	74,627	73,720	72,827
Part-time for economic reasons	3,290	3,386	3,354	3,460	3,546	4,171	4,293	4,216	4,323	4,166	4,460	5,108	5,450
Usually work full-time	1,289	1,319	1,389	1,472	1,504	1,871	1,816	1,664	1,666	1,572	1,723	2,024	2,071
Usually work part-time	2,001	2,067	1,964	1,988	2,042	2,300	2,474	2,553	2,657	2,594	2,737	3,084	3,379
Part-time for noneconomic reasons	12,294	12,196	12,588	12,572	12,700	12,531	12,566	12,465	12,575	12,673	12,573	12,382	12,245

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-53. Persons not in labor force by reason, sex, and race, seasonally adjusted**

[In thousands]

Reason, sex, and race	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Total not in labor force.....	59,429	60,145	59,936	60,083	60,308	60,644	60,307	61,171	61,172	61,002	61,746	61,834	62,367
Do not want job now.....	54,389	54,669	54,029	54,684	54,808	55,068	55,479	55,657	55,245	55,555	56,079	56,053	56,095
Current activity:													
Going to school.....	6,134	6,129	6,044	6,179	6,252	6,386	6,768	6,360	6,304	6,637	6,556	6,522	6,323
Ill, disabled.....	4,604	4,613	4,606	4,610	4,722	4,542	4,194	4,378	4,166	4,256	4,352	4,320	4,020
Keeping house.....	30,018	29,724	29,299	29,274	29,000	29,297	29,302	29,484	28,894	28,762	28,930	28,535	29,103
Retired.....	9,764	10,171	10,163	10,495	10,807	10,723	11,145	11,193	11,520	11,731	11,929	12,140	12,105
Other.....	3,869	4,032	3,916	4,126	4,027	4,120	4,070	4,238	4,361	4,168	4,312	4,536	4,545
Want a job now.....	5,319	5,349	5,660	5,455	5,602	5,626	5,861	5,711	5,927	5,727	5,668	6,019	6,162
Reason not looking:													
School attendance.....	1,393	1,425	1,605	1,522	1,493	1,502	1,631	1,508	1,575	1,562	1,518	1,569	1,641
Ill health, disability.....	746	704	799	784	771	744	806	714	802	726	708	832	775
Home responsibilities.....	1,228	1,271	1,296	1,278	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,374	1,347
Think cannot get job.....	719	841	762	781	948	955	1,006	1,063	1,093	1,043	1,094	1,199	1,339
Job-market factors.....	497	538	541	487	601	648	587	720	849	718	801	883	1,074
Personal factors.....	222	303	222	294	347	306	318	343	244	325	293	316	264
Other reasons <sup>1</sup> .....	1,233	1,108	1,198	1,090	1,060	1,193	1,134	1,215	1,171	1,096	1,171	1,046	1,061
<b>Males</b>													
Total not in labor force.....	16,924	17,345	17,323	17,552	17,646	17,811	18,008	18,137	18,299	18,325	18,734	18,733	19,122
Do not want job now.....	15,340	15,651	15,444	15,785	15,960	15,972	16,198	16,387	16,336	16,588	16,952	16,862	16,837
Want a job now.....	1,704	1,620	1,893	1,752	1,751	1,840	1,954	1,842	1,947	1,861	1,831	2,000	2,096
Reason not looking:													
School attendance.....	697	710	854	758	720	772	852	745	813	775	725	787	901
Ill health, disability.....	355	282	370	344	321	348	367	299	372	329	323	414	319
Think cannot get job.....	283	283	292	290	358	332	382	361	375	414	383	435	516
Other reasons <sup>1</sup> .....	368	346	376	360	352	388	353	437	387	343	399	365	360
<b>Females</b>													
Total not in labor force.....	42,505	42,800	42,613	42,531	42,662	42,834	42,899	43,034	42,872	42,677	43,012	43,101	43,245
Do not want job now.....	39,049	39,018	38,584	38,899	38,848	39,097	39,281	39,270	38,909	38,966	39,127	39,191	39,259
Want a job now.....	3,615	3,729	3,767	3,703	3,852	3,786	3,906	3,869	3,980	3,866	3,836	4,019	4,067
Reason not looking:													
School attendance.....	696	715	750	765	772	730	778	763	761	787	793	782	740
Ill health, disability.....	391	423	429	439	450	396	439	415	430	397	385	418	456
Home responsibilities.....	1,228	1,271	1,296	1,278	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,374	1,347
Think cannot get job.....	436	558	470	491	591	623	624	702	718	630	711	764	823
Other reasons.....	865	762	822	730	708	804	781	778	784	753	772	681	701
<b>White</b>													
Total not in labor force.....	51,546	52,182	52,041	52,100	52,031	52,305	52,702	52,873	52,501	52,420	53,106	53,240	53,623
Do not want job now.....	47,746	48,191	47,703	47,865	47,885	48,194	48,472	48,658	48,259	48,370	48,902	48,852	49,065
Want a job now.....	4,015	4,029	4,262	4,100	4,283	4,201	4,226	4,178	4,333	4,133	4,116	4,401	4,414
Reason not looking:													
School attendance.....	1,014	988	1,164	1,129	1,070	1,106	1,101	1,069	1,116	1,057	990	1,156	1,177
Ill health, disability.....	536	523	552	522	555	554	543	502	564	523	504	568	513
Home responsibilities.....	946	969	992	1,002	1,101	957	981	926	959	983	863	1,034	1,006
Think cannot get job.....	517	601	546	554	670	640	699	684	744	708	744	807	868
Other reasons.....	1,002	947	1,008	893	886	943	903	997	950	863	1,015	836	850
<b>Black and other</b>													
Total not in labor force.....	7,889	7,944	7,919	7,972	8,279	8,310	8,213	8,316	8,601	8,550	8,653	8,599	8,764
Do not want job now.....	6,482	6,593	6,583	6,720	6,824	6,864	6,699	6,911	6,859	6,933	7,217	7,104	6,844
Want a job now.....	1,330	1,281	1,383	1,323	1,373	1,393	1,599	1,493	1,665	1,558	1,558	1,589	1,836
Reason not looking:													
School attendance.....	389	418	406	417	429	377	474	471	467	483	497	451	473
Ill health, disability.....	217	196	239	237	228	206	251	186	256	220	203	234	277
Home responsibilities.....	293	285	310	275	247	262	300	287	342	303	312	348	361
Think cannot get job.....	216	230	217	210	301	309	310	356	387	326	351	364	521
Other reasons.....	215	154	212	184	168	240	264	194	213	226	194	192	204

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."



**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-54. Persons not in labor force by reason, sex, and age**

[In thousands]

Reason and sex	Total		Age								
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over		
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	
<b>TOTAL</b>											
Total not in labor force	62,101	63,131	7,909	8,060	4,984	5,083	21,995	21,944	27,212	28,045	
Do not want a job now	55,855	56,636	6,283	6,285	3,928	4,070	19,149	18,869	26,496	27,410	
Current activity:											
Going to school	7,950	7,974	5,373	5,362	1,808	1,873	760	729	8	9	
Ill, disabled	4,166	4,009	39	39	129	123	1,911	1,980	2,086	1,866	
Keeping house	28,542	28,719	484	463	1,554	1,549	14,038	13,737	12,467	12,970	
Retired	11,539	12,127	--	--	--	6	246	286	11,294	11,835	
Other	3,658	3,807	387	421	437	519	2,194	2,137	641	730	
Want a job now	6,246	6,495	1,626	1,774	1,056	1,015	2,847	2,838	716	634	
Reason not looking:											
School attendance	1,859	1,926	1,304	1,400	344	302	200	218	12	6	
Ill health, disability	852	822	14	31	75	52	540	555	223	185	
Home responsibilities	1,266	1,329	72	93	275	306	881	889	39	40	
Think cannot get job	1,151	1,409	131	160	166	200	625	819	228	230	
Job-market factors	852	1,083	83	133	137	156	507	659	125	135	
Personal factors	300	326	49	27	28	43	120	160	103	96	
Other reasons <sup>1</sup>	1,118	1,009	105	90	196	155	601	592	214	173	
<b>Males</b>											
Total not in labor force	18,945	19,616	3,663	3,790	1,598	1,661	3,517	3,608	10,167	10,557	
Do not want a job now	16,809	17,315	2,857	2,862	1,244	1,327	2,885	2,901	9,825	10,221	
Current activity:											
Going to school	3,883	3,938	2,605	2,630	933	970	343	334	3	1	
Ill, disabled	2,142	2,191	22	21	71	68	1,028	1,142	1,023	960	
Keeping house	299	283	12	11	4	5	99	82	183	184	
Retired	8,342	8,793	--	--	--	6	219	231	8,123	8,557	
Other	2,143	2,110	218	200	236	278	1,196	1,112	493	519	
Want a job now	2,135	2,300	806	927	354	333	633	707	342	336	
Reason not looking:											
School attendance	961	1,060	690	777	182	180	82	101	6	4	
Ill health, disability	404	348	5	14	47	23	235	219	117	92	
Think cannot get job	398	546	67	86	59	81	164	262	109	117	
Other reasons <sup>1</sup>	372	346	44	50	66	49	152	125	110	123	
<b>Females</b>											
Total not in labor force	43,156	43,515	4,246	4,269	3,386	3,422	18,478	18,336	17,046	17,488	
Do not want a job now	39,045	39,320	3,426	3,423	2,684	2,740	16,264	15,968	16,671	17,190	
Current activity:											
Going to school	4,067	4,035	2,770	2,732	875	901	418	395	5	8	
Ill, disabled	2,024	1,818	17	18	58	55	884	837	1,065	906	
Keeping house	28,243	28,436	471	452	1,550	1,543	13,937	13,657	12,284	12,786	
Retired	3,196	3,334	--	--	--	--	26	55	3,170	3,278	
Other	1,515	1,697	168	221	201	241	999	1,024	147	212	
Want a job now	4,111	4,195	820	847	702	683	2,215	2,367	373	297	
Reason not looking:											
School attendance	898	866	613	623	162	123	117	118	6	1	
Ill health, disability	448	474	9	17	28	29	305	336	105	93	
Home responsibilities	1,266	1,329	72	93	275	306	881	889	39	40	
Think cannot get job	753	863	64	74	107	119	462	556	119	113	
Other reasons <sup>1</sup>	746	663	62	40	130	106	450	468	104	50	

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54, A-55, and A-57 may not add to not-in-labor-force totals because of differences in the weighting patterns used in aggregating these data.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-55. Persons not in labor force by reason, race, age, and sex**

[In thousands]

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
<b>WHITE</b>												
Total not in labor force	53,345	54,230	9,986	10,243	18,750	18,678	24,609	25,309	15,906	16,535	37,439	37,695
Do not want a job now	48,815	49,606	8,134	8,348	16,635	16,467	24,044	24,790	14,410	14,856	34,405	34,750
Current activity:												
Going to school	6,270	6,461	5,694	5,894	566	562	8	8	3,110	3,204	3,160	3,257
Ill, disabled	3,376	3,270	128	110	1,516	1,590	1,733	1,568	1,729	1,794	1,647	1,476
Keeping house	25,753	25,886	1,728	1,678	12,521	12,327	11,505	11,880	234	219	25,519	25,667
Retired	10,433	10,944	—	6	222	268	10,211	10,669	7,603	7,995	2,830	2,949
Other	2,983	3,045	584	660	1,810	1,720	587	665	1,734	1,644	1,249	1,401
Want a job now	4,532	4,624	1,849	1,897	2,114	2,213	567	522	1,497	1,679	3,035	2,945
Reason not looking:												
School attendance	1,294	1,357	1,148	1,205	138	149	9	3	654	784	640	573
Ill health, disability	597	542	62	46	367	370	168	130	274	248	323	294
Home responsibilities	922	970	210	245	678	695	35	29	—	—	922	970
Think cannot get job	804	939	192	218	444	528	166	195	282	360	522	579
Other reasons <sup>1</sup>	915	816	237	183	487	471	189	165	287	287	628	529
<b>BLACK AND OTHER</b>												
Total not in labor force	8,756	8,901	2,907	2,900	3,245	3,266	2,604	2,736	3,038	3,081	5,717	5,820
Do not want a job now	7,043	7,029	2,078	2,004	2,508	2,404	2,454	2,621	2,401	2,458	4,642	4,571
Current activity:												
Going to school	1,682	1,512	1,489	1,339	193	169	—	2	774	734	908	778
Ill, disabled	791	739	40	52	394	391	354	298	414	397	377	342
Keeping house	2,788	2,832	310	332	1,515	1,410	963	1,090	64	63	2,724	2,769
Retired	1,107	1,183	—	—	24	17	1,083	1,166	740	798	367	385
Other	675	763	239	281	382	417	54	65	409	466	266	297
Want a job now	1,714	1,872	833	894	735	860	149	125	638	622	1,076	1,250
Reason not looking:												
School attendance	564	569	499	498	63	69	3	2	306	276	258	293
Ill health, disability	255	280	28	37	173	186	55	55	130	100	125	180
Home responsibilities	344	359	136	154	203	194	4	11	—	—	344	359
Think cannot get job	347	470	105	142	182	290	63	47	116	186	231	284
Other reasons <sup>1</sup>	204	194	65	63	114	121	24	10	86	60	118	134

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."

**A-56. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, and race**

[In thousands]

Reason and sex	1st Quarter 1982						
	Total	Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black and other
<b>TOTAL</b>							
Personal factors:							
Employers think too young or old	113	3	—	21	89	92	
Lacks education or training	132	8	34	89	2	90	
Other personal handicap	81	16	9	50	5	56	
Job-market factors:							
Could not find job	561	81	93	331	56	302	
Thinks no job available	522	52	63	328	79	401	
<b>Males</b>							
Personal factors:							
Employers think too young or old	45	2	—	7	36	32	
Lacks education or training	44	5	15	22	2	26	
Other personal handicap	32	10	5	14	2	18	
Job-market factors:							
Could not find job	243	46	47	111	39	145	
Thinks no job available	182	24	14	107	38	139	
<b>Females</b>							
Personal factors:							
Employers think too young or old	68	2	—	14	52	60	
Lacks education or training	88	3	18	66	—	64	
Other personal handicap	49	6	4	37	3	38	
Job-market factors:							
Could not find job	318	35	46	220	17	157	
Thinks no job available	340	28	50	221	40	262	

## HOUSEHOLD DATA QUARTERLY AVERAGES

**A-57. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race**

[Numbers in thousands]

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>Total, not in labor force</b>	62,101	63,131	12,893	13,143	21,995	21,944	27,212	28,045	53,345	54,230	8,756	8,901
Never worked	10,163	10,390	5,396	5,537	2,312	2,286	2,455	2,567	7,932	8,026	2,232	2,364
Last worked over 5 years ago	30,739	30,957	310	291	10,767	10,553	19,661	20,113	27,239	27,335	3,500	3,622
Last worked 1 to 5 years ago	10,652	11,337	1,911	2,007	5,189	5,550	3,551	3,779	9,125	9,782	1,526	1,555
Left job during previous 12 months	10,546	10,446	5,275	5,306	3,726	3,555	1,544	1,585	9,048	9,086	1,498	1,359
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	42.2	44.0	58.6	59.6	34.6	38.0	5.0	5.2	43.3	46.0	35.7	30.8
Ill health, disability	7.1	6.5	1.5	1.8	12.5	11.0	13.3	12.2	6.7	5.7	10.0	11.9
Retirement, old age	8.0	10.0	--	--	3.0	4.4	47.3	55.5	8.8	10.8	3.3	4.4
Economic reasons	23.9	23.9	22.1	21.7	26.2	28.8	24.6	20.3	22.8	22.4	30.0	34.0
End of seasonal job	9.4	9.4	10.1	11.3	8.3	8.2	9.5	6.2	8.6	8.6	13.9	15.4
Slack work	7.6	8.8	6.1	6.0	9.8	13.4	7.2	7.6	7.1	8.2	10.5	12.8
End of temporary job	6.9	5.6	5.8	4.4	8.0	17.1	7.9	6.6	7.1	5.6	5.7	5.7
All other reasons	18.7	15.6	17.8	16.9	23.7	17.8	9.9	6.8	18.3	15.1	20.9	18.9
<b>Males, not in labor force</b>	18,945	19,616	5,261	5,451	3,517	3,608	10,167	10,557	15,906	16,535	3,038	3,081
Never worked	2,489	2,637	2,184	2,335	258	271	47	32	1,726	1,791	764	846
Last worked over 5 years ago	8,484	8,772	49	57	1,344	1,326	7,092	7,388	7,416	7,610	1,068	1,162
Last worked 1 to 5 years ago	3,673	3,898	540	553	1,032	1,172	2,103	2,173	3,079	3,380	594	519
Left job during previous 12 months	4,297	4,308	2,490	2,506	883	838	926	963	3,685	3,753	612	554
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	37.5	37.8	57.9	57.1	16.7	20.9	2.6	2.3	38.4	39.4	32.4	26.5
Ill health, disability	8.6	8.0	1.8	1.6	23.3	22.8	12.9	11.6	8.3	6.9	10.5	15.5
Retirement, old age	13.8	15.7	--	--	9.8	9.0	54.5	62.5	15.2	16.8	5.7	8.8
Economic reasons	23.8	24.1	23.9	24.6	25.2	27.2	20.3	22.4	23.1	23.1	32.4	31.0
End of seasonal job	10.5	9.8	11.2	12.0	9.2	6.1	9.8	7.6	9.7	9.1	15.4	15.0
Slack work	7.5	8.9	6.2	7.1	12.2	17.6	6.5	6.2	7.1	8.7	10.0	10.1
End of temporary job	5.8	5.4	6.5	5.6	3.8	3.6	5.8	6.4	5.6	5.3	7.0	6.0
All other reasons	16.2	14.3	16.4	16.7	24.9	20.1	7.9	3.3	15.8	13.8	19.1	18.1
<b>Females, not in labor force</b>	43,156	43,515	7,632	7,691	18,478	18,336	17,046	17,488	37,439	37,695	5,717	5,820
Never worked	7,673	7,753	3,213	3,204	2,051	2,015	2,409	2,535	6,206	6,235	1,468	1,518
Last worked over 5 years ago	22,255	22,185	261	233	9,425	9,225	12,569	12,725	19,823	19,725	2,432	2,460
Last worked 1 to 5 years ago	6,978	7,439	1,372	1,453	4,157	4,379	1,449	1,606	6,046	6,402	932	1,036
Left job during previous 12 months	6,249	6,138	2,785	2,800	2,844	2,716	620	621	5,363	5,333	886	805
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	45.5	48.4	59.1	61.8	40.1	43.4	8.4	9.8	46.7	50.6	38.0	33.7
Ill health, disability	6.2	5.5	1.4	2.0	9.2	7.3	13.9	12.9	5.6	4.9	9.7	9.4
Retirement, old age	4.0	5.9	--	--	9	3.1	36.5	44.7	4.4	6.6	1.7	1.4
Economic reasons	23.9	23.7	20.4	19.1	26.4	29.1	28.3	20.4	23.2	21.8	28.4	36.0
End of seasonal job	8.6	9.2	9.2	10.7	8.0	8.8	9.0	4.0	7.9	8.2	12.9	15.8
Slack work	7.6	8.7	6.0	5.1	9.1	12.2	8.2	9.6	7.1	7.8	10.8	14.6
End of temporary job	7.6	5.8	5.2	3.4	9.3	8.1	11.0	6.6	8.1	5.9	4.7	5.6
All other reasons	20.4	16.5	19.1	17.0	23.3	17.1	12.9	12.2	20.1	16.1	22.1	19.5

**A-58. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race**

[In thousands]

Work-seeking intentions, work history, and sex	Total		Age						Race				
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other		
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	
<b>Total</b>	51,414	51,739	6,593	6,375	18,318	17,990	26,503	27,373	44,985	45,314	6,429	6,424	
Do not intend to seek work	10,686	11,391	6,300	6,766	3,677	3,952	708	671	8,359	8,914	2,326	2,476	
Intend to seek work in the next 12 months	2,045	2,194	1,874	2,026	153	163	18	5	1,454	1,507	590	687	
Never worked	1,155	1,247	59	73	890	1,003	206	172	865	931	291	316	
Last worked over 5 years ago	2,140	2,500	802	938	1,120	1,309	217	254	1,599	1,865	540	634	
Last worked 1 to 5 years ago	5,346	5,450	3,566	3,730	1,513	1,479	265	239	4,441	4,611	906	839	
<b>Males</b>	14,860	15,155	2,379	2,294	2,708	2,655	9,774	10,204	12,728	12,974	2,133	2,180	
Do not intend to seek work	4,084	4,460	2,882	3,157	808	952	393	352	3,178	3,560	905	900	
Intend to seek work in the next 12 months	813	964	790	926	21	37	3	--	574	651	239	313	
Never worked	204	225	8	22	112	127	85	78	126	146	78	79	
Last worked over 5 years ago	691	790	304	337	245	308	141	145	486	618	205	172	
Last worked 1 to 5 years ago	2,375	2,481	1,780	1,871	431	479	165	129	1,992	2,145	384	336	
Worked during previous 12 months	<b>Females</b>	36,553	36,584	4,213	4,081	15,610	15,334	16,730	17,168	32,257	32,340	4,296	4,244
Do not intend to seek work	6,602	6,931	3,419	3,610	2,868	3,001	315	319	5,181	5,354	1,421	1,576	
Intend to seek work in the next 12 months	1,231	1,230	1,083	1,099	132	124	16	5	880	856	351	374	
Never worked	952	1,022	51	51	779	876	122	95	739	785	213	237	
Last worked over 5 years ago	1,448	1,710	497	600	875	1,000	76	109	1,113	1,247	335	462	
Last worked 1 to 5 years ago	2,971	2,969	1,787	1,860	1,081	999	102	110	2,449	2,466	522	503	
Worked during previous 12 months													

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-59. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin**

[Numbers in thousands]

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>TOTAL</b>								
Civilian noninstitutional population	169,279	171,497	147,148	148,943	18,076	18,450	9,113	9,346
Civilian labor force	107,178	108,367	93,803	94,713	10,825	11,048	5,818	5,938
Percent of population	63.3	63.2	63.7	63.6	59.9	59.9	63.8	63.5
<b>Employed</b>	98,635	98,083	87,064	86,653	9,208	9,080	5,145	5,167
Agriculture	2,894	2,900	2,643	2,647	177	185	212	204
Nonagricultural industries	95,740	95,183	84,421	84,006	9,031	8,894	4,933	4,963
<b>Unemployed</b>	8,544	10,284	6,739	8,061	1,616	1,969	673	771
Unemployment rate	8.0	9.5	7.2	8.5	14.9	17.8	11.6	13.0
Not in labor force	62,101	63,131	53,345	54,230	7,251	7,402	3,295	3,408
<b>Males, 20 years and over</b>								
Civilian noninstitutional population	71,946	73,205	63,263	64,336	6,941	7,122	3,791	3,871
Civilian labor force	56,664	57,380	50,187	50,755	5,128	5,275	3,215	3,298
Percent of population	78.8	78.4	79.3	78.9	73.9	74.1	84.8	85.2
<b>Employed</b>	52,668	52,267	46,952	46,686	4,458	4,348	2,879	2,910
Agriculture	2,163	2,175	1,957	1,954	150	171	170	172
Nonagricultural industries	50,505	50,091	44,995	44,732	4,309	4,177	2,708	2,737
<b>Unemployed</b>	3,997	5,113	3,235	4,069	670	928	337	389
Unemployment rate	7.1	8.9	6.4	8.0	13.1	17.6	10.5	11.8
Not in labor force	15,282	15,825	13,377	13,581	1,813	1,847	575	573
<b>Females, 20 years and over</b>								
Civilian noninstitutional population	80,966	82,368	70,228	71,375	8,839	9,065	4,159	4,272
Civilian labor force	42,056	43,123	36,091	36,982	4,910	5,044	2,069	2,117
Percent of population	51.9	52.4	51.4	51.8	55.5	55.6	49.7	49.6
<b>Employed</b>	39,226	39,800	33,960	34,473	4,278	4,327	1,868	1,877
Agriculture	481	496	454	474	13	8	20	11
Nonagricultural industries	38,745	39,304	33,507	33,999	4,264	4,319	1,848	1,866
<b>Unemployed</b>	2,830	3,322	2,130	2,509	632	716	201	239
Unemployment rate	6.7	7.7	5.9	6.8	12.9	14.2	9.7	11.3
Not in labor force	38,910	39,246	34,138	34,393	3,929	4,021	2,090	2,156
<b>Both sexes, 16-19 years</b>								
Civilian noninstitutional population	16,367	15,923	13,656	13,232	2,296	2,263	1,163	1,203
Civilian labor force	8,458	7,864	7,526	6,976	787	729	533	523
Percent of population	51.7	49.4	55.1	52.7	34.3	32.2	45.8	43.5
<b>Employed</b>	6,741	6,015	6,152	5,494	472	405	398	380
Agriculture	250	228	233	219	14	6	22	20
Nonagricultural industries	6,491	5,788	5,919	5,275	458	398	377	360
<b>Unemployed</b>	1,717	1,848	1,374	1,483	315	325	135	143
Unemployment rate	20.3	23.5	18.3	21.3	40.0	44.5	25.3	27.4
Not in labor force	7,909	8,060	6,131	6,256	1,509	1,534	630	679

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-60 Employment status of persons of Mexican, Puerto Rican, and Cuban origin  
by sex and age**

[Numbers in thousands]

Employment status, sex, and age	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	1981	1982	1981	1982	1981	1982	1981	1982
<b>TOTAL</b>								
Civilian noninstitutional population .....	9,113	9,346	5,564	5,693	1,029	1,189	732	709
Civilian labor force .....	5,818	5,938	3,707	3,770	503	609	467	425
Percent of population .....	63.8	63.5	66.6	66.2	48.9	51.2	63.8	59.9
Employed .....	5,145	5,167	3,268	3,281	427	516	416	381
Agriculture .....	212	204	192	184	3	5	2	4
Nonagricultural industries .....	4,933	4,963	3,076	3,098	424	511	413	378
Unemployed .....	673	771	439	489	77	92	52	44
Unemployment rate .....	11.6	13.0	11.8	13.0	15.2	15.2	11.1	10.3
Not in labor force .....	3,295	3,408	1,857	1,922	526	581	265	284
<b>Males, 20 years and over</b>								
Civilian noninstitutional population .....	3,791	3,871	2,412	2,428	355	443	324	312
Civilian labor force .....	3,215	3,298	2,108	2,126	267	350	265	238
Percent of population .....	84.8	85.2	87.4	87.6	75.2	79.0	81.8	76.3
Employed .....	2,879	2,910	1,881	1,870	229	304	239	221
Agriculture .....	170	172	154	154	2	5	2	4
Nonagricultural industries .....	2,708	2,737	1,727	1,716	227	300	236	217
Unemployed .....	337	389	227	256	38	46	26	17
Unemployment rate .....	10.5	11.8	10.7	12.0	14.1	13.1	9.8	7.0
Not in labor force .....	575	573	304	302	88	93	59	75
<b>Females, 20 years and over</b>								
Civilian noninstitutional population .....	4,159	4,272	2,422	2,480	513	578	323	330
Civilian labor force .....	2,069	2,117	1,219	1,261	189	200	170	163
Percent of population .....	49.7	49.6	50.3	50.8	36.8	34.6	52.6	49.4
Employed .....	1,868	1,877	1,097	1,123	174	177	153	143
Agriculture .....	20	11	17	10	1	--	--	--
Nonagricultural industries .....	1,848	1,866	1,081	1,113	173	177	153	143
Unemployed .....	201	239	122	138	15	22	17	20
Unemployment rate .....	9.7	11.3	10.0	11.0	7.7	11.2	10.0	12.4
Not in labor force .....	2,090	2,156	1,203	1,219	324	379	153	166
<b>Both sexes, 16-19 years</b>								
Civilian noninstitutional population .....	1,163	1,203	729	785	162	168	85	67
Civilian labor force .....	533	523	380	384	48	58	33	24
Percent of population .....	45.8	43.5	52.1	48.9	29.6	34.5	38.8	35.8
Employed .....	398	380	290	288	23	34	24	17
Agriculture .....	22	20	21	19	--	--	--	--
Nonagricultural industries .....	377	360	269	269	23	34	24	17
Unemployed .....	135	143	90	96	24	24	9	7
Unemployment rate .....	25.3	27.4	23.8	24.9	(2)	(2)	(2)	(2)
Not in labor force .....	630	679	349	401	114	109	52	43

<sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

<sup>2</sup> Percent not shown where base is less than 60,000.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-61. Employed persons by selected social and economic categories, race, and Hispanic origin**

[In thousands]

Category	Total		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>CHARACTERISTIC</b>								
Total, 16 years and over .....	98,635	98,083	87,064	86,653	11,571	11,430	5,145	5,167
Males .....	56,169	55,367	50,140	49,514	6,029	5,854	3,123	3,127
Females .....	42,465	42,715	36,924	37,139	5,541	5,577	2,022	2,040
<b>OCCUPATION</b>								
White-collar workers .....	52,907	52,970	48,126	48,154	4,782	4,816	1,850	1,898
Professional and technical .....	16,519	16,997	14,946	15,371	1,573	1,625	427	446
Managers and administrators, except farm ...	11,648	11,234	10,934	10,570	715	663	361	335
Sales workers .....	6,284	6,464	5,955	6,117	330	347	201	207
Clerical workers .....	18,456	18,275	16,291	16,095	2,164	2,180	861	910
Blue-collar workers .....	30,125	29,246	26,167	25,426	3,958	3,819	2,256	2,251
Craft and kindred workers .....	12,326	12,068	11,243	11,060	1,083	1,008	679	707
Operatives, except transport .....	10,369	9,752	8,764	8,156	1,605	1,596	999	972
Transport equipment operatives .....	3,378	3,375	2,821	2,861	557	514	221	226
Nonfarm laborers .....	4,052	4,051	3,339	3,349	713	701	357	346
Service workers .....	13,229	13,483	10,589	10,890	2,641	2,594	878	869
Farm workers .....	2,373	2,384	2,183	2,183	190	201	160	150
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
<b>Agriculture:</b>								
Wage and salary workers .....	1,190	1,174	1,002	983	188	191	192	188
Self-employed workers .....	1,497	1,493	1,438	1,435	59	58	20	16
Unpaid family workers .....	207	233	203	229	4	4	1	--
<b>Nonagricultural industries:</b>								
Wage and salary workers .....	88,383	87,809	77,563	77,135	10,820	10,674	4,679	4,666
Government .....	16,152	15,750	13,517	13,193	2,634	2,556	646	701
Private industries .....	72,231	72,059	64,045	63,942	8,186	8,118	4,034	3,965
Private households .....	1,148	1,144	763	792	385	352	90	83
Other industries .....	71,083	70,915	63,282	63,150	7,801	7,765	3,944	3,882
Self-employed workers .....	6,978	6,969	6,501	6,491	477	478	235	274
Unpaid family workers .....	380	405	357	380	23	25	18	23
<b>FULL- AND PART-TIME STATUS <sup>1</sup></b>								
Full-time schedules .....	79,382	77,980	69,866	68,691	9,516	9,289	4,278	4,237
Part time for economic reasons .....	4,404	5,449	3,678	4,568	726	880	316	355
Part time for noneconomic reasons .....	14,849	14,654	13,520	13,393	1,329	1,261	551	575

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-62. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories**

[In thousands]

Category	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>CHARACTERISTIC</b>								
Total, 16 years and over .....	5,145	5,167	3,268	3,281	427	516	416	381
Males .....	3,123	3,127	2,067	2,037	240	324	254	232
Females .....	2,022	2,040	1,201	1,244	186	192	161	150
<b>OCCUPATION</b>								
White-collar workers .....	1,850	1,898	1,022	1,050	188	225	192	175
Professional and technical .....	427	446	198	220	43	49	47	51
Managers and administrators, except farm .....	361	335	208	181	27	30	42	33
Sales workers .....	201	207	116	113	14	22	22	25
Clerical workers .....	861	910	500	536	104	124	81	66
Blue-collar workers .....	2,256	2,251	1,558	1,553	175	209	177	158
Craft and kindred workers .....	679	707	459	504	40	55	58	46
Operatives, except transport .....	999	972	669	637	101	106	81	73
Transport equipment operatives .....	221	226	153	149	18	25	15	15
Nonfarm laborers .....	357	346	277	263	16	23	23	24
Service workers .....	878	869	540	540	63	80	46	49
Farm workers .....	160	150	149	139	2	2	--	--
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
<b>Agriculture:</b>								
Wage and salary workers .....	192	188	179	176	3	5	--	--
Self-employed workers .....	20	16	13	8	--	--	2	3
Unpaid family workers .....	1	--	--	--	--	--	--	--
<b>Nonagricultural industries:</b>								
Wage and salary workers .....	4,679	4,666	2,949	2,927	408	498	369	342
Government .....	646	701	415	459	66	86	30	27
Private industries .....	4,034	3,965	2,534	2,469	342	412	339	314
Private households .....	90	83	51	46	3	1	--	--
Other industries .....	3,944	3,882	2,483	2,423	339	411	339	314
Self-employed workers .....	235	274	116	151	14	12	44	36
Unpaid family workers .....	18	23	11	19	1	1	1	1
<b>FULL- AND PART-TIME STATUS<sup>2</sup></b>								
Full-time schedules .....	4,278	4,237	2,710	2,659	378	451	347	311
Part time for economic reasons .....	316	355	222	261	16	30	20	18
Part time for noneconomic reasons .....	551	575	336	361	33	35	49	52

<sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

<sup>2</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

# HOUSEHOLD DATA QUARTERLY AVERAGES

## A-63. Employed persons by sex, age, race, and Hispanic origin

[In thousands]

Sex and age	Total		White		Black		Hispanic origin	
	F 1981	F 1982	F 1981	F 1982	F 1981	F 1982	F 1981	F 1982
<b>Total, 16 years and over</b> .....	98,635	98,083	87,064	86,653	9,208	9,080	5,145	5,167
16 to 19 years .....	6,741	6,015	6,152	5,494	472	405	398	380
16 to 17 years .....	2,578	2,268	2,395	2,107	147	121	134	119
18 to 19 years .....	4,163	3,748	3,757	3,387	326	283	265	261
20 to 24 years .....	13,731	13,392	12,115	11,865	1,302	1,231	935	874
25 years and over .....	78,162	78,676	68,799	69,294	7,434	7,444	3,811	3,913
25 to 54 years .....	63,765	64,516	55,807	56,515	6,247	6,304	3,396	3,506
55 years and over .....	14,397	14,160	12,992	12,779	1,187	1,140	416	407
<b>Males, 16 years and over</b> .....	56,169	55,367	50,140	49,514	4,707	4,561	3,123	3,127
16 to 19 years .....	3,502	3,101	3,188	2,828	249	213	244	217
16 to 17 years .....	1,333	1,166	1,236	1,096	78	51	85	72
18 to 19 years .....	2,169	1,934	1,952	1,731	172	163	158	145
20 to 24 years .....	7,221	6,997	6,379	6,215	667	629	553	528
25 years and over .....	45,446	45,269	40,573	40,472	3,791	3,718	2,327	2,382
25 to 54 years .....	36,754	36,810	32,637	32,740	3,169	3,137	2,058	2,101
55 years and over .....	8,692	8,460	7,936	7,732	622	581	269	280
<b>Females, 16 years and over</b> .....	42,465	42,715	36,924	37,139	4,501	4,519	2,022	2,040
16 to 19 years .....	3,239	2,915	2,964	2,666	223	191	155	163
16 to 17 years .....	1,246	1,101	1,159	1,010	69	71	48	47
18 to 19 years .....	1,994	1,813	1,805	1,655	154	121	108	116
20 to 24 years .....	6,510	6,394	5,735	5,650	635	602	382	346
25 years and over .....	32,716	33,406	28,225	28,823	3,643	3,726	1,487	1,531
25 to 54 years .....	27,011	27,707	23,169	23,776	3,078	3,166	1,339	1,405
55 years and over .....	5,704	5,700	5,055	5,046	565	559	148	126

## A-64. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic origin	
	F 1981	F 1982	F 1981	F 1982	F 1981	F 1982	F 1981	F 1982
<b>Total, 16 years and over</b> .....	8.0	9.5	7.2	8.5	14.9	17.8	11.6	13.0
16 to 19 years .....	20.3	23.5	18.3	21.3	40.0	44.5	25.3	27.4
16 to 17 years .....	22.8	24.4	20.9	22.8	44.3	46.0	30.3	32.3
18 to 19 years .....	18.6	22.9	16.5	20.3	37.8	43.9	22.5	24.9
20 to 24 years .....	13.0	15.1	11.5	13.1	24.8	30.9	15.0	17.0
25 years and over .....	5.8	7.1	5.2	6.5	10.5	12.8	8.9	10.3
25 to 54 years .....	6.1	7.6	5.5	6.9	11.4	13.6	9.1	10.4
55 years and over .....	4.1	5.0	3.9	4.7	5.3	8.4	7.1	9.2
<b>Males, 16 years and over</b> .....	8.2	10.0	7.5	9.1	15.3	19.5	11.9	13.3
16 to 19 years .....	22.2	25.4	20.1	23.3	41.5	45.4	25.9	29.6
16 to 17 years .....	25.1	27.0	23.1	24.9	45.8	55.3	30.3	34.6
18 to 19 years .....	20.4	24.4	18.1	22.2	39.4	41.3	23.3	26.8
20 to 24 years .....	14.9	17.5	13.7	15.5	25.1	33.4	17.0	17.3
25 years and over .....	5.7	7.4	5.2	6.7	10.5	14.1	8.7	10.5
25 to 54 years .....	6.1	7.9	5.5	7.2	11.4	14.8	8.9	10.9
55 years and over .....	4.0	5.3	3.7	4.8	5.6	10.6	7.6	7.6
<b>Females, 16 years and over</b> .....	7.7	8.8	6.8	7.8	14.6	16.0	11.1	12.5
16 to 19 years .....	18.1	21.4	16.1	19.0	38.1	43.5	24.4	24.2
16 to 17 years .....	20.2	21.5	18.4	20.3	42.5	36.5	30.3	28.5
18 to 19 years .....	16.7	21.3	14.6	18.2	35.9	46.9	21.3	22.3
20 to 24 years .....	10.7	12.4	9.0	10.3	24.6	28.1	11.9	16.6
25 years and over .....	5.9	6.8	5.3	6.1	10.4	11.4	9.2	10.0
25 to 54 years .....	6.2	7.2	5.5	6.4	11.4	12.3	9.5	9.8
55 years and over .....	4.2	4.7	4.2	4.5	4.9	6.1	6.3	12.5



**HOUSEHOLD DATA  
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**A-65. Unemployed persons by duration of unemployment, race, and Hispanic origin**

[In thousands]

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>DURATION</b>								
Total, 16 years and over .....	8,544	10,284	6,739	8,061	1,805	2,223	673	771
Less than 5 weeks .....	3,262	3,809	2,606	2,990	656	819	284	332
5 to 14 weeks .....	2,688	3,468	2,159	2,810	529	658	219	266
15 weeks and over .....	2,593	3,007	1,974	2,261	619	746	170	173
15 to 26 weeks .....	1,288	1,668	1,012	1,299	276	368	101	89
27 weeks and over .....	1,306	1,339	962	962	343	377	69	84
Average (mean) duration, in weeks .....	14.4	14.2	13.8	13.5	16.7	16.4	12.0	11.5
Median duration, in weeks .....	8.0	8.3	7.8	8.1	8.8	8.8	6.9	6.5
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	38.2	37.0	38.7	37.1	36.4	36.9	42.2	43.1
5 to 14 weeks .....	31.5	33.7	32.0	34.9	29.3	29.6	32.5	34.5
15 weeks and over .....	30.4	29.2	29.3	28.0	34.3	33.5	25.3	22.4
15 to 26 weeks .....	15.1	16.2	15.0	16.1	15.3	16.6	15.0	11.5
27 weeks and over .....	15.3	13.0	14.3	11.9	19.0	17.0	10.3	10.9

**A-66. Unemployed persons by reason for unemployment, race, and Hispanic origin**

[Numbers in thousands]

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>NUMBER OF UNEMPLOYED</b>								
Total, 16 years and over .....	8,544	10,284	6,739	8,061	1,805	2,223	673	771
Job losers .....	4,693	6,212	3,806	4,972	886	1,239	372	496
On layoff .....	1,742	2,386	1,516	2,019	225	367	99	151
Other job losers .....	2,951	3,826	2,290	2,953	661	873	273	344
Job leavers .....	897	877	742	741	155	136	76	57
Reentrants .....	2,071	2,228	1,560	1,659	510	569	148	150
New entrants .....	883	968	630	689	253	279	78	68
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	54.9	60.4	56.5	61.6	49.1	55.8	55.2	64.3
On layoff .....	20.4	23.2	22.5	25.0	12.5	16.5	14.7	19.6
Other job losers .....	34.5	37.2	34.0	36.6	36.6	39.3	40.5	44.7
Job leavers .....	10.5	8.5	11.0	9.2	8.6	6.1	11.3	7.4
Reentrants .....	24.2	21.7	23.2	20.6	28.3	25.6	22.0	19.5
New entrants .....	10.3	9.4	9.3	8.5	14.0	12.5	11.6	8.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers .....	4.4	5.7	4.0	5.2	6.6	9.1	6.4	8.4
Job leavers .....	.8	.8	.8	.8	1.2	1.0	1.3	1.0
Reentrants .....	1.9	2.1	1.7	1.8	3.8	4.2	2.5	2.5
New entrants .....	.8	.9	.7	.7	1.9	2.0	1.3	1.1

**HOUSEHOLD DATA  
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**A-67. Employment status of male Vietnam-era veterans and nonveterans by age**

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
I	I	I	I	I	I	I	I	I	I	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
<b>VETERANS</b>										
Total 25 years and over	8,463	8,563	8,011	8,177	7,502	7,457	509	720	6.4	8.8
25 to 29 years	7,322	7,239	7,026	6,927	6,552	6,270	474	657	6.8	9.5
30 to 34 years	1,559	1,327	1,456	1,226	1,299	1,042	158	184	10.8	15.0
35 to 39 years	3,449	3,194	3,337	2,964	3,124	2,692	213	272	6.4	9.2
40 years and over	2,303	2,918	2,232	2,736	2,129	2,536	103	201	4.6	7.3
	1,141	1,424	985	1,251	950	1,187	35	63	3.5	5.1
<b>NONVETERANS</b>										
Total, 25 to 39 years	16,855	17,826	15,944	16,863	14,822	15,365	1,122	1,498	7.0	8.9
25 to 29 years	7,738	8,050	7,264	7,558	6,552	6,733	612	825	8.4	10.9
30 to 34 years	5,243	5,786	4,991	5,519	4,673	5,097	318	422	6.4	7.6
35 to 39 years	3,875	3,990	3,689	3,786	3,496	3,535	193	251	5.2	6.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

**A-68. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin**

[Numbers in thousands]

Employment status and age	Veterans						Nonveterans					
	White		Black and other		Hispanic origin		White		Black and other		Hispanic origin	
	I	I	I	I	I	I	I	I	I	I	I	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
<b>Total, 25 to 39 years:</b>												
Civilian noninstitutional population	6,553	6,476	768	763	253	276	14,470	15,337	2,386	2,489	1,287	1,354
Civilian labor force	6,330	6,235	695	691	239	264	13,835	14,671	2,109	2,203	1,206	1,273
Employed	5,936	5,691	615	579	214	235	12,950	13,766	1,872	1,874	1,085	1,120
Unemployed	394	544	80	112	25	29	885	1,169	237	329	121	153
Unemployment rate	6.2	8.7	11.5	16.2	10.5	11.0	6.4	8.0	11.2	14.9	10.0	12.0
<b>25 to 29 years</b>												
Civilian noninstitutional population	1,356	1,125	213	202	72	45	6,724	7,007	1,014	1,043	572	578
Civilian labor force	1,267	1,051	189	175	66	44	6,389	6,671	875	899	538	544
Employed	1,139	907	159	135	60	41	5,898	6,286	754	723	484	477
Unemployed	128	144	30	40	6	3	491	649	121	176	54	67
Unemployment rate	10.1	13.7	15.9	22.9	9.1	6.8	7.7	9.7	13.8	19.6	10.0	12.3
<b>30 to 34 years</b>												
Civilian noninstitutional population	3,116	2,775	333	319	118	139	4,454	4,957	789	829	403	448
Civilian labor force	3,033	2,677	304	287	114	132	4,279	4,760	712	759	382	428
Employed	2,854	2,449	270	243	101	116	4,038	4,435	636	662	342	378
Unemployed	179	228	34	44	13	16	241	325	76	97	40	50
Unemployment rate	5.9	8.5	11.2	15.3	11.4	12.1	5.6	6.8	10.7	12.8	10.5	11.7
<b>35 to 39 years</b>												
Civilian noninstitutional population	2,081	2,576	222	242	63	92	3,292	3,373	583	617	312	328
Civilian labor force	2,030	2,507	202	229	59	88	3,167	3,240	522	545	286	301
Employed	1,943	2,335	186	201	53	78	3,014	3,045	482	489	259	265
Unemployed	87	172	16	28	6	10	153	195	40	56	27	36
Unemployment rate	4.3	6.9	7.9	12.2	10.2	11.4	4.8	6.0	7.7	10.3	9.4	12.0

**HOUSEHOLD DATA  
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**A-69. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas  
by sex, age, and race**

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>TOTAL</b>												
Civilian noninstitutional population	114,967	116,718	47,240	47,713	67,727	69,005	54,311	54,779	4,374	4,178	49,937	50,601
Civilian labor force	74,087	75,210	29,460	29,685	44,627	45,525	33,083	33,156	2,667	2,617	30,416	30,539
Percent of population	64.4	64.4	62.4	62.2	65.9	66.0	60.9	60.5	61.0	62.6	60.9	60.4
Employed	68,303	68,318	26,776	26,575	41,527	41,743	30,329	29,765	2,560	2,521	27,769	27,244
Unemployed	5,784	6,892	2,684	3,109	3,100	3,783	2,754	3,392	107	95	2,647	3,297
Unemployment rate	7.8	9.2	9.1	10.5	6.9	8.3	8.3	10.2	4.0	3.6	8.7	10.8
Not in labor force	40,880	41,508	17,780	18,028	23,100	23,480	21,228	21,623	1,707	1,561	19,521	20,062
<b>Males, 20 years and over</b>												
Civilian noninstitutional population	48,786	49,796	19,672	20,060	29,114	29,736	23,160	23,410	1,988	1,896	21,172	21,514
Civilian labor force	38,969	39,645	15,138	15,407	23,831	24,238	17,694	17,735	1,595	1,563	16,099	16,172
Percent of population	79.9	79.6	77.0	76.8	81.9	81.5	76.4	75.8	80.2	82.4	76.0	75.2
Employed	36,272	36,234	13,860	13,859	22,412	22,375	16,395	16,033	1,554	1,512	14,841	14,521
Unemployed	2,697	3,411	1,278	1,548	1,419	1,863	1,299	1,702	42	51	1,257	1,651
Unemployment rate	6.9	8.6	8.4	10.0	6.0	7.7	7.3	9.6	2.6	3.3	7.8	10.2
Not in labor force	9,817	10,151	4,534	4,653	5,283	5,498	5,465	5,674	393	333	5,072	5,341
<b>Females, 20 years and over</b>												
Civilian noninstitutional population	55,231	56,218	23,326	23,618	31,905	32,600	25,735	26,150	1,922	1,861	23,813	24,289
Civilian labor force	29,372	30,201	12,279	12,448	17,093	17,753	12,680	12,922	840	855	11,840	12,067
Percent of population	53.2	53.7	52.6	52.7	53.6	54.5	49.3	49.4	43.7	46.0	49.7	49.7
Employed	27,475	27,973	11,378	11,411	16,097	16,562	11,752	11,827	797	829	10,955	10,998
Unemployed	1,897	2,228	900	1,038	997	1,190	928	1,095	43	26	885	1,069
Unemployment rate	6.5	7.4	7.3	8.3	5.8	6.7	7.3	8.5	5.1	3.1	7.5	8.9
Not in labor force	25,859	26,017	11,048	11,170	14,811	14,847	13,055	13,228	1,081	1,006	11,974	12,222
<b>Both sexes, 16-19 years</b>												
Civilian noninstitutional population	10,950	10,704	4,241	4,035	6,709	6,669	5,417	5,219	464	421	4,953	4,798
Civilian labor force	5,746	5,364	2,043	1,829	3,703	3,535	2,709	2,499	232	199	2,477	2,300
Percent of population	52.5	50.1	48.2	45.3	55.2	53.0	50.0	47.9	49.9	47.1	50.0	47.9
Employed	4,557	4,111	1,537	1,305	3,020	2,806	2,182	1,904	209	181	1,973	1,723
Unemployed	1,189	1,253	506	524	683	729	526	595	22	18	504	577
Unemployment rate	20.7	23.4	24.8	28.6	18.4	20.6	19.4	23.8	9.7	9.0	20.3	25.1
Not in labor force	5,205	5,340	2,198	2,206	3,007	3,134	2,708	2,720	233	223	2,475	2,497
<b>White</b>												
Civilian noninstitutional population	97,788	99,337	35,404	35,772	62,384	63,565	49,362	49,606	4,082	3,976	45,280	45,630
Civilian labor force	63,544	64,492	22,442	22,642	41,102	41,850	30,253	30,222	2,513	2,515	27,740	27,707
Percent of population	65.0	64.9	63.4	63.3	65.9	65.8	61.3	60.9	61.6	63.3	61.3	60.7
Employed	59,151	59,288	20,784	20,751	38,367	38,537	27,911	27,364	2,420	2,433	25,491	24,931
Unemployed	4,393	5,204	1,658	1,891	2,735	3,313	2,342	2,857	94	82	2,248	2,775
Unemployment rate	6.9	8.1	7.4	8.4	6.7	7.9	7.7	9.5	3.7	3.3	8.1	10.0
Not in labor force	34,244	34,845	12,962	13,131	21,282	21,714	19,108	19,384	1,568	1,461	17,540	17,923
<b>Black and other</b>												
Civilian noninstitutional population	17,180	17,381	11,836	11,941	5,344	5,440	4,950	5,173	292	202	4,658	4,971
Civilian labor force	10,543	10,718	7,018	7,043	3,525	3,675	2,830	2,935	154	102	2,676	2,833
Percent of population	61.4	61.7	59.3	59.0	66.0	67.6	57.2	56.7	52.6	50.2	57.4	57.0
Employed	9,152	9,030	5,991	5,825	3,161	3,205	2,418	2,400	140	88	2,278	2,312
Unemployed	1,391	1,688	1,027	1,218	364	470	413	535	14	14	399	521
Unemployment rate	13.2	15.8	14.6	17.3	10.3	12.8	14.6	18.2	9.0	13.3	14.9	18.4
Not in labor force	6,637	6,663	4,818	4,899	1,819	1,764	2,120	2,238	139	101	1,981	2,137

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## A-70. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>TOTAL</b>												
<b>Civilian noninstitutional</b>												
population .....	30,306	29,864	138,973	141,633	11,383	11,183	103,584	105,535	18,923	18,681	35,389	36,098
Civilian labor force .....	16,895	16,518	90,275	91,849	6,140	5,992	67,947	69,218	10,755	10,526	22,328	22,631
Percent of population ...	55.7	55.3	65.0	64.9	53.9	53.6	65.6	65.6	56.8	56.3	63.1	62.7
Employed .....	15,087	14,426	83,546	83,657	5,258	5,009	63,045	63,310	9,829	9,417	20,500	20,347
Unemployed .....	1,808	2,092	6,729	8,192	882	983	4,901	5,909	926	1,108	1,828	2,283
Unemployment rate .....	10.7	12.7	7.5	8.9	14.4	16.4	7.2	8.5	8.6	10.5	8.2	10.1
Not in labor force .....	13,410	13,347	48,698	49,784	5,243	5,191	35,638	36,317	8,167	8,156	13,061	13,467
<b>White</b>												
<b>Civilian noninstitutional</b>												
population .....	21,458	20,907	125,691	128,036	5,771	5,596	92,016	93,741	15,687	15,311	33,674	34,295
Civilian labor force .....	12,458	20,907	81,505	82,814	3,260	3,160	60,283	61,332	9,032	8,740	21,221	21,482
Percent of population ...	57.3	56.9	64.8	64.7	56.5	56.5	65.5	65.4	57.6	57.1	63.0	62.6
Employed .....	11,257	10,768	75,805	75,885	2,893	2,794	56,258	56,494	8,364	7,974	19,547	19,391
Unemployed .....	1,035	1,132	5,699	6,929	368	365	4,025	4,838	668	766	1,674	2,091
Unemployment rate .....	8.4	9.5	7.0	8.4	11.3	11.6	6.7	7.9	7.4	8.8	7.9	9.7
Not in labor force .....	9,166	9,007	44,186	45,223	2,511	2,436	31,733	32,409	6,655	6,571	12,453	12,814
<b>Black and other</b>												
<b>Civilian noninstitutional</b>												
population .....	8,847	8,958	13,282	13,596	5,612	5,587	11,568	11,794	3,236	3,371	1,714	1,802
Civilian labor force .....	4,603	4,618	8,770	9,035	2,880	2,832	7,663	7,886	1,723	1,786	1,107	1,149
Percent of population ...	52.0	51.6	66.0	66.5	51.3	50.7	66.2	66.9	53.3	53.0	64.6	63.8
Employed .....	3,830	3,658	7,740	7,772	2,365	2,214	6,787	6,816	1,465	1,444	953	956
Unemployed .....	773	960	1,030	1,263	515	618	876	1,070	258	342	154	193
Unemployment rate .....	16.8	20.8	11.7	14.0	17.9	21.8	11.4	13.6	15.0	19.1	13.9	16.8
Not in labor force .....	4,244	4,340	4,512	4,561	2,732	2,755	3,905	3,908	1,512	1,585	607	653

## A-71. Unemployment rates in poverty and nonpoverty areas by race, sex, and age

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
<b>TOTAL</b>												
<b>Both sexes, 16 years and over</b> ....	10.7	12.7	7.5	8.9	14.4	16.4	7.2	8.5	8.6	10.5	8.2	10.1
Males, 20 years and over .....	9.4	11.8	6.6	8.4	13.3	16.0	6.4	8.0	7.3	9.5	7.4	9.6
Females, 20 years and over .....	9.3	10.5	6.2	7.2	11.4	12.8	6.0	6.9	8.0	9.1	7.0	8.6
<b>Both sexes, 16-19 years</b> .....	26.3	31.0	19.1	22.2	37.0	39.9	19.2	21.9	20.4	26.0	19.0	22.9
<b>White</b>												
<b>Both sexes, 16 years and over</b> ....	8.4	9.5	7.0	8.4	11.3	11.6	6.7	7.9	7.4	8.8	7.9	9.7
Males, 20 years and over .....	7.5	8.9	6.3	7.9	10.9	11.3	6.0	7.4	6.2	8.0	7.2	9.3
Females, 20 years and over .....	6.9	7.4	5.8	6.7	7.4	8.6	5.4	6.3	6.7	7.0	6.7	7.8
<b>Both sexes, 16-19 years</b> .....	21.9	25.1	17.7	20.7	32.2	28.9	17.5	20.2	18.4	23.8	18.2	22.1
<b>Black and other</b>												
<b>Both sexes, 16 years and over</b> ....	16.8	20.8	11.7	14.0	17.9	21.8	11.4	13.6	15.0	19.1	13.9	16.8
Males, 20 years and over .....	15.2	20.5	10.0	13.4	16.4	22.1	9.7	13.1	13.4	17.9	12.1	15.7
Females, 20 years and over .....	14.7	17.0	10.2	11.4	15.1	16.6	9.9	10.9	13.9	17.7	12.3	14.6
<b>Both sexes, 16-19 years</b> .....	38.6	45.7	35.6	38.4	42.1	51.5	36.1	38.1	32.2	36.4	33.1	39.9

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**A-72. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members**

(Numbers in thousands)

Type of family, race, and Hispanic origin	I 1981					I 1982				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
<b>TOTAL</b>										
Total families . . . . .	60,718	6,494	28.7	71.3	62.6	61,195	7,552	30.1	69.9	58.9
With children under 18 years of age . . . . .	31,170	4,008	29.9	70.1	60.9	31,149	4,560	32.1	67.9	56.5
Married-couple families . . . . .	49,295	4,828	22.0	78.0	69.4	49,353	5,637	23.7	76.3	65.2
With children under 18 years of age . . . . .	24,811	3,049	50.4	49.6	69.2	24,510	3,526	24.1	75.9	63.7
Families maintained by females . . . . .	9,121	1,348	50.4	49.6	39.8	9,484	1,507	51.0	49.0	38.0
With children under 18 years of age . . . . .	5,581	852	57.2	42.8	33.5	5,817	898	60.6	39.4	29.7
Families maintained by males . . . . .	2,303	318	37.3	62.7	57.1	2,357	407	42.0	58.0	49.6
With children under 18 years of age . . . . .	779	107	46.3	53.7	45.4	822	136	51.5	48.5	42.6
<b>White</b>										
Total families . . . . .	52,887	5,195	25.9	74.1	65.3	53,251	6,008	27.9	72.1	60.8
With children under 18 years of age . . . . .	26,364	3,161	26.2	73.8	64.3	26,290	3,578	28.9	71.1	58.8
Married-couple families . . . . .	44,738	4,164	21.7	78.3	69.6	44,741	4,815	23.7	76.3	64.9
With children under 18 years of age . . . . .	22,109	2,609	21.4	78.6	69.0	21,782	2,974	24.0	76.0	63.2
Families maintained by females . . . . .	6,293	789	45.6	54.4	44.0	6,561	879	45.9	54.1	42.4
With children under 18 years of age . . . . .	3,627	464	50.2	49.8	40.3	3,809	494	54.2	45.8	34.9
Families maintained by males . . . . .	1,855	241	34.4	65.6	59.3	1,949	314	41.0	59.0	50.0
With children under 18 years of age . . . . .	629	88	42.5	57.5	51.7	699	110	49.1	50.9	45.5
<b>Black</b>										
Total families . . . . .	6,544	1,169	39.9	60.1	51.7	6,609	1,369	40.2	59.8	50.1
With children under 18 years of age . . . . .	3,978	757	44.4	55.6	48.0	4,009	862	45.5	54.5	46.2
Married-couple families . . . . .	3,522	564	23.0	77.0	69.5	3,552	678	23.0	77.0	67.1
With children under 18 years of age . . . . .	2,021	367	21.7	78.3	72.0	2,030	447	23.9	76.1	67.3
Families maintained by females . . . . .	2,646	538	57.0	43.0	33.4	2,728	604	58.8	41.2	31.3
With children under 18 years of age . . . . .	1,832	373	65.7	34.3	24.9	1,879	391	69.1	30.9	22.8
Families maintained by males . . . . .	376	67	46.3	53.7	49.3	329	87	44.8	55.2	48.3
With children under 18 years of age . . . . .	126	17	(1)	(1)	(1)	99	25	(1)	(1)	(1)
<b>Hispanic origin</b>										
Total families . . . . .	3,288	484	32.6	67.4	59.7	3,367	560	32.1	67.9	57.2
With children under 18 years of age . . . . .	2,281	348	36.0	64.0	56.5	2,339	395	34.4	65.6	55.2
Married-couple families . . . . .	2,402	349	28.4	71.6	63.8	2,455	421	26.6	73.4	64.4
With children under 18 years of age . . . . .	1,695	264	30.0	70.0	61.6	1,728	316	28.2	71.8	62.3
Families maintained by females . . . . .	699	102	46.6	53.4	43.7	738	105	50.5	49.5	32.4
With children under 18 years of age . . . . .	519	75	54.8	45.2	38.4	550	67	60.6	39.4	25.8
Families maintained by males . . . . .	187	34	(1)	(1)	(1)	174	34	(1)	(1)	(1)
With children under 18 years of age . . . . .	67	9	(1)	(1)	(1)	61	12	(1)	(1)	(1)

<sup>1</sup> Percent not shown where base is less than 60,000.

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**A-73. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	I 1981				I 1982			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
<b>TOTAL</b>								
Total unemployed	8,544	41.3	58.7	51.5	10,284	42.8	57.2	48.1
In families	7,257	30.8	69.2	60.6	8,723	32.5	67.5	56.7
Husbands	1,908	45.5	54.5	40.1	2,452	44.4	55.6	38.6
With children under 18 years of age	1,233	48.4	51.6	35.5	1,616	48.2	51.8	33.1
Wives	1,468	19.2	80.8	75.0	1,692	21.9	78.1	70.6
With children under 18 years of age	912	16.7	83.3	77.0	1,094	19.7	80.3	72.5
Relatives in married-couple families	1,977	8.4	91.6	86.7	2,328	11.3	88.7	82.4
Females who maintain families	551	79.9	20.1	11.7	607	80.7	19.3	11.8
With children under 18 years of age	447	86.0	14.0	6.9	493	87.8	12.2	6.1
Relatives in families maintained by females	1,001	34.2	65.8	56.0	1,178	35.5	64.5	51.1
Males who maintain families	129	65.4	34.6	26.0	193	71.5	28.5	20.1
With children under 18 years of age	55	(2)	(2)	(2)	76	83.1	16.9	9.5
Relatives in families maintained by males	223	24.7	75.3	71.1	273	25.7	74.3	66.3
Not in families <sup>1</sup>	1,287	--	--	--	1,561	--	--	--
<b>White</b>								
Total unemployed	6,739	39.4	60.6	53.2	8,061	40.9	59.1	49.7
In families	5,706	28.5	71.5	62.8	6,838	30.3	69.7	58.5
Husbands	1,640	45.6	54.4	39.4	2,097	44.6	55.4	37.3
With children under 18 years of age	1,052	48.8	51.2	33.7	1,354	48.7	51.3	30.9
Wives	1,251	19.2	80.8	75.2	1,421	20.4	79.6	72.3
With children under 18 years of age	756	17.1	82.9	77.1	893	17.8	82.2	74.6
Relatives in married-couple families	1,665	7.3	92.7	88.0	1,952	11.0	89.0	82.7
Females who maintain families	291	73.6	26.4	15.6	329	74.0	26.0	16.3
With children under 18 years of age	219	81.9	18.1	8.9	247	84.5	15.5	8.1
Relatives in families maintained by females	584	34.2	65.8	56.9	681	33.8	66.2	52.4
Males who maintain families	97	62.5	37.5	28.2	154	69.9	30.1	20.6
With children under 18 years of age	42	(2)	(2)	(2)	61	82.1	17.9	10.0
Relatives in families maintained by males	176	22.3	77.7	72.8	203	24.3	75.7	67.2
Not in families <sup>1</sup>	1,033	--	--	--	1,223	--	--	--
<b>Black</b>								
Total unemployed	1,616	48.2	51.8	45.0	1,969	50.1	49.9	42.3
In families	1,395	40.0	60.0	52.1	1,678	41.5	58.5	49.6
Husbands	224	42.9	57.1	48.2	297	42.6	57.4	47.2
With children under 18 years of age	150	43.7	56.3	50.1	214	44.7	55.3	46.5
Wives	180	19.1	80.9	74.0	207	29.2	70.8	62.5
With children under 18 years of age	134	13.6	86.4	77.9	156	28.1	71.9	62.8
Relatives in married-couple families	269	13.7	86.3	80.1	327	12.5	87.5	80.6
Females who maintain families	248	86.8	13.2	7.6	271	89.3	10.7	6.4
With children under 18 years of age	218	34.4	65.6	52.5	241	91.7	8.3	3.9
Relatives in families maintained by females	405	34.6	65.4	54.3	477	37.8	62.2	49.2
Males who maintain families	27	(2)	(2)	(2)	35	(2)	(2)	(2)
With children under 18 years of age	10	(2)	(2)	(2)	13	(2)	(2)	(2)
Relatives in families maintained by males	42	(2)	(2)	(2)	65	29.2	70.8	64.0
Not in families <sup>1</sup>	221	--	--	--	291	--	--	--
<b>Hispanic origin</b>								
Total unemployed	673	42.6	57.4	50.4	771	44.1	55.9	46.0
In families	580	33.5	66.5	58.4	665	35.1	64.9	53.4
Husbands	157	54.1	45.9	32.3	194	49.7	50.3	39.6
With children under 18 years of age	128	56.7	43.3	30.1	152	53.5	46.5	35.8
Wives	111	26.4	73.6	70.5	133	19.5	80.5	69.7
With children under 18 years of age	81	25.8	74.2	70.8	103	18.7	81.3	70.6
Relatives in married-couple families	155	9.6	90.4	82.2	167	15.3	84.7	77.4
Females who maintain families	37	(2)	(2)	(2)	40	(2)	(2)	(2)
With children under 18 years of age	33	(2)	(2)	(2)	28	(2)	(2)	(2)
Relatives in families maintained by females	80	29.2	70.8	63.3	88	45.1	54.9	32.0
Males who maintain families	20	(2)	(2)	(2)	20	(2)	(2)	(2)
With children under 18 years of age	6	(2)	(2)	(2)	8	(2)	(2)	(2)
Relatives in families maintained by males	19	(2)	(2)	(2)	22	(2)	(2)	(2)
Not in families <sup>1</sup>	93	--	--	--	106	--	--	--

<sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families,

and some whose status is unknown.

<sup>2</sup> Percent not shown where base is less than 60,000.

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**A-74. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	I 1981				I 1982			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another person in family	With another person in family employed full time		With no other employed person in family	With another person in family	With another person in family employed full time
<b>TOTAL</b>								
Total employed	98,635	38.3	61.7	51.9	98,083	38.9	61.1	50.8
In families	83,428	27.1	72.9	61.4	82,495	27.4	72.6	60.4
Husbands	37,752	37.4	62.6	44.8	36,971	37.0	63.0	44.2
With children under 18 years of age	22,502	40.0	60.0	39.0	21,792	39.6	60.4	38.5
Wives	23,640	10.2	89.8	84.7	23,589	11.2	88.8	83.1
With children under 18 years of age	12,817	6.1	93.9	89.9	12,718	7.6	92.4	87.4
Relatives in married-couple families	10,911	5.8	94.2	89.8	10,648	7.2	92.8	88.0
Females who maintain families	4,907	67.4	32.6	20.7	5,103	68.1	31.9	20.4
With children under 18 years of age	3,312	79.9	20.1	9.5	3,417	80.5	19.5	8.9
Relatives in families maintained by females	3,480	28.1	71.9	60.7	3,413	27.4	72.6	61.3
Males who maintain families	1,633	58.6	41.4	30.0	1,611	57.5	42.5	31.6
With children under 18 years of age	649	74.7	25.3	11.1	664	75.5	24.5	12.5
Relatives in families maintained by males	1,105	17.8	82.2	75.6	1,160	17.5	82.5	74.5
Not in families <sup>1</sup>	15,207	--	--	--	15,588	--	--	--
<b>White</b>								
Total employed	87,064	37.7	62.3	52.2	86,653	38.4	61.6	50.9
In families	73,825	26.5	73.5	61.5	73,012	26.9	73.1	60.4
Husbands	34,386	37.7	62.3	43.8	33,665	37.4	62.6	43.1
With children under 18 years of age	20,237	40.6	59.4	37.3	19,597	40.3	59.7	36.6
Wives	21,169	9.8	90.2	85.2	21,067	10.7	89.3	83.6
With children under 18 years of age	11,262	5.6	94.4	90.6	11,136	7.0	93.0	88.1
Relatives in married-couple families	9,892	5.6	94.4	90.1	9,620	7.1	92.9	88.1
Females who maintain families	3,547	65.4	34.6	21.5	3,716	65.7	34.3	21.6
With children under 18 years of age	2,349	78.5	21.5	9.1	2,453	78.9	21.1	9.2
Relatives in families maintained by females	2,591	28.3	71.7	61.0	2,631	28.0	72.0	60.9
Males who maintain families	1,339	58.3	41.7	29.6	1,361	57.5	42.5	31.0
With children under 18 years of age	535	73.7	26.3	10.8	582	74.7	25.3	13.0
Relatives in families maintained by males	901	16.9	83.1	76.3	954	18.0	82.0	74.2
Not in families <sup>1</sup>	13,239	--	--	--	13,641	--	--	--
<b>Black</b>								
Total employed	9,208	45.4	54.6	47.3	9,080	44.9	55.1	47.9
In families	7,604	33.9	66.1	57.3	7,476	33.1	66.9	58.2
Husbands	2,552	33.7	66.3	55.0	2,492	31.7	68.3	57.0
With children under 18 years of age	1,687	34.6	65.4	54.1	1,619	32.0	68.0	56.7
Wives	1,884	16.0	84.0	78.2	1,932	17.1	82.9	77.2
With children under 18 years of age	1,164	11.4	88.6	82.9	1,195	13.8	86.2	80.3
Relatives in married-couple families	695	9.1	90.9	85.1	723	9.1	90.9	84.9
Females who maintain families	1,258	73.7	26.3	17.5	1,269	75.9	24.1	16.0
With children under 18 years of age	895	83.7	16.3	9.5	885	85.4	14.6	7.4
Relatives in families maintained by females	804	29.1	70.9	58.6	699	26.0	74.0	61.9
Males who maintain families	247	60.8	39.2	31.6	196	58.3	41.7	35.0
With children under 18 years of age	97	78.0	22.0	13.9	63	79.9	20.1	11.8
Relatives in families maintained by males	164	24.0	76.0	72.3	165	16.0	84.0	73.8
Not in families <sup>1</sup>	1,604	--	--	--	1,604	--	--	--
<b>Hispanic origin</b>								
Total employed	5,145	39.7	60.3	52.8	5,167	38.5	61.5	52.3
In families	4,442	30.1	69.9	61.2	4,524	29.7	70.3	59.7
Husbands	1,919	42.9	57.1	44.6	1,976	41.7	58.3	43.6
With children under 18 years of age	1,464	45.2	54.8	41.5	1,472	45.0	55.0	40.4
Wives	1,053	9.1	90.9	86.7	1,098	10.2	89.8	83.3
With children under 18 years of age	740	7.2	92.8	88.9	755	8.8	91.2	85.1
Relatives in married-couple families	670	8.1	91.9	87.0	680	8.0	92.0	84.9
Females who maintain families	298	71.3	28.7	21.1	296	73.6	26.4	17.7
With children under 18 years of age	213	81.8	18.2	10.2	222	81.4	18.6	8.7
Relatives in families maintained by females	224	29.5	70.5	60.3	217	32.6	67.4	55.9
Males who maintain families	142	49.4	50.6	41.0	122	43.5	56.5	48.1
With children under 18 years of age	55	(2)	(2)	(2)	45	(2)	(2)	(2)
Relatives in families maintained by males	136	13.4	86.6	81.5	137	9.9	90.1	83.5
Not in families <sup>1</sup>	703	--	--	--	643	--	--	--

<sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families,

and some whose status is unknown.

<sup>2</sup> Percent not shown where base is less than 60,000.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-75. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin**

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
	IV 1980	IV 1981	IV 1980	IV 1981	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Total families with earners <sup>1</sup>	40,405	40,513	\$415	\$442	6.5	-2.6
Married-couple families	33,114	32,920	446	486	8.9	-4.4
One earner	14,319	13,949	320	336	4.7	-4.2
Husband	11,655	11,077	355	383	7.7	-1.6
Wife	2,054	2,227	157	179	14.1	4.3
Other family member	610	644	177	198	12.0	2.4
Two or more earners	18,794	18,972	552	601	8.8	-5.5
Husband and wife	16,011	16,099	558	608	8.9	-4.4
Husband and other family member(s)	2,268	2,318	554	603	8.8	-5.5
Wife and other family member(s)	373	408	354	380	7.4	-1.8
Other family members only	142	146	378	405	7.1	-2.0
Families maintained by females	5,652	5,889	229	245	7.1	-2.1
One earner	4,012	4,274	190	204	7.8	-1.4
Householder	3,137	3,331	194	212	9.1	-3.3
Other family member	875	943	168	176	5.1	-3.9
Two or more earners	1,641	1,615	379	399	5.1	-3.9
Families maintained by males	1,639	1,704	385	405	5.1	-3.9
One earner	996	1,082	305	327	7.2	-1.9
Two or more earners	643	622	509	545	7.2	-2.0
<b>White</b>						
Total families with earners <sup>1</sup>	35,247	35,232	426	456	7.0	-2.1
Married-couple families	29,909	29,592	451	492	9.1	-3.3
One earner	13,134	12,649	328	345	5.3	-3.8
Husband	10,810	10,184	363	392	8.1	-1.1
Wife	1,772	1,891	157	179	14.0	4.2
Two or more earners	16,775	16,944	559	608	8.9	-4.4
Husband and wife	14,261	14,361	564	615	9.0	-3.3
Families maintained by females	4,056	4,249	234	252	7.5	-1.7
Families maintained by males	1,282	1,390	395	413	4.6	-4.3
<b>Black</b>						
Total families with earners <sup>1</sup>	4,466	4,574	316	332	5.0	-3.9
Married-couple families	2,673	2,749	382	412	7.7	-1.5
One earner	1,001	1,044	224	240	7.3	-1.9
Husband	700	701	262	276	5.2	-3.8
Wife	250	288	150	173	15.3	5.5
Two or more earners	1,672	1,705	480	532	10.8	1.3
Husband and wife	1,461	1,477	491	540	9.9	.5
Families maintained by females	1,493	1,550	207	226	9.4	-1.1
Families maintained by males	301	275	346	353	1.8	-6.9
<b>Hispanic origin</b>						
Total families with earners <sup>1</sup>	2,342	2,478	333	358	7.7	-1.5
Married-couple families	1,861	1,945	365	394	7.9	-1.3
One earner	905	916	234	256	9.3	.0
Husband	769	774	245	277	12.8	3.2
Wife	94	105	(2)	181	--	--
Two or more earners	956	1,028	466	508	9.1	-2.2
Husband and wife	748	782	478	526	10.0	.6
Families maintained by females	327	382	201	225	11.6	2.0
Families maintained by males	154	152	333	263	-21.0	-27.8

<sup>1</sup> Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.  
<sup>2</sup> Median not shown where base is less than 100,000.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these earnings data. Because the index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter.

NOTE: Data presented in tables A-75 through A-79 and 1 through 5 have not been revised to reflect 1980 census population controls.



HOUSEHOLD DATA  
QUARTERLY AVERAGES

A-76. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	IV 1980	IV 1981	IV 1980	IV 1981	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families <sup>1</sup> .....	2,952	3,326	\$ 321	\$ 335	4.2	-4.7
Husband unemployed .....	742	961	167	193	15.7	5.8
Wife only earner .....	600	785	153	185	20.8	10.5
Wife and other earner(s) .....	82	105	(2)	332	--	--
Other earner(s) only .....	59	71	(2)	(2)	--	--
Wife unemployed .....	1,046	1,095	\$ 313	\$ 338	7.8	-1.4
Husband only earner .....	898	933	298	319	7.1	-2.1
Husband and other earner(s) .....	131	147	477	520	9.0	-3.3
Other earner(s) only .....	17	14	(2)	(2)	--	--
Other member(s) unemployed .....	1,165	1,271	470	493	5.0	-4.0
Husband or wife earner .....	548	599	389	408	4.8	-4.1
Both husband and wife earners .....	565	613	592	619	4.5	-4.4
Other combinations of earners .....	52	59	(2)	(2)	--	--
Families maintained by females <sup>1</sup> .....	573	731	193	231	19.7	9.5
Householder unemployed .....	87	88	(2)	(2)	--	--
Other member(s) unemployed .....	486	643	\$ 207	\$ 236	14.1	4.3
Families maintained by males <sup>1</sup> .....	150	208	293	282	-3.6	-11.8

<sup>1</sup> Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

<sup>2</sup> Median not shown where base is less than 100,000.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-77. Median weekly earnings of full-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	IV 1980	IV 1981	IV 1980	IV 1981	Percent change over the year in :	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	70,367	70,258	\$277	\$301	8.7	-0.6
Males, 16 years and over .....	42,538	42,194	335	361	7.9	-1.3
16 to 24 years .....	7,146	6,838	221	231	4.5	-4.5
25 years and over .....	35,392	35,356	359	392	9.0	-3.3
Females, 16 years and over .....	27,829	28,065	211	232	10.1	.7
16 to 24 years .....	5,865	5,569	176	189	7.4	-1.8
25 years and over .....	21,964	22,495	223	245	9.4	.1
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	29,579	29,207	361	395	9.4	.0
Wives .....	14,672	14,520	213	236	10.5	1.0
Others in married-couple families .....	5,952	5,894	192	209	8.5	-7
Females who maintain families .....	3,766	3,870	213	234	10.0	.6
Others in such families .....	2,298	2,306	197	208	5.4	-3.6
Males who maintain families .....	1,322	1,317	339	363	7.2	-2.0
Others in such families .....	847	911	201	219	9.0	-4
All other males <sup>1</sup> .....	6,388	6,420	315	335	6.3	-2.8
All other females <sup>1</sup> .....	5,543	5,814	232	256	10.1	.7
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	61,656	61,523	285	309	8.3	-1.0
Males .....	37,818	37,535	342	371	8.5	-.8
Females .....	23,838	23,988	213	234	9.6	.2
Black .....	7,323	7,354	225	249	10.8	1.3
Males .....	3,973	3,920	257	284	10.4	1.0
Females .....	3,349	3,434	194	218	12.8	3.2
Hispanic origin .....	4,062	4,198	218	236	8.0	-1.2
Males .....	2,570	2,666	241	260	7.9	-1.3
Females .....	1,493	1,531	183	203	11.1	1.6

<sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in some whose family status is unknown. married-couple families where the husband is in the Armed Forces, persons in secondary families, and

A-78. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	IV 1980	IV 1981	IV 1980	IV 1981	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	15,833	16,214	\$73	\$80	10.3	0.9
Males, 16 years and over .....	4,958	4,984	68	76	10.9	1.4
16 to 24 years .....	3,139	3,091	61	66	8.2	-1.1
25 years and over .....	1,818	1,893	92	101	10.3	.8
Females, 16 years and over .....	10,875	11,230	75	82	10.3	.9
16 to 24 years .....	3,914	3,807	60	65	7.5	-1.7
25 years and over .....	6,962	7,423	85	99	16.0	6.1
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	1,314	1,292	92	102	11.0	1.5
Wives .....	5,602	5,870	89	100	12.2	2.6
Others in married-couple families .....	4,563	4,617	55	61	11.6	2.0
Females who maintain families .....	817	900	80	98	22.5	12.0
Others in such families .....	1,029	1,011	60	67	12.2	2.6
Males who maintain families .....	100	84	84	(2)	--	--
Others in such families .....	306	307	73	69	-5.2	-13.3
All other males <sup>1</sup> .....	752	714	91	95	4.7	-4.2
All other females <sup>1</sup> .....	1,350	1,419	77	84	8.4	-0.9
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	14,123	14,578	73	81	10.3	.8
Males .....	4,385	4,441	68	75	11.0	1.5
Females .....	9,738	10,136	75	82	10.2	.8
Black .....	1,468	1,397	70	80	14.1	4.3
Males .....	481	456	74	79	6.4	-2.7
Females .....	987	940	69	80	15.9	6.0
Hispanic origin .....	659	679	77	79	2.4	-6.4
Males .....	266	272	74	80	7.5	-1.7
Females .....	393	406	80	78	-2.6	-10.9

<sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and

some whose family status is unknown.

<sup>2</sup> Median not shown where base is less than 100,000.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-79. Median weekly earnings of full-time wage and salary workers by occupation and sex**

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	IV 1980	IV 1981	IV 1980	IV 1981	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Professional and technical workers . . . . .	12,465	13,114	\$358	\$400	11.7	2.2
Managers and administrators, except farm . . . . .	7,611	7,532	390	411	5.3	-3.8
Sales workers . . . . .	3,491	3,516	299	317	5.8	-3.3
Clerical workers . . . . .	13,521	13,499	222	238	7.2	-2.0
Craft and kindred workers . . . . .	10,418	10,077	340	363	6.8	-2.3
Operatives, except transport . . . . .	9,393	8,926	230	247	7.4	-1.8
Transport equipment operatives . . . . .	2,727	2,717	295	315	7.0	-2.2
Nonfarm laborers . . . . .	3,000	2,961	225	251	11.5	2.0
Service workers . . . . .	6,996	7,204	185	200	8.0	-1.2
Farm workers . . . . .	746	712	178	182	2.0	-6.7
<b>Males</b>						
Professional and technical workers . . . . .	7,022	7,483	424	465	9.7	.3
Managers and administrators, except farm . . . . .	5,523	5,276	444	474	6.7	-2.4
Sales workers . . . . .	2,273	2,354	350	376	7.5	-1.7
Clerical workers . . . . .	2,918	2,845	314	329	4.7	-4.3
Craft and kindred workers . . . . .	9,874	9,476	346	372	7.4	-1.8
Operatives, except transport . . . . .	5,726	5,440	284	308	8.6	-.7
Transport equipment operatives . . . . .	2,600	2,592	300	320	6.7	-2.5
Nonfarm laborers . . . . .	2,634	2,636	232	262	12.9	3.2
Service workers . . . . .	3,314	3,473	229	246	7.3	-1.9
Farm workers . . . . .	653	620	181	186	2.4	-6.3
<b>Females</b>						
Professional and technical workers . . . . .	5,443	5,631	300	327	9.1	-.3
Managers and administrators, except farm . . . . .	2,089	2,256	268	303	13.2	3.5
Sales workers . . . . .	1,218	1,162	179	190	5.9	-3.2
Clerical workers . . . . .	10,603	10,654	206	226	9.7	.3
Craft and kindred workers . . . . .	543	601	224	254	13.4	3.7
Operatives, except transport . . . . .	3,667	3,487	177	190	7.2	-2.0
Transport equipment operatives . . . . .	127	125	219	223	1.6	-7.1
Nonfarm laborers . . . . .	366	326	175	190	8.8	-.5
Service workers . . . . .	3,681	3,731	156	171	9.9	.5
Farm workers . . . . .	93	92	(1)	(1)	--	--

<sup>1</sup> Median not shown where base is less than 100,000.

# HOUSEHOLD DATA ANNUAL AVERAGES

## 1. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Total families with earners <sup>1</sup> . . . . .	40,395	40,597	\$405	\$434	7.2	-2.8
Married-couple families . . . . .	33,199	33,191	437	474	8.5	-1.6
One earner . . . . .	14,512	14,272	312	333	6.5	-3.4
Husband . . . . .	11,886	11,535	344	374	8.7	-1.4
Wife . . . . .	2,024	2,116	160	179	12.1	1.7
Other family member . . . . .	602	621	167	183	9.5	-1.6
Two or more earners . . . . .	18,688	18,919	539	586	8.7	-1.4
Husband and wife . . . . .	15,777	16,006	543	591	8.7	-1.4
Husband and other family member(s) . . . . .	2,351	2,332	556	601	8.0	-2.0
Wife and other family member(s) . . . . .	422	436	350	371	6.0	-3.9
Other family members only . . . . .	137	145	362	373	3.0	-6.6
Families maintained by females . . . . .	5,583	5,765	227	241	5.9	-3.9
One earner . . . . .	3,940	4,139	188	199	5.8	-4.0
Householder . . . . .	3,041	3,225	191	205	7.1	-2.8
Other family member . . . . .	899	915	173	177	2.0	-7.5
Two or more earners . . . . .	1,642	1,625	372	397	6.6	-3.3
Families maintained by males . . . . .	1,614	1,641	365	382	4.7	-5.0
One earner . . . . .	996	1,046	290	312	7.7	-2.3
Two or more earners . . . . .	617	595	501	532	6.3	-3.6
<b>White</b>						
Total families with earners <sup>1</sup> . . . . .	35,268	35,392	417	447	7.4	-2.6
Married-couple families . . . . .	29,876	29,866	442	481	8.9	-1.2
One earner . . . . .	13,220	12,938	321	343	6.9	-3.0
Husband . . . . .	10,969	10,598	351	383	9.3	-1.9
Wife . . . . .	1,712	1,791	162	180	11.4	1.1
Two or more earners . . . . .	16,656	16,929	546	593	8.6	-1.4
Husband and wife . . . . .	14,029	14,301	549	597	8.7	-1.4
Families maintained by females . . . . .	4,080	4,186	237	248	5.0	-4.8
Families maintained by males . . . . .	1,311	1,340	378	397	5.1	-4.6
<b>Black</b>						
Total families with earners <sup>1</sup> . . . . .	4,448	4,512	303	321	5.9	-4.0
Married-couple families . . . . .	2,783	2,768	369	394	6.7	-3.3
One earner . . . . .	1,094	1,106	214	237	11.0	.7
Husband . . . . .	759	760	245	270	10.1	-1.1
Wife . . . . .	278	288	149	175	17.6	6.7
Two or more earners . . . . .	1,690	1,662	473	511	8.0	-2.0
Husband and wife . . . . .	1,462	1,429	483	522	8.1	-2.0
Families maintained by females . . . . .	1,405	1,480	195	217	11.5	1.1
Families maintained by males . . . . .	259	265	314	310	-1.2	-10.4
<b>Hispanic origin</b>						
Total families with earners <sup>1</sup> . . . . .	2,302	2,438	325	351	8.1	-2.0
Married-couple families . . . . .	1,827	1,922	347	385	11.0	.7
One earner . . . . .	887	911	234	248	5.7	-4.1
Husband . . . . .	765	772	248	273	10.2	-1.1
Wife . . . . .	90	96	145	168	15.6	4.5
Two or more earners . . . . .	940	1,011	459	492	7.1	-2.8
Husband and wife . . . . .	743	795	467	502	7.6	-2.4
Families maintained by females . . . . .	324	368	213	212	-1.3	-9.6
Families maintained by males . . . . .	152	147	327	290	-11.4	-19.7

<sup>1</sup> Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

# HOUSEHOLD DATA ANNUAL AVERAGES

## 2. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families <sup>1</sup> .....	3,053	3,296	\$ 322	\$341	6.2	-3.7
Husband unemployed .....	823	880	172	189	9.9	-.3
Wife only earner .....	637	686	162	180	11.2	.9
Wife and other earner(s) .....	100	105	338	349	3.5	-6.2
Other earner(s) only .....	86	89	138	144	4.8	-4.9
Wife unemployed .....	1,021	1,079	318	328	3.4	-6.2
Husband only earner .....	865	923	302	309	2.2	-7.3
Husband and other earner(s) .....	137	137	471	537	13.9	3.3
Other earner(s) only .....	20	20	(2)	(2)	--	--
Other member(s) unemployed .....	1,208	1,336	\$478	\$515	7.8	-2.2
Husband or wife earner .....	574	624	389	410	5.4	-4.4
Both husband and wife earners .....	593	665	578	626	8.2	-1.8
Other combinations of earners .....	42	47	(2)	(2)	--	--
Families maintained by females <sup>1</sup> .....	569	678	\$213	\$219	2.9	-6.7
Householder unemployed .....	78	89	149	146	-2.0	-11.1
Other member(s) unemployed .....	491	589	224	228	1.7	-7.7
Families maintained by males <sup>1</sup> .....	182	199	294	292	-.8	-10.0

<sup>1</sup> Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

<sup>2</sup> Median not shown where base is less than 50,000.

3. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over .....	70,437	70,919	\$266	\$289	8.7	-1.4
Males, 16 years and over .....	42,846	42,931	322	348	7.9	-2.1
16 to 24 years .....	7,675	7,409	214	225	5.0	-4.8
25 years and over .....	35,171	35,522	346	379	9.5	-0.7
Females, 16 years and over .....	27,591	27,988	204	225	10.1	-0.1
16 to 24 years .....	6,081	5,874	171	184	7.7	-2.3
25 years and over .....	21,510	22,114	217	237	9.1	-1.0
<b>FAMILY RELATIONSHIP</b>						
Husbands .....	29,665	29,531	349	383	9.9	-0.3
Wives .....	14,333	14,456	208	229	10.1	-0.1
Others in married-couple families .....	6,383	6,461	184	196	6.9	-3.1
Females who maintain families .....	3,727	3,842	210	228	8.6	-1.5
Others in such families .....	2,361	2,315	193	203	5.0	-4.8
Males who maintain families .....	1,320	1,316	314	343	9.1	-1.0
Others in such families .....	838	832	198	211	6.6	-3.3
All other males <sup>1</sup> .....	6,296	6,520	298	323	8.5	-1.6
All other females <sup>1</sup> .....	5,515	5,646	222	246	10.6	0.3
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	61,807	62,218	273	296	8.4	-1.7
Males .....	38,178	38,251	329	357	8.5	-1.6
Females .....	23,629	23,967	206	226	9.8	-0.4
Black .....	7,294	7,326	219	239	9.4	-0.8
Males .....	3,946	3,942	247	273	10.4	-0.2
Females .....	3,348	3,384	190	211	11.1	-0.7
Hispanic origin .....	3,972	4,125	214	229	7.3	-2.7
Males .....	2,541	2,655	238	252	6.2	-3.6
Females .....	1,431	1,470	177	193	8.6	-1.5

<sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in some whose family status is unknown. married-couple families where the husband is in the Armed Forces, persons in secondary families, and

# HOUSEHOLD DATA ANNUAL AVERAGES

## 4. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in:	
					Current dollars	Constant dollars
<b>SEX AND AGE</b>						
Total, 16 years and over . . . . .	15,344	15,732	\$74	\$81	9.2	-0.9
Males, 16 years and over . . . . .	4,795	4,838	71	78	9.9	-0.3
16 to 24 years . . . . .	3,026	3,004	63	67	7.6	-2.4
25 years and over . . . . .	1,768	1,834	90	101	12.5	2.1
Females, 16 years and over . . . . .	10,549	10,894	75	82	9.2	-1.0
16 to 24 years . . . . .	3,661	3,705	62	67	8.1	-2.0
25 years and over . . . . .	6,888	7,189	83	93	11.6	1.2
<b>FAMILY RELATIONSHIP</b>						
Husbands . . . . .	1,259	1,275	91	101	11.2	.8
Wives . . . . .	5,547	5,778	86	94	10.0	-0.2
Others in married-couple families . . . . .	4,463	4,503	60	64	7.3	-2.7
Females who maintain families . . . . .	753	812	80	91	13.8	3.3
Others in such families . . . . .	997	1,019	62	67	8.4	-1.7
Males who maintain families . . . . .	83	78	83	86	3.6	-6.1
Others in such families . . . . .	259	274	73	71	-2.1	-11.2
All other males <sup>1</sup> . . . . .	681	676	93	101	9.0	-1.1
All other females <sup>1</sup> . . . . .	1,300	1,317	76	84	10.6	.3
<b>RACE AND HISPANIC ORIGIN</b>						
White . . . . .	13,665	14,060	74	81	8.9	-1.2
Males . . . . .	4,209	4,265	70	77	9.6	-0.6
Females . . . . .	9,456	9,795	75	82	8.9	-1.3
Black . . . . .	1,418	1,425	71	80	13.1	2.6
Males . . . . .	487	484	75	81	9.1	-1.0
Females . . . . .	930	941	69	80	15.1	4.4
Hispanic origin . . . . .	637	691	79	83	4.1	-5.6
Males . . . . .	253	256	81	81	.3	-9.0
Females . . . . .	385	435	79	84	6.2	-3.7

<sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.



# HOUSEHOLD DATA ANNUAL AVERAGES

## 5. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in:	
					Current dollars	Constant dollars
<b>TOTAL</b>						
Professional and technical workers . . . . .	12,197	12,572	\$341	\$378	10.9	0.6
Managers and administrators, except farm . . . . .	7,501	7,717	380	408	7.4	-2.6
Sales workers . . . . .	3,464	3,521	279	307	9.8	-.4
Clerical workers . . . . .	13,715	13,760	215	233	8.5	-1.6
Craft and kindred workers . . . . .	10,507	10,338	328	353	7.7	-2.3
Operatives, except transport . . . . .	9,232	9,243	225	242	7.5	-2.4
Transport equipment operatives . . . . .	2,813	2,739	286	304	6.0	-3.8
Nonfarm laborers . . . . .	3,159	3,147	220	239	8.4	-1.7
Service workers . . . . .	7,108	7,140	180	193	7.1	-2.8
Farm workers . . . . .	741	743	169	179	5.7	-4.1
<b>Males</b>						
Professional and technical workers . . . . .	6,947	7,182	406	440	8.4	-1.6
Managers and administrators, except farm . . . . .	5,472	5,531	435	468	7.6	-2.4
Sales workers . . . . .	2,302	2,360	337	367	8.9	-1.2
Clerical workers . . . . .	3,027	2,959	305	329	7.7	-2.3
Craft and kindred workers . . . . .	9,953	9,755	334	361	8.1	-1.9
Operatives, except transport . . . . .	5,601	5,652	275	299	9.0	-1.2
Transport equipment operatives . . . . .	2,689	2,606	290	308	6.1	-3.7
Nonfarm laborers . . . . .	2,811	2,821	227	244	7.3	-2.6
Service workers . . . . .	3,398	3,409	224	239	6.3	-3.5
Farm workers . . . . .	646	656	173	183	5.6	-4.2
<b>Females</b>						
Professional and technical workers . . . . .	5,250	5,390	287	316	10.1	-.1
Managers and administrators, except farm . . . . .	2,029	2,186	257	284	10.4	-.2
Sales workers . . . . .	1,162	1,161	176	190	7.8	-2.2
Clerical workers . . . . .	10,688	10,801	199	220	10.4	.1
Craft and kindred workers . . . . .	555	583	213	240	12.3	1.8
Operatives, except transport . . . . .	3,631	3,591	174	188	8.1	-1.9
Transport equipment operatives . . . . .	124	133	213	238	11.7	1.3
Nonfarm laborers . . . . .	348	326	172	193	12.1	1.7
Service workers . . . . .	3,710	3,731	149	165	10.7	-.4
Farm workers . . . . .	95	87	141	148	4.5	-5.2

## ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

**B-1. Employees on nonagricultural payrolls by industry division, 1930 to date**

(In thousands)

Year and month	Goods-producing						Service-producing								
	Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government			
							Total	Wholesale trade	Retail trade			Total	Federal	State and local	
<b>Annual averages</b>															
1930.....	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	-	-	1,460	3,361	3,148	526	2,622
1931.....	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	-	-	1,392	3,169	3,264	560	2,704
1932.....	23,615	8,647	731	985	6,931	14,968	2,816	4,683	-	-	1,326	2,918	3,225	559	2,666
1933.....	23,699	8,965	744	824	7,397	14,734	2,672	4,755	-	-	1,280	2,861	3,166	565	2,601
1934.....	25,940	10,261	883	877	8,501	15,679	2,750	5,281	-	-	1,304	3,045	3,299	652	2,647
1935.....	27,039	10,893	897	927	9,069	16,146	2,786	5,431	-	-	1,320	3,128	3,481	753	2,728
1936.....	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	-	-	1,373	3,312	3,668	826	2,842
1937.....	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	-	-	1,417	3,503	3,756	833	2,923
1938.....	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	-	-	1,410	3,458	3,883	829	3,054
1939.....	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940.....	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941.....	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942.....	40,106	18,070	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943.....	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944.....	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945.....	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946.....	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947.....	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948.....	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949.....	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950.....	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951.....	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952.....	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953.....	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954.....	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,363
1955.....	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956.....	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957.....	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958.....	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959 <sup>1</sup> .....	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960.....	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961.....	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962.....	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963.....	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964.....	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965.....	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966.....	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967.....	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968.....	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969.....	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970.....	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971.....	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972.....	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973.....	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974.....	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975.....	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976.....	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977.....	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978.....	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979.....	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980.....	90,564	25,718	1,020	4,399	20,300	64,847	5,143	20,386	5,281	15,104	5,168	17,901	16,249	2,866	13,383
1981.....	91,543	25,672	1,104	4,307	20,261	65,871	5,151	20,738	5,343	15,395	5,331	18,598	16,054	2,772	13,282
<b>Monthly data, seasonally adjusted</b>															
<b>1981:</b>															
March.....	91,347	25,705	1,098	4,416	20,191	65,642	5,139	20,635	5,316	15,319	5,293	18,371	16,204	2,781	13,423
April.....	91,458	25,700	950	4,418	20,332	65,758	5,161	20,636	5,333	15,303	5,316	18,475	16,170	2,767	13,403
May.....	91,564	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352
June.....	91,615	25,818	1,110	4,284	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259
July.....	91,880	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,344	18,642	15,992	2,777	13,215
August.....	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,497	5,354	18,657	15,917	2,770	13,147
September....	92,033	25,930	1,162	4,272	20,495	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140
October.....	91,832	25,662	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,360	18,788	15,938	2,759	13,179
November.....	91,522	25,418	1,172	4,229	20,017	66,104	5,147	20,838	5,363	15,475	5,355	18,838	15,925	2,748	13,178
December.....	91,113	25,104	1,175	4,193	19,735	66,009	5,122	20,735	5,336	15,399	5,366	18,856	15,930	2,741	13,189
<b>1982:</b>															
January.....	90,879	24,801	1,166	4,085	19,553	66,078	5,124	20,849	5,321	15,528	5,361	18,845	15,899	2,742	13,157
February <sup>P</sup> ....	91,040	24,841	1,166	4,168	19,507	66,199	5,101	20,925	5,320	15,605	5,364	18,918	15,891	2,737	13,154
March <sup>P</sup> .....	90,822	24,650	1,163	4,122	19,375	66,162	5,088	20,904	5,309	15,595	5,373	18,898	15,899	2,732	13,167

<sup>1</sup> Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

P = preliminary.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
-	<b>TOTAL</b> .....	90,138	90,720	89,799	89,964	90,255	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	73,680	74,227	73,912	73,852	74,074	59,633	60,115	59,534	59,500	59,705
-	<b>MINING</b> .....	1,071	1,084	1,149	1,146	1,148	790	800	838	834	834
10	<b>METAL MINING</b> .....	103.3	102.6	90.7	87.9	-	78.3	77.6	67.5	65.0	-
101	Iron ores .....	21.8	21.9	18.9	18.6	-	17.0	17.1	14.5	14.3	-
102	Copper ores .....	36.7	36.3	32.5	31.9	-	28.5	28.1	24.7	24.1	-
11, 12	<b>COAL MINING</b> .....	249.9	252.9	255.4	254.1	-	206.4	208.6	211.6	213.0	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	246.4	249.5	252.0	250.7	-	203.3	205.6	208.5	207.0	-
13	<b>OIL AND GAS EXTRACTION</b> .....	607.6	615.1	701.8	701.8	-	422.6	428.1	485.1	482.7	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	240.0	242.2	271.4	272.3	-	105.6	106.4	116.4	115.5	-
138	Oil and gas field services .....	367.6	372.9	430.4	429.5	-	317.0	321.7	368.7	366.2	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	109.9	113.1	100.9	101.8	-	32.8	85.0	73.8	74.3	-
142	Crushed and broken stone .....	32.5	33.7	27.6	28.0	-	26.0	27.1	20.9	21.4	-
144	Sand and gravel .....	30.1	31.8	26.8	26.8	-	-	-	-	-	-
147	Chemical and fertilizer minerals .....	27.1	27.0	26.5	26.6	-	-	-	-	-	-
-	<b>CONSTRUCTION</b> .....	3,901	4,048	3,721	3,705	3,780	2,964	3,107	2,775	2,768	2,839
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,076.1	1,110.9	1,005.1	990.0	-	737.1	821.7	724.3	709.7	-
152	Residential building construction .....	525.0	540.0	494.5	484.4	-	357.2	382.4	340.1	329.2	-
153	Operative builders .....	59.8	60.5	50.6	49.0	-	32.3	32.8	25.6	24.1	-
154	Nonresidential building construction .....	491.3	510.4	460.0	456.6	-	387.6	406.5	358.6	355.4	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	742.1	795.1	712.9	729.1	-	574.5	626.4	542.7	553.4	-
161	Highway and street construction .....	173.9	191.8	144.1	151.3	-	135.3	153.4	108.6	115.4	-
182	Heavy construction, except highway .....	568.2	603.3	558.8	577.8	-	438.2	473.0	434.1	447.0	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	2,082.4	2,141.5	2,003.0	1,986.0	-	1,601.9	1,658.9	1,507.8	1,494.4	-
171	Plumbing, heating, air conditioning .....	531.8	532.8	523.2	514.2	-	394.1	394.3	381.4	372.2	-
172	Painting, paper hanging, decorating .....	117.5	121.6	116.8	113.8	-	94.0	98.0	92.6	90.3	-
173	Electrical work .....	405.6	404.3	400.7	393.3	-	310.8	309.4	305.0	297.4	-
174	Masonry, stonework, and plastering .....	337.5	351.2	297.6	310.1	-	285.1	299.1	242.4	255.0	-
175	Carpentering and flooring .....	115.8	119.1	107.3	107.0	-	94.3	87.8	75.1	75.0	-
176	Roofing and sheet metal work .....	141.1	152.8	137.1	138.1	-	109.1	120.3	102.9	104.1	-
-	<b>MANUFACTURING</b> .....	20,065	20,160	19,462	19,410	19,352	13,971	14,049	13,276	13,250	13,215
24, 25, 32-39	<b>DURABLE GOODS</b> .....	12,042	12,120	11,589	11,539	11,511	8,279	8,345	7,763	7,734	7,714
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,023	8,040	7,873	7,871	7,841	5,692	5,704	5,513	5,515	5,501
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	674.5	678.3	602.4	610.6	608.0	561.1	563.8	490.7	499.9	497.1
241	Logging camps and logging contractors .....	80.3	78.6	74.4	76.4	-	52.9	61.0	55.9	58.5	-
242	Sawmills and planing mills .....	207.6	207.6	183.4	186.3	-	182.7	183.0	159.8	163.3	-
2421	Sawmills and planing mills, general .....	172.3	172.2	152.2	155.7	-	152.3	152.4	133.1	137.2	-
2426	Hardwood dimension and flooring .....	30.6	30.8	27.4	26.8	-	26.3	26.5	23.4	22.8	-
243	Millwork, plywood, and structural members .....	204.4	205.9	179.0	177.2	-	158.9	170.0	144.6	143.3	-
2431	Millwork .....	71.1	71.2	62.9	62.2	-	57.0	57.3	49.0	48.2	-
2434	Wood kitchen cabinets .....	49.0	49.6	42.7	41.8	-	39.6	39.6	33.0	32.3	-
2435	Hardwood veneer and plywood .....	26.4	26.8	24.1	24.4	-	23.2	23.6	21.0	21.4	-
2436	Softwood veneer and plywood .....	43.2	42.6	36.8	36.8	-	38.4	37.9	32.7	32.8	-
244	Wood containers .....	41.8	42.4	38.6	39.8	-	35.9	36.4	32.2	31.5	-
245	Wood buildings and mobile homes .....	60.9	63.5	52.8	56.8	-	44.3	46.4	36.8	33.7	-
2451	Mobile homes .....	43.3	45.6	39.1	43.8	-	32.6	34.5	28.6	32.2	-
249	Miscellaneous wood products .....	79.5	80.3	74.2	74.1	-	66.4	67.0	61.4	61.5	-
26	<b>FURNITURE AND FIXTURES</b> .....	471.7	472.1	463.2	459.8	456.1	380.9	380.9	369.0	355.3	362.2
251	Household furniture .....	310.5	310.7	298.0	294.5	-	250.8	260.4	247.0	243.6	-
2511	Wood household furniture .....	140.7	141.0	135.1	133.2	-	122.2	122.4	116.6	114.8	-
2512	Upholstered household furniture .....	95.0	96.4	92.0	91.3	-	78.8	78.9	73.9	73.1	-
2514	Metal household furniture .....	31.3	30.7	30.8	30.1	-	25.9	25.1	24.9	24.3	-
2515	Mattresses and bedsprings .....	30.0	30.0	27.7	27.7	-	23.1	23.0	20.8	20.8	-
252	Office furniture .....	50.5	50.6	52.3	52.4	-	39.4	39.6	40.4	40.4	-
253	Public building and related furniture .....	23.6	23.7	25.1	25.2	-	17.6	17.7	18.4	19.5	-
254	Partitions and fixtures .....	59.9	59.9	59.2	59.7	-	44.4	44.5	43.5	43.6	-
259	Miscellaneous furniture and fixtures .....	27.2	27.2	28.6	28.0	-	18.7	18.7	19.7	19.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	630.6	639.5	589.1	584.6	588.1	482.3	490.1	442.7	439.0	443.1
321	Flat glass	19.4	19.1	16.0	15.8	-	14.7	14.6	12.0	11.9	-
322	Glass and glassware, pressed or blown	120.7	121.5	117.3	116.4	-	101.4	102.0	99.1	98.2	-
3221	Glass containers	66.5	66.8	64.5	64.6	-	57.9	58.1	56.5	56.7	-
3229	Pressed and blown glass, nec	54.2	54.7	52.8	51.8	-	43.5	43.9	42.6	41.5	-
323	Products of purchased glass	46.8	46.7	45.0	44.3	-	32.6	32.2	30.3	29.9	-
324	Cement, hydraulic	29.0	28.9	26.7	26.8	-	22.7	22.7	20.9	20.9	-
325	Structural clay products	42.3	42.4	36.9	35.9	-	31.6	31.7	26.7	26.0	-
326	Pottery and related products	45.0	44.8	38.9	40.3	-	37.0	36.8	31.3	32.5	-
327	Concrete, gypsum, and plaster products	178.6	185.9	162.1	160.2	-	134.0	140.5	119.0	117.5	-
3271	Concrete block and brick	18.2	19.1	17.4	16.4	-	12.2	13.0	11.3	10.5	-
3272	Concrete products, nec	60.8	61.2	55.1	55.7	-	44.8	45.0	39.8	40.2	-
3273	Ready-mixed concrete	79.3	85.4	70.5	69.5	-	60.5	66.1	52.6	51.9	-
329	Misc. nonmetallic mineral products	137.7	138.7	135.1	133.2	-	99.4	100.3	94.6	92.6	-
3291	Abrasive products	28.6	28.9	28.7	28.5	-	19.4	19.7	18.7	19.5	-
3292	Asbestos products	17.3	17.3	16.5	16.0	-	13.4	13.4	12.4	11.9	-
3296	Mineral wool	31.6	31.6	30.3	30.3	-	-	-	-	-	-
33	<b>PRIMARY METAL INDUSTRIES</b>	1,137.7	1,141.3	1,041.7	1,024.1	1,018.3	877.3	880.9	783.9	770.2	765.3
331	Blast furnace and basic steel products	510.5	512.6	462.0	450.8	-	336.9	338.8	349.4	340.0	-
3312	Blast furnaces and steel mills	428.1	429.8	386.8	376.4	-	334.1	335.7	293.5	284.8	-
3317	Steel pipe and tubes	31.5	31.9	29.5	29.0	-	24.4	24.7	22.2	21.8	-
332	Iron and steel foundries	205.5	207.1	185.4	183.3	-	154.6	166.0	145.2	143.7	-
3321	Gray iron foundries	123.9	125.5	111.4	110.0	-	100.9	102.5	89.3	88.2	-
3322	Malleable iron foundries	15.6	15.6	13.6	13.4	-	12.0	12.0	10.2	10.1	-
3325	Steel foundries, nec	53.9	53.9	49.4	48.8	-	42.8	42.6	38.4	38.0	-
333	Primary nonferrous metals	71.7	71.8	67.1	65.9	-	53.9	54.1	49.2	48.1	-
3334	Primary aluminum	37.0	36.8	32.9	31.9	-	28.5	28.4	24.7	23.8	-
335	Nonferrous rolling and drawing	207.9	207.2	193.3	190.6	-	149.3	148.7	136.7	135.0	-
3351	Copper rolling and drawing	30.0	29.1	26.9	26.6	-	22.5	22.0	20.2	20.0	-
3353	Aluminum sheet, plate, and foil	34.6	34.7	30.0	29.4	-	26.5	26.5	22.6	22.2	-
3357	Nonferrous wire drawing and insulating	85.9	86.7	83.0	82.1	-	62.3	63.0	58.4	58.0	-
336	Nonferrous foundries	90.5	91.2	84.8	85.1	-	73.3	74.1	67.0	67.7	-
3361	Aluminum foundries	52.1	52.0	47.4	47.6	-	43.2	43.3	38.2	38.6	-
34	<b>FABRICATED METAL PRODUCTS</b>	1,578.1	1,585.4	1,502.3	1,494.4	1,485.7	1,165.1	1,172.0	1,086.9	1,080.1	1,074.0
341	Metal cans and shipping containers	72.9	71.7	67.4	68.2	-	61.5	60.4	56.9	57.5	-
3411	Metal cans	60.1	58.7	55.3	56.1	-	51.2	49.9	47.4	48.0	-
342	Cutlery, hand tools, and hardware	168.1	169.4	158.0	154.3	-	129.4	130.3	117.5	113.6	-
3423.5	Hand and edge tools, and hand saws and blades	58.7	58.9	56.5	55.6	-	45.2	45.1	42.7	41.7	-
3429	Hardware, nec	94.5	95.7	87.6	85.1	-	72.4	73.5	64.8	62.3	-
343	Plumbing and heating, except electric	67.6	67.4	66.0	66.8	-	48.4	48.4	45.5	46.5	-
3432	Plumbing fittings and brass goods	23.4	23.7	24.8	24.9	-	18.7	19.1	19.6	19.7	-
3433	Heating equipment, except electric	33.2	32.7	31.0	31.4	-	22.0	21.6	19.6	20.2	-
344	Fabricated structural metal products	498.6	497.9	474.4	468.0	-	340.3	339.3	318.1	311.5	-
3441	Fabricated structural metal	96.8	96.7	91.9	91.5	-	69.7	69.6	65.3	64.8	-
3442	Metal doors, sash, and trim	77.4	76.8	71.5	69.5	-	56.0	55.4	50.5	48.5	-
3443	Fabricated plate work (boiler shops)	148.8	149.1	142.1	140.5	-	90.8	90.6	84.7	82.9	-
3444	Sheet metal work	108.2	108.3	105.6	104.8	-	78.5	78.7	75.8	74.8	-
3446	Architectural metal work	32.5	32.1	30.5	30.3	-	22.8	22.6	21.1	21.0	-
345	Screw machine products, bolts, etc.	104.3	104.4	97.3	96.3	-	80.6	80.5	73.6	72.9	-
3451	Screw machine products	48.9	49.1	46.8	46.4	-	39.7	39.9	37.1	36.7	-
3452	Bolts, nuts, rivets, and washers	55.4	55.3	50.5	49.9	-	40.9	40.6	36.5	36.2	-
346	Metal forgings and stampings	253.6	258.7	229.8	230.7	-	199.0	204.7	177.3	179.5	-
3462	Iron and steel forgings	44.9	45.1	40.0	40.2	-	34.8	35.0	30.5	30.8	-
3465	Automotive stampings	87.5	92.7	77.4	78.6	-	71.0	76.4	62.6	64.5	-
3469	Metal stampings, nec	108.4	108.2	100.6	100.1	-	83.3	83.4	75.2	75.1	-
347	Metal services, nec	101.4	102.0	99.8	99.9	-	81.4	82.0	79.5	79.6	-
3471	Plating and polishing	68.7	69.2	66.6	66.7	-	55.9	56.4	54.0	54.2	-
3479	Metal coating and allied services	32.7	32.8	33.2	33.2	-	25.5	25.6	25.5	25.4	-
348	Ordinance and accessories, nec	59.6	59.8	61.3	61.6	-	39.0	39.1	39.3	39.5	-
3483	Ammunition, exc. for small arms, nec	25.3	25.2	25.4	25.4	-	17.0	16.8	16.2	16.3	-
349	Misc. fabricated metal products	252.0	254.1	248.3	248.6	-	185.5	187.3	179.2	179.5	-
3494	Valves and pipe fittings	103.3	103.5	103.6	102.8	-	70.8	71.1	69.5	69.3	-
3496	Misc. fabricated wire products	54.4	55.4	53.2	54.2	-	42.3	43.2	40.3	41.3	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2,498.4	2,504.3	2,465.0	2,458.3	2,442.1	1,591.5	1,596.4	1,535.6	1,531.7	1,514.6
351	Engines and turbines	132.0	131.4	128.9	129.0	-	86.1	84.9	82.9	82.8	-
3511	Turbines and turbine generator sets	41.5	41.6	40.4	39.9	-	22.2	22.3	21.7	21.4	-
3519	Internal combustion engines, nec	90.5	89.8	88.5	89.1	-	63.9	62.6	61.2	61.4	-
352	Farm and garden machinery	170.6	173.1	153.6	155.8	-	114.6	117.0	101.2	104.2	-
3523	Farm machinery and equipment	145.9	148.4	126.3	129.3	-	96.6	99.0	80.5	83.8	-
353	Construction and related machinery	390.5	393.4	396.0	400.6	-	256.2	258.8	254.7	253.8	-
3531	Construction machinery	144.5	144.9	136.8	141.9	-	97.1	97.3	86.5	91.3	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry— Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3532	Mining machinery.....	38.1	38.7	35.6	36.3	-	23.6	24.1	21.9	22.5	-
3533	Oil field machinery.....	102.1	104.0	118.2	118.7	-	70.5	72.1	82.9	83.8	-
3535	Conveyers and conveying equipment.....	34.2	33.9	33.6	33.4	-	19.2	19.2	18.3	18.2	-
3537	Industrial trucks and tractors.....	36.3	36.4	34.8	34.5	-	24.2	24.4	22.1	22.0	-
354	Metalworking machinery.....	364.2	361.1	349.5	345.3	-	254.0	262.2	248.4	244.4	-
3541	Machine tools, metal cutting types.....	80.3	80.3	73.2	72.6	-	52.6	52.5	46.2	45.6	-
3542	Machine tools, metal forming types.....	25.9	26.0	25.1	24.6	-	16.4	16.4	15.7	15.3	-
3544	Special dies, tools, jigs, and fixtures.....	135.0	134.2	132.6	131.2	-	107.6	107.4	104.1	102.9	-
3545	Machine tool accessories.....	68.7	68.0	67.7	66.9	-	48.4	48.0	46.9	45.9	-
3546	Power driven hand tools.....	30.2	30.0	27.2	26.5	-	23.3	23.2	20.1	19.6	-
355	Special industry machinery.....	205.8	206.1	194.3	191.2	-	130.2	130.4	120.9	118.7	-
3551	Food products machinery.....	45.2	45.6	42.6	42.5	-	28.9	29.2	27.0	27.1	-
3552	Textile machinery.....	26.1	25.6	23.6	22.5	-	18.2	17.8	16.2	15.3	-
3555	Printing trades machinery.....	42.5	42.5	42.9	42.7	-	26.2	26.2	26.5	26.3	-
356	General industrial machinery.....	315.6	315.0	303.7	300.2	-	204.2	204.1	194.1	190.9	-
3561	Pumps and pumping equipment.....	62.3	62.0	62.1	61.7	-	36.2	36.0	36.6	36.1	-
3562	Ball and roller bearings.....	57.7	57.2	51.5	50.8	-	44.8	44.5	39.2	38.6	-
3563	Air and gas compressors.....	30.1	30.3	29.9	29.6	-	18.0	18.2	17.2	16.8	-
3564	Blowers and fans.....	40.9	40.8	37.8	38.2	-	25.4	25.4	23.4	23.6	-
3566	Speed changers, drives, and gears.....	26.2	26.4	26.2	24.9	-	17.3	17.4	17.0	16.2	-
3568	Power transmission equipment, nec.....	21.4	21.5	21.3	21.2	-	15.0	15.2	14.9	14.9	-
357	Office and computing machines.....	441.3	442.8	466.7	468.6	-	182.5	182.4	187.3	189.3	-
3573	Electronic computing equipment.....	362.0	363.5	390.5	392.9	-	139.8	139.8	147.8	150.3	-
358	Refrigeration and service machinery.....	180.4	181.2	173.8	175.8	-	124.9	125.7	119.6	121.2	-
3585	Refrigeration and heating equipment.....	124.1	124.8	117.4	117.9	-	87.0	87.5	81.4	82.1	-
359	Misc. machinery, except electrical.....	298.0	300.2	298.5	291.8	-	228.8	230.9	226.5	220.4	-
3592	Carburetors, pistons, rings, valves.....	40.9	41.5	38.3	34.3	-	33.1	33.9	29.5	25.8	-
3599	Machinery, except electrical, nec.....	257.1	258.7	260.2	257.5	-	195.7	197.0	197.0	194.6	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT.....</b>	<b>2,112.3</b>	<b>2,119.5</b>	<b>2,099.3</b>	<b>2,089.2</b>	<b>2,077.5</b>	<b>1,330.6</b>	<b>1,337.0</b>	<b>1,291.9</b>	<b>1,283.6</b>	<b>1,272.9</b>
361	Electric distributing equipment.....	120.3	120.3	117.0	115.7	-	94.3	85.1	83.0	81.4	-
3612	Transformers.....	51.5	51.8	50.9	50.8	-	35.9	36.7	36.2	36.1	-
3613	Switchgear and switchboard apparatus.....	68.8	68.5	66.1	64.9	-	48.4	48.4	46.8	45.3	-
362	Electrical industrial apparatus.....	236.6	237.8	229.3	226.4	-	167.6	169.3	161.7	159.0	-
3621	Motors and generators.....	121.3	122.2	117.2	115.3	-	93.2	94.0	89.7	87.8	-
3622	Industrial controls.....	70.7	70.2	68.0	67.4	-	43.5	43.5	41.0	40.6	-
363	Household appliances.....	168.3	169.9	149.2	149.3	-	135.3	136.5	114.0	114.1	-
3632	Household refrigerators and freezers.....	37.3	39.1	33.2	33.3	-	30.8	32.6	26.4	26.4	-
3633	Household laundry equipment.....	20.5	20.6	18.9	19.3	-	16.2	16.2	14.3	14.6	-
3634	Electric housewares and fans.....	51.4	51.5	47.1	45.3	-	41.6	41.5	36.2	34.4	-
364	Electric lighting and wiring equipment.....	206.9	209.9	204.6	204.9	-	153.6	156.0	149.2	149.2	-
3641	Electric lamps.....	34.8	34.8	35.5	35.8	-	30.8	30.7	31.5	31.8	-
3643	Current-carrying wiring devices.....	87.2	88.3	88.1	87.9	-	60.0	60.6	58.4	58.2	-
3644	Noncurrent-carrying wiring devices.....	22.9	23.1	21.7	21.7	-	16.5	16.8	15.7	15.5	-
3645	Residential lighting fixtures.....	25.1	25.9	23.3	23.4	-	19.0	19.8	17.3	17.4	-
365	Radio and TV receiving equipment.....	108.2	108.7	103.9	100.7	-	76.7	77.2	71.7	68.7	-
3651	Radio and TV receiving sets.....	86.5	86.7	84.0	81.0	-	59.9	60.0	57.0	54.1	-
366	Communication equipment.....	541.9	541.7	551.8	549.1	-	253.4	263.1	262.3	261.8	-
3661	Telephone and telegraph apparatus.....	158.2	156.6	146.6	145.6	-	105.6	104.4	97.0	96.3	-
3662	Radio and TV communication equipment.....	383.7	385.1	405.2	403.5	-	157.8	158.7	165.3	155.5	-
367	Electronic components and accessories.....	564.7	566.0	579.6	580.7	-	329.6	330.3	333.8	334.4	-
3671-3	Electronic tubes.....	43.4	43.5	43.0	43.2	-	26.9	26.9	26.0	26.1	-
3674	Semiconductors and related devices.....	234.5	234.1	236.6	236.4	-	97.6	97.6	95.1	95.5	-
3679	Electronic components, nec.....	216.4	217.3	228.3	229.2	-	150.7	151.1	158.0	157.9	-
369	Misc. electrical equipment and supplies.....	165.4	165.2	163.9	162.4	-	120.1	119.5	116.2	115.0	-
3691	Storage batteries.....	32.1	31.1	34.1	33.8	-	25.2	23.9	26.6	25.1	-
3694	Engine electrical equipment.....	78.7	79.3	73.3	72.1	-	60.0	60.6	54.9	54.0	-
37	<b>TRANSPORTATION EQUIPMENT.....</b>	<b>1,824.8</b>	<b>1,860.4</b>	<b>1,719.4</b>	<b>1,713.8</b>	<b>1,734.5</b>	<b>1,173.2</b>	<b>1,202.7</b>	<b>1,062.2</b>	<b>1,064.1</b>	<b>1,086.7</b>
371	Motor vehicles and equipment.....	701.4	734.4	636.5	638.4	-	515.7	548.7	459.6	466.9	-
3711	Motor vehicles and car bodies.....	298.6	322.4	262.2	262.9	-	204.9	228.9	175.3	181.2	-
3713	Truck and bus bodies.....	35.2	34.1	30.1	30.2	-	26.1	25.3	22.4	22.6	-
3714	Motor vehicle parts and accessories.....	335.2	345.3	309.7	309.8	-	260.5	269.9	236.2	237.0	-
3715	Truck trailers.....	26.8	26.8	28.9	29.8	-	20.2	20.4	21.5	21.8	-
372	Aircraft and parts.....	663.7	664.5	643.6	638.1	-	359.1	355.6	333.5	329.1	-
3721	Aircraft.....	361.4	363.6	354.5	351.4	-	179.6	177.2	165.7	162.7	-
3724	Aircraft engines and engine parts.....	163.2	162.5	153.0	150.7	-	93.4	93.0	88.5	87.3	-
3728	Aircraft equipment, nec.....	139.1	138.4	136.1	136.0	-	86.1	85.4	79.3	79.1	-
373	Ship and boat building and repairing.....	226.1	228.9	215.8	214.3	-	180.4	182.5	165.0	164.5	-
3731	Ship building and repairing.....	179.7	180.9	170.5	168.4	-	141.8	142.4	127.8	126.6	-
3732	Boat building and repairing.....	46.4	48.0	45.3	45.9	-	38.6	40.1	37.2	37.9	-
374	Railroad equipment.....	56.9	53.4	40.7	39.4	-	41.1	37.7	26.2	25.2	-
376	Guided missiles, space vehicles, parts.....	116.3	116.8	122.8	122.8	-	35.4	35.2	37.1	37.0	-
3761	Guided missiles and space vehicles.....	93.0	93.6	99.8	99.9	-	26.8	26.6	28.0	28.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
379	Miscellaneous transportation equipment .....	39.4	40.6	40.7	41.1	-	26.3	27.0	27.1	27.4	-
3792	Travel trailers and campers .....	18.3	19.2	18.8	19.2	-	14.2	15.0	14.3	14.6	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS .....</b>	<b>710.1</b>	<b>712.1</b>	<b>710.8</b>	<b>708.1</b>	<b>704.5</b>	<b>420.1</b>	<b>421.0</b>	<b>413.8</b>	<b>412.1</b>	<b>409.6</b>
381	Engineering and scientific instruments .....	78.1	78.2	78.1	77.3	-	37.9	38.0	37.1	35.6	-
382	Measuring and controlling devices .....	242.3	243.4	241.8	239.7	-	151.9	151.9	150.0	148.5	-
3822	Environmental controls .....	47.3	47.9	43.5	42.9	-	32.5	33.0	28.4	29.3	-
3823	Process control instruments .....	54.7	55.2	56.2	55.9	-	29.1	29.1	29.3	29.0	-
3825	Instruments to measure electricity .....	103.8	103.8	104.9	104.8	-	64.8	64.5	66.8	66.4	-
383	Optical instruments and lenses .....	33.5	33.5	32.7	32.6	-	18.0	17.9	17.9	18.4	-
384	Medical instruments and supplies .....	158.3	159.0	151.2	161.3	-	100.7	101.5	101.2	101.3	-
3841	Surgical and medical instruments .....	72.8	73.2	75.4	76.1	-	45.3	45.6	45.1	45.7	-
3842	Surgical appliances and supplies .....	68.0	68.3	69.2	68.7	-	44.4	44.9	46.0	45.6	-
385	Ophthalmic goods .....	42.5	42.5	38.2	37.8	-	29.8	29.9	26.9	26.7	-
386	Photographic equipment and supplies .....	135.7	136.1	141.7	142.4	-	67.4	67.6	68.6	68.5	-
387	Watches, clocks, and watchcases .....	19.7	19.4	17.1	17.0	-	14.4	14.2	12.1	12.1	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES .....</b>	<b>403.3</b>	<b>406.7</b>	<b>395.3</b>	<b>396.2</b>	<b>396.5</b>	<b>296.8</b>	<b>300.6</b>	<b>286.1</b>	<b>287.6</b>	<b>288.5</b>
391	Jewelry, silverware, and plated ware .....	54.3	54.4	56.7	56.5	-	38.6	38.7	39.7	39.9	-
3911	Jewelry, precious metal .....	35.3	35.2	36.2	36.0	-	24.7	24.7	25.3	25.3	-
393	Musical instruments .....	22.0	22.2	21.6	21.4	-	17.8	18.0	17.1	16.9	-
394	Toys and sporting goods .....	107.3	110.3	102.2	104.1	-	78.2	81.5	74.5	76.5	-
3942, 4	Dolls, games, toys, and children's vehicles .....	53.4	55.1	48.1	50.1	-	37.2	39.2	32.4	34.7	-
3949	Sporting and athletic goods, nec .....	53.9	55.2	54.1	54.0	-	41.0	42.3	42.1	41.8	-
395	Pens, pencils, office and art supplies .....	37.9	38.0	38.9	38.8	-	26.8	26.8	27.2	27.1	-
396	Costume jewelry and notions .....	47.7	47.8	43.5	43.6	-	37.1	37.1	32.8	32.9	-
3961	Costume jewelry .....	23.7	23.2	21.7	22.0	-	18.3	17.7	16.6	16.8	-
399	Miscellaneous manufactures .....	134.1	134.0	132.4	131.8	-	98.3	98.5	94.8	94.3	-
3993	Signs and advertising displays .....	48.4	48.0	47.8	47.5	-	35.1	34.9	34.3	33.8	-
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	<b>1,639.2</b>	<b>1,632.5</b>	<b>1,613.3</b>	<b>1,614.5</b>	<b>1,610.1</b>	<b>1,109.9</b>	<b>1,104.3</b>	<b>1,089.1</b>	<b>1,092.6</b>	<b>1,090.1</b>
201	Meat products .....	348.7	346.9	337.6	336.8	-	289.3	288.3	280.7	280.5	-
2011	Meat packing plants .....	158.3	157.3	153.7	152.5	-	129.4	129.0	126.7	125.9	-
2013	Sausages and other prepared meats .....	68.1	67.7	67.1	67.2	-	50.2	49.9	49.4	49.6	-
2016	Poultry dressing plants .....	106.3	108.3	104.0	104.5	-	97.6	97.8	93.7	94.2	-
202	Dairy products .....	170.0	171.6	168.8	168.0	-	92.4	94.2	92.5	92.4	-
2022	Cheese, natural and processed .....	34.9	35.5	34.3	33.8	-	26.7	27.3	25.9	25.5	-
2026	Fluid milk .....	99.3	99.5	97.2	96.7	-	43.8	44.4	43.4	43.2	-
203	Preserved fruits and vegetables .....	213.3	214.8	196.0	199.1	-	169.6	170.4	156.1	159.9	-
2032	Canned specialties .....	25.5	25.1	25.1	25.4	-	18.7	18.2	18.5	19.0	-
2033	Canned fruits and vegetables .....	73.3	73.7	62.5	63.3	-	57.1	57.3	47.8	49.8	-
2037	Frozen fruits and vegetables .....	40.7	42.4	38.3	39.5	-	34.9	36.2	32.7	34.2	-
204	Grain mill products .....	144.1	141.9	142.0	141.4	-	99.1	98.1	96.8	96.5	-
2041	Flour and other grain mill products .....	27.5	27.5	27.9	27.8	-	16.9	17.1	16.8	17.1	-
2048	Prepared feeds, nec .....	57.1	56.1	55.4	55.1	-	37.0	36.7	35.9	35.6	-
205	Bakery products .....	220.8	220.8	218.9	219.7	-	127.8	127.2	126.3	127.1	-
2051	Bread, cake, and related products .....	178.5	178.9	178.0	177.7	-	94.5	94.4	94.1	94.2	-
2052	Cookies and crackers .....	42.3	41.9	40.9	42.0	-	33.3	32.8	32.2	32.9	-
206	Sugar and confectionery products .....	109.7	102.9	114.1	112.7	-	93.0	76.4	88.4	87.0	-
2061-3	Cane and beet sugar .....	31.3	27.8	33.1	32.8	-	23.0	19.4	25.5	25.2	-
2065	Confectionery products .....	58.1	54.8	60.0	59.2	-	46.3	43.4	48.8	47.9	-
207	Fats and oils .....	44.2	43.9	45.5	45.2	-	32.9	32.6	34.1	34.0	-
208	Beverages .....	231.5	231.6	231.9	232.1	-	101.2	101.5	97.0	97.1	-
2082	Malt beverages .....	50.0	50.2	47.9	48.6	-	32.4	32.8	29.9	30.9	-
2086	Bottled and canned soft drinks .....	137.1	137.3	140.6	140.7	-	44.7	45.0	44.9	44.8	-
209	Misc. foods and kindred products .....	156.9	158.1	158.5	159.5	-	114.6	115.6	117.2	118.1	-
21	<b>TOBACCO MANUFACTURES .....</b>	<b>70.6</b>	<b>68.3</b>	<b>72.2</b>	<b>68.7</b>	<b>64.6</b>	<b>54.4</b>	<b>52.4</b>	<b>56.8</b>	<b>53.5</b>	<b>49.8</b>
211	Cigarettes .....	47.8	47.5	47.6	46.9	-	36.1	35.9	36.6	36.0	-
22	<b>TEXTILE MILL PRODUCTS .....</b>	<b>841.1</b>	<b>840.9</b>	<b>795.5</b>	<b>794.7</b>	<b>782.1</b>	<b>729.4</b>	<b>729.5</b>	<b>683.8</b>	<b>683.5</b>	<b>574.0</b>
221	Weaving mills, cotton .....	146.3	144.2	136.4	135.9	-	130.9	128.9	121.3	120.7	-
222	Weaving mills, synthetics .....	117.4	118.8	112.4	111.5	-	105.3	106.5	100.1	99.5	-
223	Weaving and finishing mills, wool .....	19.0	19.0	18.4	18.3	-	15.5	15.6	15.4	15.4	-
224	Narrow fabric mills .....	23.7	23.8	23.3	23.2	-	20.9	20.8	20.3	20.1	-
225	Knitting mills .....	217.3	217.3	201.3	202.6	-	187.7	188.1	172.5	173.8	-
2251	Women's hosiery, except socks .....	28.8	28.4	28.9	28.6	-	25.9	25.4	25.8	25.6	-
2252	Hosiery, nec .....	33.5	33.9	32.6	33.2	-	30.4	30.8	29.7	30.2	-
2253	Knit outerwear mills .....	68.4	68.7	64.0	64.4	-	57.9	58.4	53.4	53.8	-
2254	Knit underwear mills .....	31.5	31.4	28.1	28.5	-	27.3	27.3	24.0	24.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
2257	Circular knit fabric mills	31.7	32.0	26.3	26.4	-	26.8	27.2	21.7	22.1	-
226	Textile finishing, except wool	72.1	72.4	69.5	68.9	-	60.3	60.8	57.7	57.1	-
2261	Finishing plants, cotton	28.1	27.9	27.7	27.4	-	23.1	23.1	22.8	22.4	-
2262	Finishing plants, synthetics	28.9	29.2	28.0	27.7	-	24.4	24.7	23.3	23.1	-
227	Floor covering mills	52.4	52.5	48.8	49.1	-	42.3	42.3	38.6	39.0	-
228	Yarn and thread mills	125.6	125.8	121.0	121.1	-	113.2	113.4	107.7	108.1	-
2281	Yarn mills, except wool	84.6	84.6	81.2	81.5	-	77.6	77.7	73.4	73.8	-
2282	Throwing and winding mills	20.3	20.4	18.9	18.7	-	17.9	16.0	16.6	16.4	-
229	Miscellaneous textile goods	67.3	67.1	64.4	64.1	-	53.3	53.1	50.2	49.8	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	<b>1,238.7</b>	<b>1,250.2</b>	<b>1,189.8</b>	<b>1,207.3</b>	<b>1,199.3</b>	<b>1,058.1</b>	<b>1,066.9</b>	<b>1,006.4</b>	<b>1,022.8</b>	<b>1,016.5</b>
231	Men's and boys' suits and coats	76.7	76.3	79.0	79.0	-	67.5	66.8	69.0	68.9	-
232	Men's and boys' furnishings	344.5	345.2	333.1	336.9	-	294.3	294.7	282.8	287.0	-
2321	Men's and boys' shirts and nightwear	94.1	95.0	92.6	93.3	-	80.8	81.5	79.5	80.5	-
2327	Men's and boys' separate trousers	73.9	73.1	71.1	72.7	-	64.7	63.9	62.1	63.7	-
2328	Men's and boys' work clothing	98.9	98.5	97.1	97.8	-	83.0	82.4	80.2	81.0	-
233	Women's and misses' outerwear	411.3	416.6	385.5	396.5	-	353.6	358.1	328.7	339.2	-
2331	Women's and misses' blouses and waists	61.3	62.2	58.5	59.2	-	53.5	54.4	50.5	51.1	-
2335	Women's and misses' dresses	140.6	143.9	130.0	135.4	-	124.5	127.4	113.0	117.8	-
2337	Women's and misses' suits and coats	60.0	60.2	55.0	56.3	-	51.4	51.4	46.3	47.6	-
2339	Women's and misses' outerwear, nec.	149.4	150.3	142.0	145.6	-	124.2	124.9	118.9	122.7	-
234	Women's and children's undergarments	87.3	87.4	85.9	87.2	-	74.5	74.5	73.2	74.4	-
2341	Women's and children's underwear	69.8	69.7	68.8	69.8	-	60.8	60.6	60.0	61.1	-
2342	Brassieres and allied garments	17.5	17.7	17.1	17.4	-	13.7	13.9	13.2	13.3	-
2346	Children's outerwear	64.9	65.4	63.7	63.9	-	55.5	55.7	54.1	54.3	-
2361	Children's dresses and blouses	28.4	28.3	28.2	28.2	-	25.6	25.4	25.4	25.3	-
238	Misc. apparel and accessories	54.3	55.0	51.4	51.5	-	46.3	46.9	43.0	42.9	-
239	Misc. fabricated textile products	178.0	183.0	171.1	172.4	-	147.5	151.6	138.4	139.3	-
2391	Curtains and draperies	26.7	27.0	27.8	27.1	-	22.2	22.4	22.8	22.2	-
2392	House furnishings, nec.	47.9	49.1	47.8	48.0	-	39.9	40.3	39.3	39.8	-
2396	Automotive and apparel trimmings	33.7	36.2	27.9	28.4	-	28.9	31.3	21.8	21.7	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	<b>687.7</b>	<b>688.6</b>	<b>674.9</b>	<b>670.8</b>	<b>667.4</b>	<b>517.4</b>	<b>518.5</b>	<b>503.7</b>	<b>500.9</b>	<b>498.9</b>
261, 26	Paper and pulp mills	201.5	202.4	198.5	196.7	-	151.3	152.0	148.6	147.1	-
262	Paper mills, except building paper	173.9	175.0	173.2	171.5	-	129.4	130.2	128.2	126.8	-
263	Paperboard mills	64.6	64.6	63.0	62.7	-	50.4	50.5	49.5	48.9	-
264	Misc. converted paper products	218.3	219.2	216.6	216.4	-	160.3	161.5	157.6	157.9	-
2641	Paper coating and glazing	56.3	56.1	55.8	55.8	-	35.7	35.8	35.0	35.0	-
2642	Envelopes	25.6	25.8	25.6	25.5	-	20.0	20.2	19.9	19.8	-
2643	Bags, except textile bags	50.5	50.2	50.7	50.7	-	39.7	39.3	39.4	39.5	-
265	Paperboard containers and boxes	203.3	202.4	196.8	195.0	-	155.4	154.5	148.0	147.0	-
2651	Folding paperboard boxes	41.9	41.2	42.1	42.0	-	32.9	32.1	32.4	32.5	-
2653	Corrugated and solid fiber boxes	105.7	105.3	101.8	100.2	-	77.6	77.4	74.1	73.1	-
2654	Sanitary food containers	26.0	26.2	25.0	24.9	-	21.3	21.4	19.8	19.7	-
27	<b>PRINTING AND PUBLISHING</b>	<b>1,273.6</b>	<b>1,278.2</b>	<b>1,300.9</b>	<b>1,304.1</b>	<b>1,304.9</b>	<b>709.2</b>	<b>710.3</b>	<b>714.5</b>	<b>717.6</b>	<b>721.4</b>
271	Newspapers	426.6	426.8	435.9	437.6	-	165.0	163.9	166.2	165.7	-
272	Periodicals	90.8	91.3	96.6	95.8	-	17.8	17.8	20.2	20.0	-
273	Books	102.5	102.7	101.3	102.1	-	54.0	54.2	51.5	52.3	-
2731	Book publishing	72.6	72.7	72.1	72.7	-	28.9	29.1	27.5	28.1	-
2732	Book printing	29.9	30.0	29.2	29.4	-	25.1	25.1	24.0	24.2	-
274	Miscellaneous publishing	51.2	50.7	50.8	51.1	-	27.6	27.4	27.2	23.1	-
275	Commercial printing	424.8	428.8	435.9	436.8	-	314.6	316.7	318.5	320.0	-
2751	Commercial printing, letterpress	167.5	169.1	170.3	169.4	-	124.2	125.2	124.9	125.2	-
2752	Commercial printing, lithographic	234.3	236.6	242.4	243.8	-	171.4	172.5	175.2	176.1	-
276	Manifold business forms	48.7	48.4	49.0	48.8	-	33.7	33.6	34.0	34.1	-
278	Blankbooks and bookbinding	60.4	60.9	60.4	60.9	-	49.1	49.6	48.8	49.5	-
279	Printing trade services	44.7	44.8	45.4	45.5	-	33.2	33.1	33.5	33.3	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	<b>1,102.9</b>	<b>1,106.8</b>	<b>1,088.0</b>	<b>1,087.3</b>	<b>1,089.2</b>	<b>623.0</b>	<b>627.3</b>	<b>605.9</b>	<b>604.3</b>	<b>607.6</b>
281	Industrial inorganic chemicals	162.5	163.0	161.4	161.0	-	88.6	89.3	87.4	86.6	-
2819	Industrial inorganic chemicals, nec.	107.3	107.5	105.8	105.1	-	58.4	58.7	56.9	56.1	-
282	Plastics materials and synthetics	200.6	201.0	193.8	192.9	-	132.3	133.0	124.7	124.5	-
2821	Plastics materials and resins	79.2	79.4	77.9	77.5	-	46.1	46.3	45.0	44.8	-
2824	Organic fibers, noncellulosic	94.5	94.5	90.8	90.4	-	66.6	66.7	62.7	62.7	-
283	Drugs	199.2	199.3	200.6	200.9	-	98.7	98.6	98.9	98.6	-
2834	Pharmaceutical preparations	157.5	157.4	157.8	157.9	-	76.3	76.3	76.2	76.3	-
284	Soap, cleaners, and toilet goods	140.5	140.7	136.9	136.5	-	86.9	87.5	84.6	84.1	-
2841	Soap and other detergents	41.7	41.2	39.9	39.8	-	27.4	26.9	26.0	25.8	-
2844	Toilet preparations	56.5	57.4	55.6	55.0	-	36.8	38.0	36.4	36.1	-
2842, 3	Polishing, sanitation, and finishing preparations	42.3	42.1	41.4	41.7	-	22.7	22.6	22.2	22.2	-
285	Paints and allied products	64.0	64.3	61.2	61.2	-	31.6	31.7	29.3	29.4	-
286	Industrial organic chemicals	169.5	169.8	169.6	168.8	-	95.4	85.8	84.5	83.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

(In thousands)

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
2865	Cyclic crudes and intermediates . . . . .	34.8	34.8	34.7	34.3	-	21.0	21.0	21.4	21.1	-
2861.9	Gum, wood, and industrial organic chemicals, nec . . . . .	134.7	135.0	134.9	134.5	-	64.4	64.8	63.1	62.7	-
287	Agricultural chemicals . . . . .	72.3	73.8	70.9	71.8	-	45.3	46.8	43.8	44.4	-
289	Miscellaneous chemical products . . . . .	94.3	94.9	93.6	94.2	-	54.2	54.6	52.7	52.9	-
29	<b>PETROLEUM AND COAL PRODUCTS . . . . .</b>	205.7	207.0	199.0	197.5	198.6	129.5	130.8	118.4	117.0	117.3
291	Petroleum refining . . . . .	167.2	167.7	165.1	164.0	-	102.4	102.6	96.1	94.9	-
295	Paving and roofing materials . . . . .	26.3	27.0	22.0	21.7	-	19.3	20.3	15.1	14.9	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS . . . . .</b>	734.2	737.2	720.4	715.5	715.5	557.0	569.4	550.5	546.9	548.3
301	Tires and inner tubes . . . . .	121.9	121.9	122.6	121.6	-	86.7	86.4	86.7	86.6	-
302	Rubber and plastics footwear . . . . .	20.2	20.1	19.2	17.9	-	18.0	17.8	16.8	15.4	-
303.4	Reclaimed rubber, and rubber and plastics hose and belting . . . . .	22.8	23.1	21.5	21.0	-	15.8	16.1	15.0	14.6	-
306	Fabricated rubber products, nec . . . . .	105.0	105.2	99.0	99.4	-	81.6	81.9	75.1	75.5	-
307	Miscellaneous plastics products . . . . .	464.3	466.9	458.1	455.6	-	364.9	367.2	356.9	354.8	-
31	<b>LEATHER AND LEATHER PRODUCTS . . . . .</b>	229.5	230.4	218.5	210.7	209.6	193.6	194.1	183.4	176.8	175.7
311	Leather tanning and finishing . . . . .	19.4	19.7	18.5	17.7	-	16.2	16.5	15.3	14.5	-
314	Footwear, except rubber . . . . .	142.4	142.2	135.7	129.3	-	122.0	121.4	116.0	110.5	-
3143	Men's footwear, except athletic . . . . .	56.5	56.7	56.9	52.0	-	48.4	48.3	47.9	43.5	-
3144	Women's footwear, except athletic . . . . .	52.7	52.1	47.4	46.1	-	45.1	44.4	40.6	39.9	-
316	Luggage . . . . .	15.1	15.6	13.4	13.9	-	11.2	11.9	10.3	10.7	-
317	Handbags and personal leather goods . . . . .	28.4	28.8	26.9	26.5	-	23.8	24.1	21.7	21.4	-
-	<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	5,076	5,095	5,063	5,045	5,047	4,213	4,227	4,169	4,152	4,158
40	<b>RAILROAD TRANSPORTATION . . . . .</b>	510.1	510.6	463.9	452.8	-	-	-	-	-	-
4011	Class I railroads <sup>2</sup> . . . . .	459.1	459.5	417.8	407.0	-	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	275.7	276.7	290.1	288.5	-	255.8	256.7	269.5	268.3	-
411	Local and suburban transportation . . . . .	81.9	83.0	84.8	84.5	-	75.1	76.1	77.1	77.0	-
412	Taxicabs . . . . .	52.7	52.4	50.7	51.0	-	-	-	-	-	-
413	Intercity highway transportation . . . . .	37.5	37.7	37.8	35.7	-	34.3	34.5	34.7	32.7	-
415	School buses . . . . .	89.2	89.4	103.1	103.1	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING . . . . .</b>	1,213.9	1,219.6	1,177.7	1,177.8	-	1,056.2	1,061.5	1,019.4	1,019.7	-
421.3	Trucking and trucking terminals . . . . .	1,131.2	1,138.3	1,095.3	1,097.6	-	986.7	993.3	949.9	952.3	-
422	Public warehousing . . . . .	82.7	81.3	82.4	80.2	-	69.5	68.2	69.5	67.4	-
44	<b>WATER TRANSPORTATION . . . . .</b>	198.7	201.4	193.7	186.7	-	-	-	-	-	-
45	<b>TRANSPORTATION BY AIR . . . . .</b>	454.7	456.5	448.5	446.7	-	-	-	-	-	-
451.2	Air transportation . . . . .	405.6	406.9	397.2	395.6	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS . . . . .</b>	21.6	21.5	22.3	22.5	-	15.1	15.1	15.4	15.3	-
47	<b>TRANSPORTATION SERVICES . . . . .</b>	196.1	200.1	211.5	211.4	-	-	-	-	-	-
48	<b>COMMUNICATION . . . . .</b>	1,354.9	1,355.0	1,380.8	1,382.4	-	1,012.8	1,012.9	1,028.3	1,029.0	-
481	Telephone communication . . . . .	1,066.3	1,065.2	1,075.8	1,076.0	-	777.6	776.4	777.6	775.8	-
483	Radio and television broadcasting . . . . .	199.2	199.2	206.9	207.0	-	159.8	160.0	168.3	168.5	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES . . . . .</b>	850.5	853.4	874.5	875.9	-	692.4	695.7	713.8	713.5	-
491	Electric services . . . . .	404.4	406.2	416.0	417.3	-	327.9	329.3	335.7	335.8	-
492	Gas production and distribution . . . . .	170.0	170.8	176.3	176.7	-	138.5	139.1	141.9	142.2	-
493	Combination utility services . . . . .	205.2	205.1	208.4	208.4	-	165.3	166.0	172.5	172.2	-
495	Sanitary services . . . . .	47.9	48.1	50.9	50.7	-	41.9	42.2	44.9	44.8	-
-	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	20,196	20,290	20,682	20,529	20,602	17,638	17,710	18,068	17,917	17,972
50.51	<b>WHOLESALE TRADE . . . . .</b>	5,273	5,293	5,294	5,283	5,288	4,292	4,310	4,285	4,274	4,282
50	<b>WHOLESALE TRADE - DURABLE GOODS . . . . .</b>	3,129	3,144	3,164	3,154	-	2,543	2,556	2,552	2,540	-
501	Motor vehicles and automotive equipment . . . . .	412.8	413.2	415.8	416.1	-	331.4	332.2	334.9	334.2	-
502	Furniture and home furnishing . . . . .	117.1	118.1	123.1	123.1	-	95.4	96.4	101.0	101.2	-
503	Lumber and construction materials . . . . .	189.3	190.5	181.9	178.7	-	155.4	156.6	148.6	145.4	-
504	Sporting goods, toys, and hobby goods . . . . .	73.3	73.5	75.1	74.6	-	58.5	58.8	59.7	59.0	-
505	Metals and minerals, except petroleum . . . . .	153.2	154.1	150.7	150.3	-	122.5	123.7	120.2	119.5	-
506	Electrical goods . . . . .	419.4	418.9	425.8	425.7	-	339.4	338.0	342.7	342.3	-
507	Hardware, plumbing, and heating equipment . . . . .	242.4	242.5	242.3	239.9	-	198.3	198.3	196.0	194.1	-

See footnotes at end of table.



# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>WHOLESALE TRADE-DURABLE GOODS—</b>										
	Continued										
508	Machinery, equipment, and supplies .....	1,318.1	1,327.5	1,357.9	1,357.0	-	1,069.5	1,078.0	1,088.5	1,086.0	-
509	Miscellaneous durable goods .....	203.7	205.3	191.6	188.7	-	172.4	173.8	160.4	158.0	-
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> ..	2,144	2,149	2,130	2,129	-	1,749	1,754	1,733	1,734	-
511	Paper and paper products .....	153.2	153.4	157.2	156.4	-	124.4	124.3	126.4	125.8	-
512	Drugs, proprietaries, and sundries .....	149.8	149.1	150.9	151.2	-	127.0	126.3	128.1	127.9	-
513	Apparel, piece goods, and notions .....	166.9	167.7	165.8	167.4	-	131.3	132.1	129.7	131.2	-
514	Groceries and related products .....	667.3	669.9	658.9	658.2	-	570.2	572.6	564.1	563.0	-
516	Chemicals and allied products .....	128.8	128.5	129.8	130.5	-	92.9	92.6	93.2	93.3	-
517	Petroleum and petroleum products .....	224.6	224.2	222.8	222.2	-	168.1	168.1	167.1	167.1	-
518	Beer, wine, and distilled beverages .....	138.8	139.2	142.3	142.0	-	115.7	116.2	118.0	118.0	-
519	Miscellaneous nondurable goods .....	376.7	380.1	373.6	374.2	-	306.0	309.7	301.0	303.5	-
52-59	<b>RETAIL TRADE</b> .....	14,923	14,997	15,388	15,246	15,314	13,346	13,400	13,783	13,643	13,690
52	<b>BUILDING MATERIALS AND GARDEN</b>										
	SUPPLIES .....	595.5	606.7	580.7	575.8	-	499.1	511.0	486.5	481.1	-
521	Lumber and other building materials .....	315.1	316.4	304.8	300.2	-	264.5	265.8	255.3	250.9	-
525	Hardware stores .....	145.6	147.1	146.1	144.8	-	123.5	125.1	124.3	122.9	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	2,189.8	2,171.7	2,339.8	2,231.0	-	2,008.9	1,970.2	2,153.6	2,052.1	-
531	Department stores .....	1,834.2	1,813.0	1,963.2	1,864.0	-	1,688.5	1,647.9	1,812.6	1,720.7	-
533	Variety stores .....	241.1	243.2	248.2	240.8	-	223.3	224.3	230.8	223.4	-
539	Misc. general merchandise stores .....	114.5	115.5	128.4	126.2	-	97.1	98.0	110.2	103.0	-
54	<b>FOOD STORES</b> .....	2,424.1	2,423.3	2,473.7	2,464.7	-	2,245.4	2,244.5	2,291.4	2,278.7	-
541	Grocery stores .....	2,128.6	2,125.0	2,179.5	2,168.0	-	1,976.6	1,973.0	2,025.3	2,010.3	-
542	Meat markets and freezer provisioners .....	55.3	56.0	54.8	54.7	-	-	-	-	-	-
546	Retail bakeries .....	125.0	125.4	128.5	125.7	-	114.9	115.3	114.7	115.4	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE</b>										
	STATIONS .....	1,658.0	1,660.2	1,648.9	1,641.4	-	1,401.7	1,404.5	1,393.4	1,385.5	-
551.2	New and used car dealers .....	764.3	765.2	745.8	744.3	-	624.9	626.1	609.8	608.6	-
553	Auto and home supply stores .....	260.5	258.8	275.3	269.1	-	224.2	222.8	237.1	230.5	-
554	Gasoline service stations .....	558.7	558.7	555.8	554.6	-	488.4	488.9	486.3	484.7	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	951.7	951.8	1,000.6	965.4	-	811.1	812.1	855.2	821.0	-
561	Men's and boys' clothing and furnishings .....	133.0	130.0	140.1	133.9	-	112.3	109.6	119.4	113.5	-
562	Women's ready-to-wear stores .....	344.8	347.6	354.0	341.0	-	297.4	301.0	307.2	294.1	-
565	Family clothing stores .....	180.3	179.6	194.3	186.3	-	157.0	156.6	169.8	161.6	-
566	Shoe stores .....	193.1	194.0	208.1	203.0	-	158.8	159.1	169.5	164.8	-
57	<b>FURNITURE AND HOME FURNISHINGS</b>										
	STORES .....	602.1	600.6	610.4	606.0	-	498.2	496.3	505.3	501.2	-
571	Furniture and home furnishings stores .....	372.4	373.8	375.1	373.2	-	308.8	309.9	309.6	307.5	-
572	Household appliance stores .....	82.2	81.0	85.8	85.3	-	70.4	69.1	73.0	72.3	-
573	Radio, television, and music stores .....	147.5	145.8	149.5	147.5	-	119.0	117.3	122.7	121.4	-
58	<b>EATING AND DRINKING PLACES</b> .....	4,585.3	4,687.8	4,739.8	4,785.8	-	4,211.2	4,312.8	4,352.7	4,396.1	-
59	<b>MISCELLANEOUS RETAIL</b> .....	1,916.9	1,894.8	1,994.3	1,976.1	-	1,670.5	1,648.8	1,744.6	1,727.6	-
591	Drug stores and proprietary stores .....	481.8	476.7	495.8	487.6	-	435.5	430.2	446.9	438.6	-
592	Liquor stores .....	124.9	123.4	131.4	130.2	-	-	-	-	-	-
594	Miscellaneous shopping goods stores .....	606.3	606.4	657.0	647.9	-	515.5	514.2	565.6	557.5	-
596	Nonstore retailers .....	269.1	267.9	283.7	274.4	-	248.9	247.3	262.1	252.4	-
598	Fuel and ice dealers .....	110.3	107.0	110.2	109.2	-	93.0	89.9	92.3	91.6	-
599	Retail stores, nec. .....	268.4	257.7	258.9	270.5	-	224.4	215.7	216.5	228.8	-
-	<b>FINANCE, INSURANCE, AND REAL</b>										
	ESTATE <sup>2</sup> .....	5,245	5,263	5,329	5,326	5,341	3,955	3,969	3,999	3,992	4,008
80	<b>BANKING</b> .....	1,502.9	1,607.8	1,641.5	1,640.2	-	1,226.4	1,229.6	1,239.1	1,236.4	-
602	Commercial and stock savings banks .....	1,461.7	1,466.1	1,497.2	1,496.1	-	1,111.9	1,114.9	1,123.5	1,121.1	-
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	579.4	579.6	577.3	577.6	-	441.4	440.9	437.0	436.7	-
612	Savings and loan associations .....	266.0	266.3	273.1	273.6	-	202.3	202.3	208.0	208.3	-
614	Personal credit institutions .....	200.3	200.1	190.4	189.9	-	154.7	154.4	146.7	145.9	-
62	<b>SECURITY, COMMODITY BROKERS, AND</b>										
	SERVICES .....	236.6	238.1	255.4	256.3	-	-	-	-	-	-
621	Security brokers and dealers .....	192.6	194.0	211.6	212.7	-	-	-	-	-	-
63	<b>INSURANCE CARRIERS</b> .....	1,233.9	1,235.0	1,233.8	1,234.4	-	859.0	858.8	849.5	849.4	-
631	Life insurance .....	533.6	533.6	533.9	534.7	-	330.3	331.0	330.8	330.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>					
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	
	<b>INSURANCE CARRIERS—Continued</b>											
632	Medical service and health insurance .....	144.6	144.6	143.0	142.8	-	115.7	115.7	114.0	113.6	-	
633	Fire, marine, and casualty insurance .....	482.4	483.5	486.0	486.4	-	355.7	354.7	349.9	349.8	-	
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b> .....	461.2	463.0	471.2	472.3	-	-	-	-	-	-	
65	<b>REAL ESTATE</b> .....	987.0	995.4	997.4	993.1	-	-	-	-	-	-	
651	Real estate operators and lessors .....	461.1	465.3	471.2	471.4	-	-	-	-	-	-	
653	Real estate agents and managers .....	378.3	379.0	381.6	377.2	-	-	-	-	-	-	
655	Subdividers and developers .....	126.1	129.5	124.9	125.0	-	-	-	-	-	-	
66	<b>COMBINED REAL ESTATE, INSURANCE, ETC.</b> .....	21.3	21.2	21.2	20.9	-	-	-	-	-	-	
67	<b>HOLDING AND OTHER INVESTMENT OFFICES</b> .....	122.6	122.7	131.1	131.4	-	-	-	-	-	-	
-	<b>SERVICES</b> .....	18,126	18,287	18,506	18,691	18,804	16,102	16,253	16,409	16,587	16,679	
70	<b>HOTELS AND OTHER LODGING PLACES</b> .....	999.6	1,023.6	1,009.4	1,014.7	-	-	-	-	-	-	
701	Hotels, motels, and tourist courts .....	970.1	993.5	980.0	985.4	-	888.7	910.5	894.1	899.4	-	
72	<b>PERSONAL SERVICES</b> .....	902.8	902.3	906.0	920.0	-	-	-	-	-	-	
721	Laundry, cleaning, and garment services .....	352.6	352.3	353.0	350.8	-	315.1	314.3	314.3	312.0	-	
723	Beauty shops .....	282.8	283.3	290.2	289.7	-	252.6	252.6	269.3	268.7	-	
726	Funeral service and crematories .....	71.2	71.1	73.5	74.0	-	-	-	-	-	-	
73	<b>BUSINESS SERVICES</b> .....	3,200.4	3,218.3	3,315.0	3,300.4	-	2,792.3	2,809.9	2,886.6	2,869.2	-	
731	Advertising .....	155.4	155.5	157.4	158.5	-	118.3	118.7	120.9	122.4	-	
732	Credit reporting and collection .....	71.4	71.2	70.2	69.5	-	-	-	-	-	-	
733	Mailing, reproduction, stenographic .....	124.5	127.2	134.4	132.5	-	-	-	-	-	-	
734	Services to buildings .....	500.1	503.6	523.3	526.8	-	451.6	455.8	476.6	479.7	-	
736	Personnel supply services .....	567.6	582.6	566.2	558.7	-	-	-	-	-	-	
737	Computer and data processing services .....	331.8	333.7	363.8	362.6	-	278.9	280.5	295.5	295.0	-	
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	571.0	574.9	575.3	583.6	-	486.4	489.3	486.9	493.7	-	
753	Automotive repair shops .....	346.8	349.8	354.6	356.6	-	294.2	296.2	296.9	298.1	-	
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	291.6	292.1	297.1	296.9	-	242.8	243.9	251.1	250.7	-	
78	<b>MOTION PICTURES</b> .....	205.0	207.3	198.3	194.9	-	173.3	177.5	167.7	164.9	-	
781	Motion picture production and services .....	80.5	80.7	72.9	72.0	-	65.3	67.7	59.8	59.2	-	
783	Motion picture theaters .....	113.8	115.9	114.9	112.4	-	-	-	-	-	-	
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	683.2	725.3	719.9	738.1	-	611.7	650.1	643.5	662.2	-	
80	<b>HEALTH SERVICES</b> .....	5,423.5	5,448.7	5,653.2	5,663.5	-	4,841.2	4,865.0	5,059.7	5,072.4	-	
801	Offices of physicians .....	765.8	768.2	798.2	797.8	-	626.1	629.3	654.8	653.7	-	
802	Offices of dentists .....	346.2	350.9	369.2	371.5	-	302.9	307.1	326.7	329.9	-	
805	Nursing and personal care facilities .....	1,029.1	1,033.6	1,068.9	1,066.5	-	928.7	933.8	967.4	964.7	-	
806	Hospitals .....	2,829.4	2,840.7	2,945.0	2,956.4	-	2,590.5	2,600.1	2,701.0	2,713.0	-	
81	<b>LEGAL SERVICES</b> .....	520.2	522.5	549.1	550.5	-	444.3	446.6	464.5	465.3	-	
82	<b>EDUCATIONAL SERVICES</b> .....	1,208.1	1,217.9	1,135.0	1,244.9	-	-	-	-	-	-	
821	Elementary and secondary schools .....	304.8	306.5	298.0	303.4	-	-	-	-	-	-	
822	Colleges and universities .....	780.5	787.9	713.8	815.0	-	-	-	-	-	-	
83	<b>SOCIAL SERVICES</b> .....	1,179.8	1,189.6	1,180.7	1,188.8	-	-	-	-	-	-	
86	<b>MEMBERSHIP ORGANIZATIONS</b> .....	1,577.6	1,581.3	1,571.8	1,593.9	-	-	-	-	-	-	
89	<b>MISCELLANEOUS SERVICES</b> .....	1,028.8	1,035.3	1,056.6	1,062.7	-	859.2	866.8	872.8	879.1	-	
891	Engineering and architectural services .....	553.0	557.4	566.5	564.2	-	458.3	472.6	472.9	470.2	-	
893	Accounting, auditing, and bookkeeping .....	343.0	344.5	355.3	362.6	-	280.0	282.2	287.1	295.3	-	
-	<b>GOVERNMENT</b> .....	16,458	16,493	15,887	16,112	16,181	-	-	-	-	-	
-	<b>FEDERAL GOVERNMENT</b> .....	2,774	2,769	2,717	2,721	2,724	-	-	-	-	-	
-	Executive, by agency <sup>4</sup> .....	2,720.1	2,715.3	2,662.5	2,666.7	-	-	-	-	-	-	
-	Department of Defense .....	891.6	894.2	924.1	928.0	-	-	-	-	-	-	
-	Postal Service .....	654.9	657.0	660.5	661.2	-	-	-	-	-	-	
-	Other executive agencies .....	1,173.6	1,164.1	1,077.9	1,077.5	-	-	-	-	-	-	
-	Legislative .....	38.6	39.1	39.0	38.7	-	-	-	-	-	-	
-	Judicial .....	15.0	15.0	15.3	15.4	-	-	-	-	-	-	

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by Industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>FEDERAL GOVERNMENT—Continued</b>										
	Federal Government, by industry										
—	Manufacturing activities	107.2	107.2	112.7	113.3	—	—	—	—	—	—
3731	Shipbuilding and repairing	57.1	57.1	60.1	60.3	—	—	—	—	—	—
—	Transportation and public utilities, except										
—	Postal Service	40.4	40.6	41.8	41.9	—	—	—	—	—	—
—	Services	405.9	403.9	399.3	399.7	—	—	—	—	—	—
806	Federal government hospitals	233.8	233.3	231.2	231.7	—	—	—	—	—	—
—	<b>STATE AND LOCAL GOVERNMENT</b>	13,684	13,724	13,170	13,391	13,457	—	—	—	—	—
—	State government	3,660.8	3,666.9	3,513.0	3,614.5	—	—	—	—	—	—
806	State government hospitals	534.4	534.6	532.3	533.3	—	—	—	—	—	—
82	State education	1,465.8	1,471.0	1,341.3	1,441.6	—	—	—	—	—	—
—	General administration including executive, legislative, and judicial functions	1,032.4	1,033.0	1,030.7	1,030.9	—	—	—	—	—	—
—	Local government	10,022.8	10,056.6	9,657.2	9,776.8	—	—	—	—	—	—
—	Transportation and public utilities	629.0	631.7	639.9	639.2	—	—	—	—	—	—
806	Local government hospitals	620.4	622.5	639.4	640.5	—	—	—	—	—	—
82	Local education	5,460.5	5,481.4	5,263.3	5,368.5	—	—	—	—	—	—
—	General administration including executive, legislative, and judicial functions	2,941.3	2,945.9	2,806.4	2,819.1	—	—	—	—	—	—

<sup>1</sup> Data relate to production and related workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>2</sup> Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

<sup>3</sup> Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

<sup>4</sup> Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

— Data not available.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry**

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
-	TOTAL .....	39,349	38,604	39,873	39,939	39,091
-	PRIVATE SECTOR .....	31,368	30,728	32,058	32,135	31,399
-	MINING .....	112	113	134	135	134
10	METAL MINING .....	9.5	9.5	8.5	8.7	7.8
11, 12	COAL MINING .....	11.1	11.3	11.9	11.9	12.0
13	OIL AND GAS EXTRACTION .....	81.4	82.7	103.5	105.0	104.7
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	53.1	53.9	65.1	66.1	66.2
138	Oil and gas field services .....	28.3	28.8	38.4	38.9	38.5
14	NONMETALLIC MINERALS, EXCEPT FUELS .....	9.5	9.6	10.0	9.7	9.3
142	Crushed and broken stone .....	2.4	2.5	2.7	2.6	2.5
144	Sand and gravel .....	3.2	3.1	3.2	3.0	2.8
-	CONSTRUCTION .....	388	384	401	398	393
15	GENERAL BUILDING CONTRACTORS .....	138.9	137.6	137.9	137.8	135.6
152	Residential building construction .....	82.4	81.4	82.9	83.1	80.8
153	Operative builders .....	14.3	14.4	14.0	13.8	14.1
154	Nonresidential building construction .....	42.2	41.8	41.0	40.9	40.7
16	HEAVY CONSTRUCTION CONTRACTORS .....	61.0	56.8	63.0	61.3	58.7
161	Highway and street construction .....	15.9	14.3	15.9	14.5	12.9
162	Heavy construction, except highway .....	45.1	42.5	47.1	46.8	45.8
17	SPECIAL TRADE CONTRACTORS .....	188.1	189.6	199.9	198.4	199.1
171	Plumbing, heating, air conditioning .....	52.4	52.5	54.9	54.8	55.5
172	Painting, paper hanging, decorating .....	12.0	12.0	12.9	11.9	12.5
173	Electrical work .....	35.4	35.8	37.5	37.6	37.5
174	Masonry, stonework, and plastering .....	21.7	22.4	24.1	24.1	23.9
175	Carpentering and flooring .....	14.8	15.3	15.1	15.0	15.1
176	Roofing and sheet metal work .....	13.3	13.2	14.0	13.9	13.5
-	MANUFACTURING .....	6,302	6,238	6,396	6,281	6,147
24, 25, 32-39	DURABLE GOODS .....	3,017	3,000	3,054	3,004	2,958
20-23, 26-31	NONDURABLE GOODS .....	3,285	3,238	3,342	3,277	3,189
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS .....	103.0	102.5	98.4	95.4	94.0
241	Logging camps and logging contractors .....	4.9	5.1	5.5	5.4	5.3
242	Sawmills and planing mills .....	20.2	19.9	18.5	17.9	17.7
2421	Sawmills and planing mills, general .....	14.5	14.2	13.2	12.7	12.4
243	Millwork, plywood, and structural members .....	41.6	42.3	39.2	37.7	37.5
244	Wood containers .....	7.2	7.0	6.8	7.0	6.7
245	Wood buildings and mobile homes .....	8.0	7.7	7.9	7.5	7.0
249	Miscellaneous wood products .....	21.1	20.5	20.5	19.9	19.8
25	FURNITURE AND FIXTURES .....	141.9	141.0	144.7	143.2	139.6
251	Household furniture .....	103.1	101.9	102.3	101.9	98.8
2511	Wood household furniture .....	44.7	44.1	43.7	43.7	42.2
2512	Upholstered household furniture .....	34.1	33.8	34.0	33.7	32.3
2515	Mattresses and bedsprings .....	7.9	8.0	7.9	7.7	7.6
252	Office furniture .....	12.6	13.0	13.6	13.5	13.3
253	Public building and related furniture .....	5.0	5.1	5.8	5.7	5.7
254	Partitions and fixtures .....	10.4	10.5	10.9	10.5	10.4
259	Miscellaneous furniture and fixtures .....	10.8	10.5	12.1	11.6	11.4
32	STONE, CLAY, AND GLASS PRODUCTS .....	125.6	125.0	127.4	124.4	120.8
322	Glass and glassware, pressed or blown .....	40.3	40.0	40.4	39.6	39.9
3221	Glass containers .....	22.2	22.2	22.1	21.9	21.5
3229	Pressed and blown glass, nec .....	18.1	17.8	18.3	17.7	17.4
323	Products of purchased glass .....	13.3	13.4	13.4	12.9	12.8
324	Cement, hydraulic .....	1.7	1.7	1.7	1.7	1.7
325	Structural clay products .....	6.5	6.4	6.6	6.5	6.3
326	Pottery and related products .....	14.9	14.8	14.5	14.1	12.6
327	Concrete, gypsum, and plaster products .....	15.2	15.0	14.7	14.5	14.5
329	Misc. nonmetallic mineral products .....	31.0	31.1	32.7	32.1	31.2
33	PRIMARY METAL INDUSTRIES .....	124.8	124.7	118.9	115.7	112.6
331	Blast furnace and basic steel products .....	39.3	39.6	38.1	37.3	36.1
3312	Blast furnaces and steel mills .....	29.3	29.7	28.1	27.5	26.7
332	Iron and steel foundries .....	18.6	18.4	17.2	16.4	16.8

# ESTABLISHMENT DATA WOMEN EMPLOYEES

## B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
<b>PRIMARY METAL INDUSTRIES—Continued</b>						
3321	Gray iron foundries .....	9.0	8.9	8.3	7.6	7.9
3322	Malleable iron foundries .....	1.0	1.0	1.0	.9	1.0
3325	Steel foundries, nec .....	4.9	4.8	4.5	4.5	4.5
333	Primary nonferrous metals .....	5.0	5.1	4.9	4.8	4.7
3334	Primary aluminum .....	2.2	2.2	2.1	2.0	1.9
335	Nonferrous rolling and drawing .....	41.6	40.7	37.5	36.8	34.3
3351	Copper rolling and drawing .....	3.2	3.3	3.4	3.3	3.2
3353	Aluminum sheet, plate, and foil .....	3.9	4.0	3.4	3.2	3.0
3357	Nonferrous wire drawing and insulating .....	26.2	25.2	23.2	23.1	21.4
336	Nonferrous foundries .....	14.6	15.3	15.3	14.9	14.4
3361	Aluminum foundries .....	7.2	7.9	7.9	7.8	7.4
34	<b>FABRICATED METAL PRODUCTS .....</b>	<b>334.7</b>	<b>331.2</b>	<b>329.7</b>	<b>321.9</b>	<b>316.4</b>
341	Metal cans and shipping containers .....	12.3	12.5	11.3	11.2	11.5
3411	Metal cans .....	10.6	10.8	9.6	9.5	9.9
342	Cutlery, hand tools, and hardware .....	57.3	56.4	55.9	54.6	53.0
3423, 5	Hand and edge tools, and hand saws and blades .....	16.2	16.2	16.2	16.4	16.1
3429	Hardware, nec .....	34.1	33.2	33.3	31.9	30.7
343	Plumbing and heating, except electric .....	16.2	15.9	16.7	16.9	16.4
344	Fabricated structural metal products .....	71.5	70.7	70.2	69.4	67.9
3441	Fabricated structural metal .....	7.3	7.4	7.3	7.4	7.3
3442	Metal doors, sash, and trim .....	21.0	20.0	19.3	18.7	18.2
3443	Fabricated plate work (boiler shops) .....	18.5	18.5	18.6	18.4	18.4
3444	Sheet metal work .....	15.4	15.5	15.4	15.4	15.0
345	Screw machine products, bolts, etc. ....	23.5	23.3	22.9	22.3	21.7
3451	Screw machine products .....	12.1	12.0	11.7	11.4	11.2
3452	Bolts, nuts, rivets, and washers .....	11.4	11.3	11.2	10.9	10.5
346	Metal forgings and stampings .....	53.2	52.0	49.3	47.2	46.3
3462	Iron and steel forgings .....	4.3	4.3	4.0	3.9	3.9
3465	Automotive stampings .....	13.8	12.6	11.7	10.7	10.1
3469	Metal stampings, nec .....	32.6	32.5	31.0	30.1	29.8
347	Metal services, nec .....	24.1	23.9	24.6	23.2	23.1
3471	Plating and polishing .....	17.1	16.9	18.0	16.7	16.6
3479	Metal coating and allied services .....	7.0	7.0	6.8	6.5	6.5
348	Ordinance and accessories, nec .....	17.3	17.3	17.2	17.1	17.3
349	Misc. fabricated metal products .....	59.3	59.2	61.4	60.0	59.1
3494	Valves and pipe fittings .....	22.2	22.4	23.2	22.9	23.1
3496	Misc. fabricated wire products .....	14.5	14.2	15.0	14.5	14.1
35	<b>MACHINERY, EXCEPT ELECTRICAL .....</b>	<b>500.0</b>	<b>500.5</b>	<b>515.6</b>	<b>512.6</b>	<b>507.8</b>
351	Engines and turbines .....	24.7	24.6	25.6	25.2	24.8
3511	Turbines and turbine generator sets .....	6.1	5.9	5.9	5.9	5.8
3519	Internal combustion engines, nec .....	18.6	18.7	19.7	19.3	19.0
352	Farm and garden machinery .....	28.3	28.6	26.7	26.8	26.8
3523	Farm machinery and equipment .....	21.4	21.4	19.0	18.7	18.4
353	Construction and related machinery .....	50.0	50.3	53.6	53.8	53.7
3531	Construction machinery .....	14.4	14.6	15.9	15.8	15.5
3533	Oil field machinery .....	14.4	14.7	17.2	17.5	17.8
354	Metalworking machinery .....	57.1	56.9	57.2	56.2	54.5
3541	Machine tools, metal cutting types .....	10.5	10.7	10.0	9.8	9.7
3544	Special dies, tools, jigs, and fixtures .....	15.6	15.1	15.9	15.5	14.9
3545	Machine tool accessories .....	13.4	13.3	13.4	13.4	13.3
355	Special industry machinery .....	31.1	30.8	29.9	29.4	29.3
3551	Food products machinery .....	6.2	6.0	5.5	5.5	5.5
3552	Textile machinery .....	5.0	5.1	4.8	4.7	4.8
3555	Printing trades machinery .....	7.4	7.3	7.3	7.4	7.5
356	General industrial machinery .....	62.1	62.1	61.0	60.8	59.9
3561	Pumps and pumping equipment .....	11.3	11.5	11.5	11.6	11.4
3562	Ball and roller bearings .....	14.0	14.1	13.3	13.1	12.9
357	Office and computing machines .....	159.4	158.9	171.4	171.8	171.8
3573	Electronic computing equipment .....	131.1	130.7	143.1	143.9	144.1
358	Refrigeration and service machinery .....	38.6	39.2	38.3	37.9	37.2
3585	Refrigeration and heating equipment .....	26.5	27.0	25.2	24.9	24.5
359	Misc. machinery, except electrical .....	48.7	49.1	51.9	50.7	49.8
3599	Machinery, except electrical, nec .....	38.8	38.9	41.5	41.1	40.4
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT .....</b>	<b>901.1</b>	<b>897.4</b>	<b>909.4</b>	<b>898.6</b>	<b>894.6</b>
361	Electric distributing equipment .....	45.2	44.8	46.1	45.8	44.4
3612	Transformers .....	17.8	17.8	19.2	18.8	19.0
3613	Switchgear and switchboard apparatus .....	27.4	27.0	26.9	27.0	26.4
362	Electrical industrial apparatus .....	88.0	89.5	86.7	87.1	86.1
3621	Motors and generators .....	47.7	49.1	47.0	47.6	47.1
3622	Industrial controls .....	28.5	28.5	27.2	27.1	27.1
363	Household appliances .....	60.9	59.7	57.9	53.1	55.7
3632	Household refrigerators and freezers .....	9.2	9.7	7.6	6.5	9.5
3633	Household laundry equipment .....	4.3	4.4	3.3	2.7	3.5
3634	Electric housewares and fans .....	28.9	27.9	29.7	28.0	26.1
364	Electric lighting and wiring equipment .....	94.9	94.3	94.9	92.5	91.8
3641	Electric lamps .....	22.2	21.9	21.2	20.3	21.7

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
<b>ELECTRIC AND ELECTRONIC EQUIPMENT—Continued</b>						
3643	Current-carrying wiring devices .....	41.8	41.5	43.4	43.1	41.4
365	Radio and TV receiving equipment .....	60.1	58.8	57.2	55.0	54.4
3651	Radio and TV receiving sets .....	45.3	45.2	44.9	42.9	43.2
366	Communication equipment .....	206.3	206.6	210.1	212.2	211.8
3661	Telephone and telegraph apparatus .....	75.6	76.2	71.3	72.8	71.5
3662	Radio and TV communication equipment .....	130.7	130.4	138.8	139.4	140.2
367	Electronic components and accessories .....	287.9	286.6	294.4	293.9	292.1
3671-3	Electronic tubes .....	16.1	16.2	15.9	15.7	15.7
3674	Semiconductors and related devices .....	109.9	108.6	108.0	108.2	108.7
3679	Electronic components, nec. ....	115.1	114.9	121.9	121.6	120.3
369	Misc. electrical equipment and supplies .....	57.8	57.1	62.1	59.0	58.3
3694	Engine electrical equipment .....	28.7	28.1	31.1	28.4	27.5
37	<b>TRANSPORTATION EQUIPMENT</b> .....	294.3	292.6	303.6	295.0	289.9
371	Motor vehicles and equipment .....	105.9	102.4	104.5	99.6	93.3
3711	Motor vehicles and car bodies .....	38.7	36.8	37.4	35.3	33.4
3713	Truck and bus bodies .....	4.2	4.0	3.7	3.4	3.1
3714	Motor vehicle parts and accessories .....	59.5	58.1	59.5	56.9	55.9
372	Aircraft and parts .....	121.7	123.6	125.8	125.7	125.5
3721	Aircraft .....	65.3	66.8	72.4	72.1	71.9
3724	Aircraft engines and engine parts .....	29.0	29.3	26.8	26.7	26.6
3728	Aircraft equipment, nec. ....	27.4	27.5	26.6	26.9	27.0
373	Ship and boat building and repairing .....	22.1	22.2	24.5	24.3	23.4
3731	Ship building and repairing .....	16.0	16.2	17.9	17.7	17.2
374	Railroad equipment .....	6.1	5.9	4.9	4.8	4.6
376	Guided missiles, space vehicles, parts .....	25.8	25.9	28.1	28.6	28.5
3761	Guided missiles and space vehicles .....	21.5	21.5	23.4	23.9	23.8
379	Miscellaneous transportation equipment .....	7.4	7.1	7.7	7.6	7.7
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	303.9	302.4	306.3	305.7	302.0
381	Engineering and scientific instruments .....	24.3	24.4	24.6	24.8	24.7
382	Measuring and controlling devices .....	106.1	106.0	105.9	105.2	103.6
3822	Environmental controls .....	24.1	23.7	22.0	21.5	21.3
3823	Process control instruments .....	18.7	18.9	19.7	19.4	18.7
3825	Instruments to measure electricity .....	47.5	47.8	48.6	48.7	48.6
383	Optical instruments and lenses .....	11.2	11.1	11.7	11.7	11.7
384	Medical instruments and supplies .....	85.6	85.1	87.9	88.7	87.9
3841	Surgical and medical instruments .....	41.7	41.4	42.5	43.1	42.6
3842	Surgical appliances and supplies .....	35.6	35.4	37.2	37.3	37.1
385	Ophthalmic goods .....	25.3	24.9	24.2	23.9	22.9
386	Photographic equipment and supplies .....	39.2	38.9	41.1	41.1	41.0
387	Watches, clocks, and watchcases .....	12.2	12.0	10.9	10.3	10.2
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	188.1	183.0	200.3	191.6	180.4
391	Jewelry, silverware, and plated ware .....	27.1	25.1	27.7	27.2	25.3
393	Musical instruments .....	10.3	10.2	10.2	10.3	9.9
394	Toys and sporting goods .....	53.1	52.7	61.9	56.4	52.4
3942, 4	Dolls, games, toys, and children's vehicles .....	26.9	27.0	34.2	28.7	25.8
3949	Sporting and athletic goods, nec. ....	26.2	25.7	27.7	27.7	26.6
395	Pens, pencils, office and art supplies .....	20.6	20.2	21.4	21.2	20.5
396	Costume jewelry and notions .....	29.1	27.4	28.2	26.8	24.1
399	Miscellaneous manufactures .....	47.9	47.4	50.9	49.7	47.9
<b>NONDURABLE GOODS</b>						
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	497.8	476.6	511.6	493.2	466.5
201	Meat products .....	116.1	112.5	115.0	113.2	109.0
2011	Meat packing plants .....	29.4	28.5	29.0	28.7	28.5
2013	Sausages and other prepared meats .....	20.4	20.0	20.8	20.7	20.1
2016	Poultry dressing plants .....	59.1	56.7	58.8	57.7	54.2
202	Dairy products .....	37.9	36.5	36.9	36.9	36.1
2026	Fluid milk .....	17.1	17.0	16.5	16.5	16.5
203	Preserved fruits and vegetables .....	92.7	85.0	101.8	87.5	77.2
2032	Canned specialties .....	9.2	9.0	9.3	9.2	9.5
2033	Canned fruits and vegetables .....	31.0	26.7	33.3	25.4	21.3
2037	Frozen fruits and vegetables .....	18.1	16.5	23.1	19.4	16.5
204	Grain mill products .....	30.3	30.2	30.4	30.3	29.9
205	Bakery products .....	58.0	57.0	58.8	58.1	56.9
2051	Bread, cake, and related products .....	38.8	37.6	39.1	38.8	38.2
2052	Cookies and crackers .....	19.2	19.4	19.7	19.3	18.7
206	Sugar and confectionery products .....	46.3	44.1	51.6	49.8	45.9
207	Fats and oils .....	6.1	6.0	6.2	6.3	6.3
208	Beverages .....	41.5	41.0	43.5	43.4	42.2
2082	Malt beverages .....	7.6	7.5	8.2	8.3	8.2
2086	Bottled and canned soft drinks .....	18.5	18.4	19.5	19.5	19.4
209	Misc. foods and kindred products .....	68.9	64.3	67.4	67.7	63.0
21	<b>TOBACCO MANUFACTURES</b> .....	26.9	26.0	27.8	26.4	26.0
211	Cigarettes .....	15.2	15.1	14.6	14.6	14.5

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
22	<b>TEXTILE MILL PRODUCTS</b>	398.9	395.7	393.8	386.7	373.8
221	Weaving mills, cotton	64.5	64.0	61.0	60.4	59.3
222	Weaving mills, synthetics	48.6	48.8	48.3	47.6	46.4
223	Weaving and finishing mills, wool	7.1	7.3	7.3	7.1	7.2
224	Narrow fabric mills	13.8	14.0	14.3	14.3	13.8
225	Knitting mills	140.2	136.9	138.1	135.5	128.9
2251	Women's hosiery, except socks	22.9	22.6	22.8	23.1	22.8
2252	Hosiery, nec	24.1	23.7	24.4	24.5	23.8
2253	Knit outerwear mills	48.1	46.3	51.1	48.4	44.3
2254	Knit underwear mills	23.8	23.6	21.9	21.3	20.5
2257	Circular knit fabric mills	12.4	12.2	10.4	10.4	10.0
226	Textile finishing, except wool	21.1	21.7	21.9	21.1	20.2
2261	Finishing plants, cotton	8.8	9.4	9.8	9.4	8.8
2262	Finishing plants, synthetic	6.3	6.2	6.2	6.0	6.1
227	Floor covering mills	22.1	21.8	22.4	21.5	20.3
228	Yarn and thread mills	61.9	61.8	61.2	60.1	59.9
2281	Yarn mills, except wool	39.0	38.9	38.6	38.1	37.7
2282	Throwing and winding mills	12.2	12.3	11.8	11.2	10.8
229	Miscellaneous textile goods	19.6	19.4	19.3	19.1	18.8
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	999.4	986.7	1,016.1	989.2	961.2
231	Men's and boys' suits and coats	60.8	60.2	62.3	62.5	61.0
232	Men's and boys' furnishings	296.5	290.1	297.1	292.7	280.5
2321	Men's and boys' shirts and nightwear	83.7	82.0	84.8	83.3	80.3
2327	Men's and boys' separate trousers	63.1	61.8	62.9	61.6	60.1
2328	Men's and boys' work clothing	84.8	83.0	83.5	83.5	80.1
233	Women's and misses' outerwear	340.8	339.3	346.5	330.4	327.3
2331	Women's and misses' blouses and waists	54.3	54.0	55.1	52.5	51.8
2335	Women's and misses' dresses	117.7	117.5	117.2	112.4	112.9
2337	Women's and misses' suits and coats	52.4	47.7	49.3	45.5	44.9
2339	Women's and misses' outerwear, nec	116.4	120.1	124.5	120.0	118.3
234	Women's and children's undergarments	74.9	74.8	78.3	76.9	74.1
2341	Women's and children's underwear	60.6	60.6	63.9	62.4	60.4
2342	Brassieres and allied garments	14.3	14.2	14.4	14.5	13.7
236	Children's outerwear	53.9	54.7	56.3	56.0	54.9
2361	Children's dresses and blouses	24.3	24.6	25.6	25.4	25.2
238	Misc. apparel and accessories	41.9	40.5	41.8	41.2	39.3
239	Misc. fabricated textile products	115.2	111.8	119.1	115.3	109.5
2391	Curtains and draperies	21.6	21.3	23.7	23.4	21.7
2392	House furnishings, nec	31.9	30.2	34.1	33.1	30.4
2396	Automotive and apparel trimmings	17.8	16.6	16.9	15.1	14.6
26	<b>PAPER AND ALLIED PRODUCTS</b>	158.7	157.6	159.7	158.3	156.0
261, 2.6	Paper and pulp mills	28.1	27.5	27.7	27.7	27.3
262	Paper mills, except building paper	25.1	24.6	25.3	25.0	24.7
263	Paperboard mills	5.9	5.9	5.8	5.8	5.8
264	Misc. converted paper products	75.2	75.6	76.8	77.0	76.4
265	Paperboard containers and boxes	49.5	48.6	49.0	47.8	46.5
27	<b>PRINTING AND PUBLISHING</b>	508.1	503.6	523.7	527.4	520.9
271	Newspapers	161.8	160.1	168.9	169.8	168.5
272	Periodicals	53.9	55.0	56.6	57.0	57.3
273	Books	54.7	55.0	54.2	55.1	55.1
274	Miscellaneous publishing	27.3	27.8	27.3	28.3	28.0
275	Commercial printing	135.2	133.2	140.7	141.1	137.4
2751	Commercial printing, letterpress	56.8	55.5	59.7	59.8	57.3
2752	Commercial printing, lithographic	72.7	71.9	74.5	74.7	73.4
276	Manifold business forms	15.9	15.6	16.0	16.0	16.0
278	Blankbooks and bookbinding	32.3	31.3	32.7	32.8	32.1
279	Printing trade services	11.0	10.9	12.0	12.1	12.1
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	278.8	278.4	283.5	281.9	278.9
281	Industrial inorganic chemicals	24.3	24.3	24.7	24.4	24.2
2819	Industrial inorganic chemicals, nec	16.6	16.5	16.5	16.2	16.2
282	Plastics materials and synthetics	43.4	43.3	43.0	43.1	42.9
2821	Plastics materials and resins	11.5	11.5	11.5	11.5	11.4
2824	Organic fibers, noncellulosic	25.4	25.2	25.1	25.3	25.2
283	Drugs	83.6	84.3	86.6	86.3	85.1
2834	Pharmaceutical preparations	70.3	70.9	72.5	72.5	72.4
284	Soap, cleaners, and toilet goods	57.3	56.2	56.9	55.7	54.2
2841	Soap and other detergents	9.5	9.8	9.3	9.2	8.5
2844	Toilet preparations	34.1	32.7	34.1	33.6	32.6
285	Paints and allied products	12.4	12.4	12.3	12.2	11.9
286	Industrial organic chemicals	25.8	26.0	27.5	27.6	27.8
2861.9	Gum, wood, and industrial organic chemicals, nec	21.4	21.5	23.2	23.3	23.4
287	Agricultural chemicals	10.5	10.4	10.8	10.9	10.8
289	Miscellaneous chemical products	21.5	21.5	21.7	21.7	21.0

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	28.7	28.9	31.1	31.2	30.7
291	Petroleum refining .....	23.6	23.9	25.9	26.1	25.7
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	251.1	250.1	255.1	249.4	244.5
301	Tires and inner tubes .....	11.6	11.6	11.4	11.5	11.1
302	Rubber and plastics footwear .....	13.0	12.5	12.4	12.4	11.5
303,4	Reclaimed rubber, and rubber and plastics hose and belting .....	5.9	5.7	6.4	6.2	6.1
306	Fabricated rubber products, nec .....	35.8	35.8	36.3	34.9	33.8
307	Miscellaneous plastics products .....	184.8	184.5	188.6	184.4	182.0
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	136.5	134.6	139.7	133.3	130.4
311	Leather tanning and finishing .....	2.8	2.8	2.9	2.9	2.8
314	Footwear, except rubber .....	92.3	92.2	93.7	89.4	90.0
3143	Men's footwear, except athletic .....	35.4	35.2	36.7	34.3	36.0
3144	Women's footwear, except athletic .....	34.8	35.3	34.4	33.6	32.7
316	Luggage .....	7.9	7.2	8.1	7.8	7.1
317	Handbags and personal leather goods .....	20.0	19.2	20.5	19.4	17.7
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	1,318	1,307	1,361	1,365	1,351
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	72.2	71.1	81.2	81.0	80.8
411	Local and suburban transportation .....	14.9	14.8	16.2	17.1	16.8
412	Taxicabs .....	7.2	7.2	7.2	7.3	7.2
413	Intercity highway transportation .....	5.2	5.0	4.9	5.0	5.0
415	School buses .....	42.4	41.6	50.0	48.8	49.2
42	<b>TRUCKING AND WAREHOUSING</b> .....	153.9	149.3	156.1	157.5	152.9
421,3	Trucking and trucking terminals .....	138.2	133.8	137.8	140.1	136.5
422	Public warehousing .....	15.7	15.5	18.3	17.4	16.4
44	<b>WATER TRANSPORTATION</b> .....	20.3	20.1	23.3	23.6	23.2
45	<b>TRANSPORTATION BY AIR</b> .....	147.7	147.2	147.8	146.9	145.9
451,2	Air transportation .....	139.1	138.5	138.8	137.7	136.7
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	3.0	2.9	3.4	3.4	3.5
47	<b>TRANSPORTATION SERVICES</b> .....	91.4	92.4	107.3	107.3	107.3
48	<b>COMMUNICATION</b> .....	639.2	634.7	648.4	650.9	651.9
481	Telephone communication .....	551.2	547.0	553.9	555.6	555.9
483	Radio and television broadcasting .....	65.7	65.5	68.4	68.7	59.2
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	157.8	158.1	169.1	169.9	170.1
491	Electric services .....	74.6	75.0	79.2	79.9	80.3
492	Gas production and distribution .....	37.1	37.1	39.5	39.4	39.5
493	Combination utility services .....	35.3	35.1	39.0	39.0	38.8
495	Sanitary services .....	5.9	5.9	6.5	6.6	6.5
	<b>WHOLESALE AND RETAIL TRADE</b> .....	9,449	8,941	9,433	9,636	9,148
50,51	<b>WHOLESALE TRADE</b> .....	1,392	1,368	1,424	1,414	1,393
50	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	764	758	783	790	792
501	Motor vehicles and automotive equipment .....	88.8	87.9	90.9	90.8	90.6
502	Furniture and home furnishings .....	44.6	44.2	48.5	48.6	47.5
503	Lumber and construction materials .....	35.4	35.0	37.5	37.9	37.1
504	Sporting goods, toys, and hobby goods .....	24.3	24.6	26.0	25.9	25.5
505	Metals and minerals, except petroleum .....	29.5	29.5	30.0	30.1	29.8
506	Electrical goods .....	123.1	121.5	126.7	127.2	125.8
507	Hardware, plumbing, and heating equipment .....	65.5	65.3	66.4	66.5	66.1
508	Machinery, equipment, and supplies .....	304.4	302.7	315.3	316.7	314.1
509	Miscellaneous durable goods .....	47.9	47.2	47.0	46.6	45.8
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> .....	628	610	636	624	511
511	Paper and paper products .....	47.7	48.0	49.9	50.0	50.3
512	Drugs, proprietaries, and sundries .....	66.0	66.0	66.6	66.6	65.8
513	Apparel, piece goods, and notions .....	82.8	80.3	83.8	82.6	81.4
514	Groceries and related products .....	164.2	155.3	163.3	158.7	151.4
516	Chemicals and allied products .....	35.3	35.6	36.0	35.6	36.3
517	Petroleum and petroleum products .....	53.1	51.4	53.3	53.2	53.1
518	Beer, wine, and distilled beverages .....	22.1	21.8	22.2	22.2	22.3
519	Miscellaneous nondurable goods .....	115.0	112.2	118.1	116.5	114.4



# ESTABLISHMENT DATA WOMEN EMPLOYEES

## B-3. Women employees on nonagricultural payrolls by industry— Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
52-59	<b>RETAIL TRADE</b> .....	8,057	7,573	8,009	8,222	7,755
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	165.9	157.8	162.7	163.0	155.2
521	Lumber and other building materials .....	66.3	64.6	66.0	65.4	63.3
525	Hardware stores .....	57.4	55.1	56.5	57.9	55.2
53	<b>GENERAL MERCHANDISE STORES</b> .....	1,756.9	1,566.8	1,607.1	1,701.5	1,563.6
531	Department stores .....	1,444.8	1,288.0	1,319.5	1,394.5	1,288.0
533	Variety stores .....	219.1	200.0	197.6	208.9	190.3
539	Misc. general merchandise stores .....	93.0	78.8	90.0	98.1	95.3
54	<b>FOOD STORES</b> .....	1,064.4	1,036.8	1,087.1	1,098.6	1,058.5
541	Grocery stores .....	886.3	872.1	908.1	913.0	901.0
542	Meat markets and freezer provisioners .....	17.7	16.8	16.9	16.9	16.5
546	Retail bakeries .....	81.7	79.7	82.1	82.6	79.5
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	306.4	303.8	313.9	317.6	313.3
551,2	New and used car dealers .....	113.0	111.9	113.2	112.9	111.6
553	Auto and home supply stores .....	50.9	50.6	50.2	52.4	52.0
554	Gasoline service stations .....	127.5	126.7	136.3	138.3	136.3
56	<b>APPAREL AND ACCESSORY STORES</b> .....	762.5	680.5	713.0	770.3	695.0
561	Men's and boys' clothing and furnishings .....	69.7	61.5	61.9	70.0	62.9
562	Women's ready-to-wear stores .....	352.9	315.0	329.6	352.2	316.6
565	Family clothing stores .....	163.3	142.3	151.5	169.8	147.7
566	Shoe stores .....	89.5	81.8	86.1	90.2	87.0
57	<b>FURNITURE AND HOME FURNISHING STORES</b> .....	214.3	209.3	215.2	217.8	211.1
571	Furniture and home furnishings stores .....	141.3	137.6	141.7	142.4	138.6
572	Household appliance stores .....	24.6	23.6	25.1	25.3	24.8
573	Radio, television, and music stores .....	48.4	48.1	48.4	50.1	47.7
58	<b>EATING AND DRINKING PLACES</b> .....	2,661.9	2,568.5	2,771.3	2,767.8	2,652.4
59	<b>MISCELLANEOUS RETAIL</b> .....	1,124.8	1,049.5	1,138.3	1,185.2	1,095.3
591	Drug stores and proprietary stores .....	310.0	308.3	316.6	322.8	314.1
592	Liquor stores .....	33.1	32.3	37.1	39.0	35.4
594	Miscellaneous shopping goods stores .....	421.6	375.0	413.1	444.4	398.0
596	Nonstore retailers .....	177.3	166.4	192.4	194.4	175.5
598	Fuel and ice dealers .....	24.4	24.6	24.0	24.5	24.8
599	Retail stores, nec .....	134.8	123.4	135.3	140.5	127.9
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,103	3,112	3,197	3,204	3,197
60	<b>BANKING</b> .....	1,133.6	1,137.9	1,164.6	1,165.2	1,155.7
602	Commercial and stock savings banks .....	1,043.3	1,047.6	1,071.0	1,071.3	1,072.0
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	387.1	393.7	398.9	400.3	401.3
612	Savings and loan associations .....	193.2	195.7	202.0	203.8	205.0
614	Personal credit institutions .....	122.5	127.1	126.0	125.6	125.0
62	<b>SECURITY, COMMODITY BROKERS, AND SERVICES</b> .....	97.1	98.3	109.0	110.2	110.4
621	Security brokers and dealers .....	78.2	79.2	89.7	91.0	91.4
63	<b>INSURANCE CARRIERS</b> .....	752.0	749.1	756.4	758.6	756.2
631	Life insurance .....	294.6	293.3	302.5	304.3	302.6
632	Medical service and health insurance .....	104.9	104.7	103.8	103.7	103.6
633	Fire, marine, and casualty insurance .....	302.6	301.5	302.3	303.1	302.8
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b> .....	287.4	288.7	299.5	299.7	298.7
65	<b>REAL ESTATE</b> .....	369.0	367.5	386.6	387.7	382.3
651	Real estate operators and lessors .....	142.7	142.0	152.4	155.2	152.3
653	Real estate agents and managers .....	176.4	175.1	181.3	179.8	178.9
655	Subdividers and developers .....	35.1	35.5	38.7	38.6	37.2
66	<b>COMBINED REAL ESTATE, INSURANCE, ETC</b> .....	13.5	13.2	12.6	12.8	13.0
67	<b>HOLDING AND OTHER INVESTMENT OFFICES</b> .....	63.0	64.0	68.9	69.6	69.5
-	<b>SERVICES</b> .....	10,696	10,633	11,136	11,116	11,019
70	<b>HOTELS AND OTHER LODGING PLACES</b> .....	550.6	534.2	574.8	558.4	542.2
701	Hotels, motels, and tourist courts .....	534.0	517.5	557.4	540.5	525.5

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
72	<b>PERSONAL SERVICES</b>	616.4	613.1	624.2	622.3	627.8
721	Laundry, cleaning, and garment services	226.3	224.1	227.4	225.9	223.5
723	Beauty shops	256.3	249.3	258.5	261.3	261.2
726	Funeral service and crematories	19.1	19.4	20.2	20.2	20.3
73	<b>BUSINESS SERVICES</b>	1,406.8	1,400.0	1,482.1	1,486.0	1,456.2
731	Advertising	72.7	73.0	75.4	75.9	76.3
732	Credit reporting and collection	52.4	51.7	50.3	50.3	49.8
733	Mailing, reproduction, stenographic	62.4	61.0	67.0	66.1	67.2
734	Services to buildings	187.9	186.0	206.6	208.3	204.9
736	Personnel supply services	375.3	373.2	371.2	373.5	367.7
737	Computer and data processing services	150.4	152.8	171.4	173.4	173.5
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b>	96.5	97.1	96.3	95.9	96.4
753	Automotive repair shops	42.2	42.4	44.6	45.3	45.8
76	<b>MISCELLANEOUS REPAIR SERVICES</b>	60.8	60.3	59.3	59.5	59.8
78	<b>MOTION PICTURES</b>	78.3	80.9	83.5	82.2	77.8
781	Motion picture production and services	24.3	23.5	25.1	23.7	22.2
783	Motion picture theaters	48.0	51.5	52.3	52.3	49.4
79	<b>AMUSEMENT AND RECREATION SERVICES</b>	267.0	255.2	289.2	295.3	281.9
80	<b>HEALTH SERVICES</b>	4,387.5	4,399.1	4,591.7	4,594.8	4,606.0
801	Offices of physicians	594.9	596.3	619.8	620.8	624.8
802	Offices of dentists	297.3	295.8	313.4	312.6	313.3
805	Nursing and personal care facilities	911.9	913.8	944.6	944.1	947.4
806	Hospitals	2,264.4	2,275.3	2,379.3	2,380.4	2,385.5
81	<b>LEGAL SERVICES</b>	367.5	368.7	388.5	387.2	388.7
82	<b>EDUCATIONAL SERVICES</b>	638.9	602.4	657.5	644.0	603.1
821	Elementary and secondary schools	200.7	194.3	185.3	184.1	183.1
822	Colleges and universities	369.8	340.6	401.2	388.6	349.9
83	<b>SOCIAL SERVICES</b>	874.8	872.0	893.8	896.3	891.1
89	<b>MISCELLANEOUS SERVICES</b>	328.9	335.6	350.4	352.9	358.4
891	Engineering and architectural services	118.1	120.1	125.1	125.7	125.4
893	Accounting, auditing, and bookkeeping	152.1	156.7	165.1	167.0	173.1
	<b>GOVERNMENT</b>	7,981	7,876	7,815	7,804	7,692
	<b>FEDERAL GOVERNMENT</b>	877	878	862	868	869
	<b>STATE AND LOCAL GOVERNMENT</b>	7,104	6,998	6,953	6,936	6,823
	State government	1,674.3	1,628.3	1,672.1	1,661.7	1,612.1
	Hospitals	336.2	334.8	336.3	337.3	334.5
	State education	701.5	653.4	695.7	684.4	633.5
	General administration including executive, legislative, and judicial functions	424.4	426.6	431.6	432.0	435.2
	Local government	5,429.8	5,370.0	5,280.7	5,274.7	5,210.9
	Transportation and public utilities	99.4	99.3	104.9	105.8	106.8
	Hospitals	499.5	501.7	517.4	519.5	521.9
	Local education	3,609.3	3,551.4	3,497.9	3,493.7	3,429.9
	General administration including executive, legislative, and judicial functions	991.2	990.9	968.3	961.9	951.3

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted**

(In thousands)

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
<b>TOTAL</b> .....	91,347	91,453	91,564	91,615	91,880	91,901	92,033	91,832	91,522	91,113	90,879	91,043	90,822
<b>GOODS-PRODUCING</b> .....	25,705	25,700	25,705	25,818	25,939	25,931	25,930	25,662	25,418	25,104	24,801	24,841	24,660
<b>MINING</b> .....	1,098	950	957	1,110	1,132	1,151	1,162	1,162	1,172	1,175	1,166	1,166	1,163
<b>CONSTRUCTION</b> .....	4,416	4,413	4,334	4,284	4,272	4,275	4,272	4,259	4,229	4,193	4,085	4,158	4,122
<b>MANUFACTURING</b> .....	20,191	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,017	19,736	19,550	19,507	19,375
<b>DURABLE GOODS</b> .....	12,099	12,207	12,254	12,278	12,333	12,332	12,311	12,115	11,932	11,714	11,596	11,562	11,485
Lumber and wood products .....	692	702	710	699	702	686	677	652	634	619	615	625	520
Furniture and fixtures .....	467	478	484	486	488	487	485	480	470	464	458	454	451
Stone, clay, and glass products .....	651	655	658	658	658	660	655	644	634	622	607	605	599
Primary metal industries .....	1,141	1,145	1,142	1,144	1,140	1,148	1,139	1,114	1,090	1,058	1,042	1,026	1,017
Fabricated metal products .....	1,581	1,595	1,604	1,604	1,614	1,610	1,606	1,575	1,546	1,516	1,501	1,493	1,481
Machinery, except electrical .....	2,480	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,522	2,488	2,455	2,441	2,418
Electric and electronic equipment .....	2,117	2,134	2,143	2,148	2,163	2,166	2,163	2,150	2,119	2,089	2,093	2,085	2,075
Transportation equipment .....	1,849	1,878	1,872	1,886	1,886	1,889	1,889	1,811	1,783	1,725	1,706	1,721	1,722
Instruments and related products .....	712	714	716	717	723	727	727	723	719	717	711	709	704
Miscellaneous manufacturing ind. ....	409	414	414	415	426	417	419	417	415	416	408	403	398
<b>NONDURABLE GOODS</b> .....	8,092	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,085	8,022	7,954	7,945	7,990
Food and kindred products .....	1,691	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,676	1,669	1,663	1,678	1,667
Tobacco manufactures .....	72	72	71	71	71	73	71	70	70	70	71	70	68
Textile mill products .....	838	842	843	846	856	849	849	833	823	812	795	792	780
Apparel and other textile products .....	1,243	1,250	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,233	1,210	1,211	1,192
Paper and allied products .....	689	691	694	695	696	698	703	691	686	682	678	673	667
Printing and publishing .....	1,276	1,280	1,283	1,284	1,290	1,295	1,301	1,302	1,302	1,302	1,301	1,303	1,302
Chemicals and allied products .....	1,108	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,104	1,100	1,093	1,093	1,090
Petroleum and coal products .....	210	211	213	212	212	212	211	210	210	208	203	201	201
Rubber and misc. plastic products .....	734	744	753	757	760	764	760	744	733	722	718	712	713
Leather and leather products .....	231	231	233	233	238	236	236	234	230	224	222	212	210
<b>SERVICE-PRODUCING</b> .....	65,642	65,758	65,859	65,797	65,941	65,970	66,103	66,170	66,104	66,009	66,078	66,199	66,162
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	5,139	5,161	5,148	5,149	5,167	5,170	5,186	5,168	5,147	5,122	5,124	5,131	5,088
<b>WHOLESALE AND RETAIL TRADE</b> .....	20,635	20,635	20,714	20,717	20,796	20,862	20,872	20,916	20,838	20,735	20,849	20,925	20,904
<b>WHOLESALE TRADE</b> .....	5,316	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,363	5,336	5,321	5,320	5,309
<b>RETAIL TRADE</b> .....	15,319	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,475	15,399	15,528	15,605	15,595
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	5,293	5,315	5,326	5,331	5,344	5,354	5,366	5,360	5,355	5,366	5,361	5,364	5,373
<b>SERVICES</b> .....	18,371	18,475	18,540	18,560	18,642	18,667	18,774	18,783	18,838	18,856	18,845	18,913	18,898
<b>GOVERNMENT</b> .....	16,204	16,170	16,131	16,040	15,992	15,917	15,905	15,938	15,926	15,930	15,899	15,891	15,899
<b>FEDERAL</b> .....	2,781	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,748	2,741	2,742	2,737	2,732
<b>STATE AND LOCAL</b> .....	13,423	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,189	13,157	13,154	13,167

p=preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>TOTAL</b> .....	38,780	38,877	38,931	38,987	39,088	39,264	39,469	39,482	39,467	39,459	39,331	39,239	39,260
<b>GOODS-PRODUCING</b> .....	6,806	6,814	6,823	6,878	6,915	6,936	7,016	6,999	6,986	6,939	6,868	6,800	6,738
<b>MINING</b> .....	115	117	119	114	116	124	127	129	132	134	135	137	137
<b>CONSTRUCTION</b> .....	391	392	394	397	397	398	402	401	401	400	399	400	400
<b>MANUFACTURING</b> .....	6,300	6,305	6,310	6,367	6,402	6,414	6,487	6,469	6,453	6,405	6,334	6,263	6,201
<b>DURABLE GOODS</b> .....	3,008	3,013	3,020	3,054	3,073	3,087	3,116	3,118	3,104	3,073	3,023	2,980	2,960
Lumber and wood products .....	104	104	104	106	108	107	108	105	103	100	97	95	95
Furniture and fixtures .....	139	141	141	145	146	148	149	148	146	146	142	140	138
Stone, clay, and glass products .....	126	127	126	127	128	129	131	131	130	129	126	124	122
Primary metal industries .....	124	124	124	127	128	127	125	128	126	122	118	115	112
Fabricated metal products .....	330	331	333	337	341	342	345	345	343	334	325	318	315
Machinery, except electrical .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment .....	897	893	902	912	915	916	926	925	925	918	901	889	893
Transportation equipment .....	292	294	295	302	303	308	311	314	309	304	299	291	289
Instruments and related products .....	303	302	302	303	305	304	308	310	309	307	306	305	302
Miscellaneous manufacturing ind. ....	192	191	191	192	194	193	200	195	194	193	193	194	189
<b>NONDURABLE GOODS</b> .....	3,292	3,292	3,290	3,313	3,329	3,327	3,371	3,351	3,349	3,332	3,311	3,233	3,201
Food and kindred products .....	505	505	500	506	507	495	504	496	490	500	502	500	494
Tobacco manufactures .....	26	26	26	26	26	26	26	27	26	26	25	25	26
Textile mill products .....	397	395	395	398	399	400	405	402	403	396	391	385	375
Apparel and other textile products .....	1,004	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016	1,010	996	978
Paper and allied products .....	159	160	160	161	162	160	163	164	165	161	159	159	158
Printing and publishing .....	504	505	507	510	511	512	515	517	519	522	521	523	521
Chemicals and allied products .....	281	282	283	282	282	283	283	282	283	283	283	283	281
Petroleum and coal products .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products .....	250	250	252	257	261	263	258	267	264	257	251	247	244
Leather and leather products .....	137	133	137	137	139	139	144	141	141	140	138	134	133
<b>SERVICE-PRODUCING</b> .....	31,974	32,063	32,108	32,109	32,173	32,328	32,453	32,483	32,481	32,520	32,463	32,439	32,522
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	1,310	1,314	1,318	1,327	1,329	1,335	1,340	1,345	1,356	1,355	1,350	1,357	1,364
<b>WHOLESALE AND RETAIL TRADE</b> .....	8,998	9,031	9,051	8,990	9,024	9,166	9,207	9,237	9,251	9,261	9,192	9,127	9,202
<b>WHOLESALE TRADE</b> .....	1,375	1,373	1,377	1,388	1,389	1,388	1,393	1,403	1,405	1,403	1,409	1,400	1,400
<b>RETAIL TRADE</b> .....	7,623	7,653	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858	7,783	7,727	7,802
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,120	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199	3,200	3,204	3,203
<b>SERVICES</b> .....	10,765	10,803	10,830	10,882	10,906	10,924	10,979	10,994	11,057	11,101	11,125	11,133	11,153
<b>GOVERNMENT</b> .....	7,781	7,785	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604	7,596	7,613	7,600
<b>FEDERAL</b> .....	887	865	878	877	877	876	878	877	877	873	872	873	878
<b>STATE AND LOCAL</b> .....	6,894	6,920	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731	6,724	6,734	6,722

<sup>1</sup> This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-6. Production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
<b>TOTAL PRIVATE</b> .....	60,961	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,210	60,759	60,538	60,687	60,488
<b>GOODS-PRODUCING</b> .....	18,346	18,333	18,317	18,387	18,476	18,459	18,454	18,185	17,934	17,611	17,326	17,373	17,242
<b>MINING</b> .....	813	689	694	819	834	850	857	854	862	864	852	850	847
<b>CONSTRUCTION</b> .....	3,459	3,462	3,376	3,323	3,315	3,315	3,316	3,301	3,275	3,233	3,132	3,207	3,158
<b>MANUFACTURING</b> .....	14,074	14,187	14,247	14,245	14,327	14,294	14,281	14,030	13,797	13,514	13,342	13,321	13,237
<b>DURABLE GOODS</b> .....	8,325	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,083	7,868	7,758	7,745	7,691
Lumber and wood products .....	577	585	593	585	585	571	563	540	521	506	502	513	508
Furniture and fixtures .....	376	385	392	393	396	395	391	385	376	370	364	360	358
Stone, clay, and glass products .....	501	506	507	506	508	510	505	495	485	473	458	458	453
Primary metal industries .....	879	884	880	882	879	883	877	851	828	799	783	772	764
Fabricated metal products .....	1,169	1,173	1,184	1,187	1,197	1,193	1,187	1,157	1,132	1,102	1,085	1,078	1,070
Machinery, except electrical .....	1,575	1,580	1,594	1,602	1,605	1,618	1,624	1,615	1,587	1,554	1,523	1,514	1,494
Electric and electronic equipment .....	1,334	1,345	1,353	1,354	1,365	1,364	1,362	1,347	1,308	1,278	1,285	1,278	1,269
Transportation equipment .....	1,190	1,219	1,210	1,218	1,213	1,217	1,221	1,147	1,121	1,064	1,048	1,066	1,075
Instruments and related products .....	420	422	423	422	427	426	426	423	418	417	413	411	408
Miscellaneous manufacturing ind. ....	304	307	306	306	316	308	309	307	307	305	297	295	292
<b>NONDURABLE GOODS</b> .....	5,749	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,714	5,646	5,584	5,576	5,546
Food and kindred products .....	1,158	1,164	1,170	1,144	1,160	1,140	1,140	1,149	1,149	1,141	1,133	1,150	1,143
Tobacco manufactures .....	56	55	55	56	55	57	56	55	55	54	56	54	53
Textile mill products .....	727	729	731	733	742	736	737	722	710	699	683	581	572
Apparel and other textile products .....	1,061	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,062	1,046	1,027	1,026	1,012
Paper and allied products .....	519	521	523	524	525	526	531	520	516	509	506	503	499
Printing and publishing .....	708	709	710	709	711	714	718	718	716	715	715	715	719
Chemicals and allied products .....	626	627	629	632	630	630	631	625	620	615	608	606	606
Petroleum and coal products .....	134	134	135	133	133	132	131	130	129	127	121	121	120
Rubber and misc. plastics products .....	566	575	584	585	586	592	588	573	561	551	548	543	545
Leather and leather products .....	194	195	197	197	202	200	200	199	196	189	187	177	177
<b>SERVICE-PRODUCING</b> .....	42,615	42,776	42,862	42,905	43,109	43,163	43,316	43,342	43,276	43,148	43,212	43,309	43,246
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,268	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,263	4,235	4,228	4,207	4,196
<b>WHOLESALE AND RETAIL TRADE</b> .....	18,031	18,027	18,084	18,093	18,200	18,230	18,271	18,311	18,218	18,120	18,205	18,286	18,268
<b>WHOLESALE TRADE</b> .....	4,330	4,342	4,352	4,350	4,367	4,370	4,367	4,359	4,359	4,339	4,311	4,308	4,299
<b>RETAIL TRADE</b> .....	13,701	13,685	13,732	13,743	13,833	13,860	13,904	13,952	13,859	13,781	13,894	13,978	13,969
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,996	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,039	4,041	4,035	4,029	4,036
<b>SERVICES</b> .....	16,320	16,441	16,482	16,513	16,588	16,602	16,685	16,705	16,756	16,752	16,744	16,788	16,746

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-7. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased**

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January.....	65.1	72.1	72.1	74.7
February.....	66.0	68.6	71.8	70.6
March.....	64.2	65.7	70.1	69.5
April.....	54.1	65.7	64.8	67.2
May.....	60.5	62.8	59.6	59.6
June.....	62.5	63.7	54.4	58.1
July.....	57.0	55.5	56.7	55.8
August.....	53.2	50.0	51.5	55.2
September.....	49.1	53.5	52.0	50.0
October.....	61.6	52.0	50.6	46.2
November.....	49.4	53.5	51.2	38.1
December.....	49.7	49.4	47.7	35.8
1980				
January.....	52.6	50.6	40.4	32.0
February.....	53.2	46.8	33.4	32.6
March.....	49.4	38.7	30.8	31.7
April.....	34.6	30.8	24.7	32.3
May.....	32.8	27.0	26.2	31.4
June.....	31.4	25.9	28.2	31.4
July.....	36.9	35.5	35.2	31.4
August.....	64.8	54.9	45.1	32.6
September.....	64.0	71.2	61.0	34.9
October.....	61.3	69.8	73.5	43.6
November.....	63.4	64.8	72.7	55.8
December.....	56.7	64.0	65.4	70.3
1981				
January.....	59.6	61.0	68.6	78.8
February.....	55.8	61.3	68.6	75.6
March.....	52.3	64.2	67.2	73.3
April.....	69.8	68.9	70.3	64.2
May.....	62.5	66.9	67.7	54.1
June.....	51.5	68.6	71.8	45.1
July.....	67.2	60.2	52.9	37.8
August.....	49.7	66.6	38.7	34.6p
September.....	59.3	39.2	35.8	35.8p
October.....	30.2	33.1	26.7	
November.....	27.9	23.8	27.6p	
December.....	29.9	23.0	23.8p	
1982				
January.....	30.5	26.5p		
February.....	48.3p	29.9p		
March.....	31.4p			
April.....				
May.....				
June.....				
July.....				
August.....				
September.....				
October.....				
November.....				
December.....				

<sup>1</sup> Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.  
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division**

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1 ALABAMA	1,341.9	1,333.3	1,337.8	17.2	16.6	16.6	63.5	62.1	62.8	359.2	348.0	352.1
2 Birmingham	343.9	339.4	339.4	9.2	8.8	8.7	18.4	17.3	17.3	61.3	56.2	57.2
3 Huntsville	118.8	123.5	123.8	(1)	(1)	(1)	3.5	3.4	3.4	35.7	36.9	37.2
4 Mobile	151.6	149.5	150.7	(1)	(1)	(1)	11.5	9.2	9.2	29.6	30.3	31.1
5 Montgomery	106.1	104.9	104.9	(1)	(1)	(1)	5.9	5.4	5.4	16.4	15.6	15.6
6 Tuscaloosa	51.8	49.9	50.4	2.5	2.7	2.8	2.4	1.9	2.0	8.1	7.6	7.8
7 ALASKA	162.8	172.1	173.5	7.1	7.6	7.7	8.2	10.2	10.0	8.7	7.7	7.9
8 ARIZONA	1,038.0	1,038.9	1,049.5	24.2	22.2	22.0	70.6	63.6	62.3	157.2	156.4	155.3
9 Phoenix	654.7	659.4	665.0	.4	.4	.4	48.2	44.0	42.8	115.5	113.8	112.9
10 Tucson	190.0	188.1	190.5	7.7	5.6	5.4	13.4	10.9	10.9	22.8	24.6	24.7
11 ARKANSAS	732.7	712.4	717.6	5.6	5.9	6.2	32.2	25.8	26.3	206.7	198.5	199.5
12 Fayetteville—Springdale	64.6	64.3	64.4	(1)	(1)	(1)	2.7	2.4	2.4	19.6	13.9	15.6
13 Fort Smith	69.6	66.2	66.1	1.1	1.1	1.2	2.8	2.2	2.2	21.9	20.3	20.4
14 Little Rock—North Little Rock	177.2	175.5	175.9	(1)	(1)	(1)	8.1	7.5	7.9	29.7	28.4	28.3
15 Pine Bluff	31.5	30.6	30.6	(1)	(1)	(1)	2.1	1.4	1.4	6.3	6.1	6.1
16 CALIFORNIA	9,891.5	10,005.1	10,004.4	45.7	49.1	49.2	420.0	402.7	392.9	1,988.2	1,961.4	1,958.9
17 Anaheim—Santa Ana—Garden Grove	853.8	865.6	863.5	2.6	2.8	2.9	48.5	45.2	44.3	222.5	222.9	221.4
18 Bakersfield	131.6	135.7	135.4	13.0	14.5	14.4	6.7	6.6	6.6	9.6	10.0	10.0
19 Fresno	178.1	179.6	180.6	.9	1.0	1.0	9.1	9.6	9.5	21.8	21.0	21.5
20 Los Angeles—Long Beach	3,641.8	3,617.6	3,615.4	13.5	14.9	14.8	123.8	109.6	108.0	910.4	894.9	889.3
21 Modesto	84.9	87.6	86.3	.1	.1	.1	5.1	4.9	4.8	17.0	18.0	17.7
22 Oxnard—Simi Valley—Ventura	154.7	161.5	161.5	2.7	3.0	3.0	7.3	6.9	6.7	24.6	25.7	25.7
23 Riverside—San Bernardino—Ontario	438.0	443.3	442.5	2.2	2.0	2.0	23.7	21.9	21.6	62.6	63.5	63.1
24 Sacramento	398.3	405.5	406.3	.6	.7	.7	16.6	15.9	15.9	26.0	26.1	26.3
25 Salinas—Seaside—Monterey	86.8	88.5	89.1	.4	.4	.4	3.3	3.2	3.3	7.6	7.8	7.8
26 San Diego	656.5	661.8	660.9	.6	.6	.6	35.3	32.6	31.8	107.5	108.1	107.2
27 San Francisco—Oakland	1,560.5	1,579.2	1,575.3	3.8	4.3	4.3	71.6	72.2	71.5	197.8	195.0	196.6
28 San Jose	680.0	692.6	691.5	.1	.1	.1	23.8	21.9	21.9	242.2	245.8	246.4
29 Santa Barbara—Santa Maria—Lompoc	120.7	123.9	123.8	1.6	1.6	1.6	4.7	4.7	4.6	17.2	17.3	17.7
30 Santa Rosa	92.7	95.2	94.9	.4	.4	.4	4.7	5.1	4.7	14.6	15.3	15.2
31 Stockton	117.8	118.9	118.8	.1	.1	.1	5.4	5.3	5.3	19.9	19.8	19.3
32 Vallejo—Fairfield—Napa	98.8	101.0	101.5	.5	.5	.5	4.7	4.6	4.5	10.1	10.4	10.6
33 COLORADO	1,263.0	1,277.8	1,276.6	40.0	43.0	42.7	70.3	68.6	67.9	181.5	183.0	181.9
34 Denver—Boulder	807.5	821.1	820.1	23.6	27.0	27.1	41.8	41.0	40.8	125.7	127.6	126.9
35 CONNECTICUT	1,414.7	1,417.7	1,409.6	(2)	(2)	(2)	41.9	44.3	42.2	441.0	429.6	423.8
36 Bridgeport	165.9	167.7	166.3	(2)	(2)	(2)	3.5	3.7	3.6	64.5	64.8	64.3
37 Hartford	392.4	394.4	391.7	(2)	(2)	(2)	9.8	9.9	9.4	98.8	93.6	92.7
38 New Britain	63.1	61.8	60.8	(2)	(2)	(2)	1.5	1.7	1.7	29.9	28.4	27.5
39 New Haven—West Haven	186.5	186.5	185.9	(2)	(2)	(2)	5.4	5.5	5.3	43.1	40.7	40.5
40 Stamford	139.6	111.9	111.3	(2)	(2)	(2)	5.3	5.6	5.5	32.4	32.1	31.9
41 Waterbury	86.2	87.5	86.7	(2)	(2)	(2)	2.2	2.3	2.2	32.0	32.0	31.3
42 DELAWARE	248.8	244.5	247.9	(1)	(1)	(1)	11.4	12.1	12.3	67.7	62.9	66.4
43 Wilmington	221.2	216.2	219.3	(1)	(1)	(1)	12.1	12.2	11.8	61.9	56.9	60.5
44 DISTRICT OF COLUMBIA	610.6	600.3	600.0	(1)	(1)	(1)	11.3	11.2	11.3	15.3	14.2	14.2
45 Washington SMSA	1,583.3	1,569.8	1,570.6	(1)	(1)	(1)	72.6	63.7	65.0	58.9	58.5	58.5
46 FLORIDA	3,703.5	3,805.3	3,812.9	11.3	10.9	10.9	274.5	274.1	268.4	465.5	469.3	457.8
47 Bradenton	44.1	48.5	48.8	-	-	-	3.3	4.7	4.3	7.7	6.9	7.4
48 Daytona Beach	81.2	79.0	80.8	(1)	(1)	(1)	5.1	5.0	4.8	8.7	8.3	8.3
49 Fort Lauderdale—Hollywood	369.5	359.0	357.3	(1)	(1)	(1)	33.2	26.6	26.0	41.5	41.4	41.0
50 Fort Myers—Cape Coral	71.9	71.8	71.9	(1)	(1)	(1)	9.0	8.2	8.2	3.7	3.8	3.9
51 Gainesville	67.9	69.5	69.7	(1)	(1)	(1)	3.4	2.9	3.1	4.2	4.6	4.5
52 Jacksonville	298.1	301.4	301.5	(1)	(1)	(1)	17.1	18.1	17.8	33.6	33.5	33.2
53 Lakeland—Winter Haven	126.8	124.6	122.6	6.2	5.8	5.8	9.7	9.6	9.6	24.9	24.5	22.9
54 Melbourne—Titusville—Cocoa	104.0	106.5	106.2	(1)	(1)	(1)	6.5	5.9	6.2	22.8	24.6	24.5
55 Miami	748.9	739.3	739.0	(1)	(1)	(1)	41.2	37.3	36.6	99.6	97.6	97.9
56 Orlando	296.1	299.6	300.7	(1)	(1)	(1)	21.6	18.5	18.5	38.0	39.1	39.3
57 Panama City	32.3	33.7	33.6	(1)	(1)	(1)	2.0	2.2	2.1	3.6	3.4	3.4
58 Pensacola	98.8	98.6	98.8	(1)	(1)	(1)	7.2	6.7	6.5	12.6	12.2	12.2
59 Sarasota	73.8	73.2	73.8	(1)	(1)	(1)	7.5	6.4	6.4	6.4	6.2	6.3
60 Tallahassee	76.2	73.4	74.5	(1)	(1)	(1)	3.6	3.1	3.4	2.8	2.9	2.3
61 Tampa—St. Petersburg	571.6	576.4	576.3	(1)	(1)	(1)	41.9	40.8	39.9	79.3	78.5	78.5
62 West Palm Beach—Boca Raton	224.1	228.7	229.2	(1)	(1)	(1)	21.4	19.9	19.7	29.1	29.1	29.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
70.9	70.9	70.9	264.7	272.5	270.8	58.9	59.2	59.2	207.4	211.8	212.2	300.1	292.2	293.2	1
29.0	29.8	29.5	80.0	83.7	79.9	22.9	22.9	22.8	67.9	69.5	69.7	55.2	54.2	54.3	2
2.6	2.7	2.7	20.9	22.1	21.9	3.5	3.5	3.6	18.0	19.2	19.2	34.6	35.7	35.8	3
10.4	10.2	10.4	36.0	36.0	36.0	7.1	7.3	7.3	29.2	29.7	30.1	27.8	26.8	26.6	4
4.4	4.4	4.4	23.2	23.2	23.1	6.2	6.2	6.2	20.4	20.7	20.8	29.6	29.4	29.4	5
1.8	1.7	1.7	9.9	9.9	9.8	1.7	1.7	1.7	6.6	6.5	6.5	18.8	17.9	18.1	8
16.4	17.2	17.0	28.8	30.8	30.6	7.9	8.6	8.6	29.1	31.1	31.2	56.6	58.9	60.5	7
52.5	55.3	55.4	250.9	263.4	263.3	59.7	62.3	62.3	214.0	220.0	222.3	208.9	195.7	206.6	8
31.9	34.0	34.0	168.1	176.5	176.4	46.3	48.4	48.2	139.3	145.3	147.0	105.0	97.0	103.3	9
8.9	9.0	9.0	41.9	43.7	43.4	8.5	8.8	8.8	40.8	42.5	42.8	46.0	43.0	45.5	10
42.0	42.8	42.6	154.5	157.3	156.8	31.2	31.8	31.8	115.9	112.9	115.1	144.6	137.4	139.3	11
3.8	3.8	3.9	15.3	16.2	16.2	2.2	2.3	2.3	9.1	9.4	9.4	11.9	11.3	11.6	12
3.6	3.5	3.4	14.3	14.4	14.1	2.5	2.6	2.6	12.8	12.0	12.0	10.6	10.1	10.2	13
13.4	13.1	13.2	40.6	41.2	40.6	12.7	12.7	12.6	34.8	35.5	35.8	37.9	37.1	37.5	14
3.8	3.8	3.8	6.1	6.1	6.0	1.3	1.3	1.3	4.9	5.3	5.3	7.0	6.6	6.7	15
540.3	549.5	546.5	2,252.2	2,332.6	2,316.6	637.7	653.2	654.3	2,211.6	2,293.5	2,308.6	1,795.8	1,763.1	1,777.4	16
28.1	29.6	29.7	205.7	214.2	213.4	60.6	62.9	62.6	178.1	183.1	183.9	107.7	104.9	105.3	17
7.8	8.0	7.8	33.1	34.1	33.9	5.0	5.3	5.3	24.1	24.9	24.9	32.3	32.3	32.5	18
10.5	10.8	10.6	46.2	48.1	47.5	11.2	11.6	11.7	36.2	37.6	37.7	42.2	39.3	41.1	19
197.6	197.1	195.7	808.9	822.7	817.3	238.3	241.1	241.0	858.4	870.4	877.2	490.9	466.3	472.1	20
3.7	3.8	3.7	20.7	22.0	21.4	3.5	3.6	3.6	17.2	18.0	18.0	17.6	17.2	17.0	21
6.5	7.2	7.1	36.3	39.9	39.2	8.0	8.5	8.5	30.8	32.7	32.6	38.5	38.0	38.7	22
25.7	26.4	26.4	105.9	110.4	109.2	19.6	20.1	20.1	94.2	96.3	96.8	104.1	102.7	103.3	23
21.7	22.4	22.4	91.4	95.5	94.7	22.3	22.7	22.7	75.8	78.9	79.1	143.9	143.3	144.5	24
5.1	4.9	4.9	22.3	23.3	23.1	4.3	4.3	4.3	19.5	19.9	20.1	24.3	25.1	25.2	25
28.8	29.7	29.4	148.2	151.9	151.1	43.1	41.3	41.3	151.4	156.4	157.2	144.6	141.2	142.3	28
128.1	129.7	129.4	355.2	367.0	362.1	147.8	152.4	152.3	362.4	373.5	376.1	293.8	285.1	287.0	27
21.8	22.4	22.4	126.2	132.2	131.1	28.3	28.7	28.6	154.4	159.5	160.2	83.2	82.0	80.8	28
5.0	5.3	5.3	28.2	29.5	29.2	5.9	6.0	6.0	33.0	34.5	34.6	25.1	25.0	24.8	29
4.6	4.8	4.8	22.4	23.5	23.3	6.0	6.0	6.0	19.6	20.1	20.1	20.4	20.0	20.4	30
7.8	7.7	7.7	26.6	27.9	27.5	5.3	5.4	5.4	24.8	25.3	25.5	27.9	27.4	27.5	31
4.5	4.4	4.4	21.1	22.4	22.4	3.3	3.4	3.4	19.6	20.0	20.2	35.0	35.3	35.5	32
79.5	80.9	80.5	303.5	311.5	308.2	78.6	80.5	80.2	261.6	269.4	269.3	248.0	241.0	245.6	33
55.7	56.3	56.1	190.5	195.5	193.3	55.7	57.3	57.1	174.4	179.8	179.9	140.2	136.8	138.9	34
60.3	60.3	59.9	296.1	301.1	300.2	107.6	113.5	113.6	281.0	287.3	287.1	186.8	181.6	182.8	35
6.0	6.0	6.0	33.8	35.0	34.2	7.7	7.7	7.6	33.5	33.8	33.7	16.9	16.7	16.9	36
14.1	14.3	14.3	82.3	84.7	83.9	61.6	62.4	62.0	72.6	74.6	74.8	53.5	54.9	54.6	37
3.1	3.3	3.3	13.1	10.2	10.2	1.8	1.9	1.8	10.2	10.0	10.0	6.5	6.3	6.3	38
15.4	15.6	15.6	39.3	40.1	39.7	10.8	11.3	11.3	47.8	48.6	49.1	24.7	24.7	24.4	39
4.5	4.6	4.6	24.8	25.7	25.5	8.1	8.5	8.4	24.3	25.1	24.8	10.2	10.3	10.3	40
3.1	3.0	3.0	15.3	15.7	15.5	3.7	3.6	3.8	18.4	19.1	19.1	11.5	11.6	11.5	41
12.0	11.7	11.7	53.3	54.6	53.9	12.4	12.8	12.8	47.0	47.5	47.5	44.9	42.8	43.3	42
11.6	11.4	11.5	46.1	46.7	46.3	11.6	12.0	12.0	42.1	42.8	42.8	35.8	34.1	34.4	43
26.1	26.1	26.1	62.3	62.6	63.1	34.1	33.3	33.4	185.7	186.4	186.6	275.8	265.5	265.3	44
71.4	71.4	71.6	301.0	312.8	308.9	89.8	90.5	90.4	438.5	444.9	445.9	551.1	528.0	530.3	45
226.0	228.4	227.1	976.2	1,027.2	1,019.2	266.4	280.2	279.7	852.6	901.2	918.5	631.0	614.0	621.3	46
1.5	1.5	1.5	11.8	12.5	12.5	2.9	3.7	3.7	8.4	9.4	9.5	8.5	9.8	9.9	47
3.3	3.2	3.2	22.3	22.3	22.1	4.6	4.7	4.7	22.5	20.8	22.0	14.7	14.7	14.7	48
17.6	17.7	17.0	113.0	104.9	104.3	31.2	32.4	32.6	88.3	87.8	87.7	47.7	48.5	48.7	49
4.1	4.4	4.4	21.3	20.4	20.3	6.3	6.6	6.6	16.0	16.8	16.8	11.5	11.6	11.8	50
1.6	1.7	1.7	14.1	14.5	14.1	2.9	3.2	3.1	13.7	14.5	14.6	28.0	28.1	28.6	51
24.6	24.8	24.8	76.6	78.4	78.3	28.2	28.1	28.4	63.0	64.6	65.0	55.0	53.9	54.0	52
5.4	5.4	5.3	31.2	30.7	30.2	6.9	6.8	6.8	24.8	24.2	24.5	17.7	17.6	17.5	53
4.6	4.6	4.6	22.1	22.6	22.1	4.2	4.2	4.1	25.1	26.5	26.5	18.7	18.1	18.2	54
73.7	72.2	72.1	198.6	197.4	197.3	56.7	57.7	57.4	182.2	181.3	181.5	96.9	95.8	96.2	55
15.1	15.4	15.5	80.4	82.0	82.3	20.0	20.5	20.5	79.0	80.3	80.8	42.0	43.8	43.8	56
2.0	2.2	2.2	8.4	9.1	9.1	1.5	1.6	1.7	6.1	6.7	6.7	8.7	8.5	8.5	57
5.0	4.8	4.8	23.2	24.3	24.5	4.3	4.4	4.4	20.4	20.8	20.9	26.1	25.4	25.5	58
3.2	3.3	3.3	22.7	22.2	22.5	5.9	6.2	6.2	18.2	18.8	18.9	9.9	10.1	10.2	59
2.9	3.0	3.0	15.3	15.7	15.5	3.4	3.5	3.5	13.8	13.7	13.7	34.4	31.5	32.5	80
31.7	32.4	32.5	157.7	161.4	160.5	40.3	42.1	42.1	138.0	137.8	138.5	82.7	83.4	84.3	61
9.2	9.6	9.5	59.1	62.2	61.9	18.7	18.9	19.0	55.3	57.5	57.9	31.3	31.5	32.1	62



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1 GEORGIA	2,163.4	2,155.9	2,159.9	7.7	7.7	7.8	99.5	97.0	98.8	512.8	504.1	504.9
2 Albany	43.6	44.6	44.9	(1)	(1)	(1)	1.9	2.1	2.2	11.6	12.0	11.9
3 Atlanta	977.6	983.8	990.5	(1)	(1)	(1)	44.6	42.8	43.7	143.1	144.0	143.2
4 Augusta	121.9	122.5	122.5	(1)	(1)	(1)	5.3	4.6	4.8	35.6	35.8	35.3
5 Columbus	80.9	77.9	78.4	(1)	(1)	(1)	4.2	4.9	5.3	21.9	18.7	13.6
6 Macon	97.1	98.1	98.2	(1)	(1)	(1)	3.7	3.7	3.8	16.4	16.8	16.9
7 Savannah	86.9	89.7	88.7	(1)	(1)	(1)	4.8	4.9	4.8	16.5	16.4	16.3
8 HAWAII	(*)	397.9	402.2	(1)	(1)	(1)	(*)	20.6	20.2	(*)	21.6	22.5
9 Honolulu	(*)	325.9	329.6	(1)	(1)	(1)	(*)	16.8	16.4	(*)	15.4	16.0
10 IDAHO	323.4	313.7	314.5	4.9	3.9	3.8	14.4	13.9	13.6	51.9	47.8	43.5
11 Boise City	77.9	73.5	74.2	(1)	(1)	(1)	5.6	4.7	4.8	8.5	8.4	8.4
12 ILLINOIS <sup>3</sup>	4,691.2	4,623.3	4,605.4	27.7	28.3	28.2	143.7	142.7	136.2	1,136.2	1,073.8	1,063.6
13 Bloomington—Normal <sup>2</sup>	50.5	50.4	49.6	(2)	(2)	(2)	1.3	1.3	1.2	6.9	6.6	6.3
14 Champaign—Urbana—Rantoul <sup>2</sup>	76.7	72.9	76.0	(2)	(2)	(2)	1.3	1.3	1.2	7.7	7.7	7.7
15 Chicago—Gary <sup>3</sup>	(*)	3,398.5	(*)	(*)	5.1	(*)	(*)	103.7	(*)	(*)	855.6	(*)
16 Chicago SMSA <sup>3</sup>	3,197.9	3,169.2	3,158.0	3.9	3.9	3.8	91.7	86.9	84.7	773.9	738.8	730.4
17 Davenport—Rock Island—Moline <sup>3</sup>	162.7	153.2	153.5	(2)	(2)	(2)	6.4	6.4	6.4	51.4	41.8	42.1
18 Decatur <sup>2</sup>	55.7	55.1	54.6	(2)	(2)	(2)	1.7	1.8	1.7	20.2	19.8	19.7
19 Kankakee <sup>3</sup>	33.4	32.1	32.6	(2)	(2)	(2)	1.4	1.4	1.4	9.4	8.0	8.2
20 Peoria <sup>3</sup>	145.3	145.0	142.8	(2)	(2)	(2)	5.7	5.8	5.4	47.3	47.1	45.2
21 Rockford <sup>3</sup>	114.8	113.7	109.1	(2)	(2)	(2)	3.1	3.2	3.1	48.5	47.3	42.7
22 Springfield <sup>3</sup>	85.0	84.8	85.1	(2)	(2)	(2)	3.1	3.4	3.1	6.5	6.0	6.3
23 INDIANA	2,100.2	2,024.3	2,022.6	9.1	8.1	8.2	74.0	69.9	67.9	657.8	615.0	611.5
24 Anderson	46.1	42.1	41.6	(1)	(1)	(1)	.9	1.1	1.0	19.9	16.8	16.4
25 Elkhart	66.8	64.2	64.6	-	-	-	1.9	1.8	1.7	33.8	32.0	32.6
26 Evansville	125.4	123.3	123.1	2.8	2.6	2.6	5.8	6.2	6.0	36.3	34.0	34.0
27 Fort Wayne	170.0	164.4	163.5	(1)	(1)	(1)	6.7	6.5	6.2	53.7	49.8	49.7
28 Gary—Hammond—East Chicago <sup>4</sup>	250.1	239.4	238.5	(1)	(1)	(1)	13.8	13.2	13.1	93.0	85.0	83.6
29 Indianapolis	526.3	519.4	515.6	(1)	(1)	(1)	19.5	19.2	18.2	122.6	117.7	117.1
30 Lafayette—West Lafayette	58.0	57.2	57.6	(1)	(1)	(1)	2.0	2.2	2.1	11.0	11.0	10.9
31 Muncie	49.0	47.1	46.5	(1)	(1)	(1)	1.1	.9	.9	12.8	11.3	10.7
32 South Bend	106.9	103.0	103.0	(1)	(1)	(1)	4.3	3.5	3.3	30.2	29.3	29.2
33 Terre Haute	62.6	57.5	57.7	1.3	1.4	1.4	2.9	2.4	2.2	15.3	12.9	13.6
34 IOWA	1,074.7	1,046.7	1,050.1	1.5	1.3	1.3	37.3	33.9	32.0	236.8	219.2	222.3
35 Cedar Rapids	81.2	78.7	78.0	(1)	(1)	(1)	2.8	2.6	2.6	26.4	25.2	24.9
36 Des Moines	176.1	171.7	170.9	(1)	(1)	(1)	5.9	5.0	4.7	24.3	21.6	21.4
37 Dubuque	41.5	36.7	39.7	(1)	(1)	(1)	1.0	.9	.9	14.4	9.6	12.7
38 Sioux City	48.2	48.4	48.1	(1)	(1)	(1)	1.8	1.4	1.2	9.0	9.2	9.0
39 Waterloo—Cedar Falls	64.9	62.4	61.4	(1)	(1)	(1)	1.9	1.9	1.8	23.3	21.5	20.5
40 KANSAS	937.7	936.7	933.8	17.9	20.1	20.0	39.3	34.7	32.6	187.5	184.7	183.0
41 Lawrence	28.1	27.9	28.3	(2)	(2)	(2)	.8	.8	.7	4.6	4.5	4.5
42 Topeka	85.3	83.9	84.3	.2	.1	.1	3.1	2.5	2.5	10.1	9.9	9.8
43 Wichita	205.2	203.5	201.7	3.2	3.8	3.8	8.7	8.8	7.8	65.1	62.4	61.8
44 KENTUCKY	1,186.4	1,174.7	1,164.1	52.9	53.3	53.1	46.8	42.4	41.7	271.9	263.6	259.3
45 Lexington—Fayette	140.4	142.8	(*)	(1)	(1)	(*)	3.4	3.5	(*)	29.2	29.5	(*)
46 Louisville	385.4	370.4	372.0	(1)	(1)	(1)	14.5	15.5	15.2	101.2	91.7	93.1
47 Owensboro	30.7	28.3	28.0	1.0	.8	.8	1.6	1.2	1.2	6.8	6.2	5.9
48 LOUISIANA	1,592.1	1,621.6	1,628.2	93.0	100.2	100.9	132.6	133.1	135.6	216.1	209.5	209.2
49 Alexandria	52.5	53.3	53.3	(1)	(1)	(1)	3.8	3.6	3.6	5.2	5.3	5.3
50 Baton Rouge	202.2	204.1	205.8	1.2	1.3	1.3	24.8	21.3	21.4	25.8	26.2	26.1
51 Lafayette	84.7	93.1	93.8	17.2	19.7	20.0	5.4	5.5	5.5	4.4	5.0	5.1
52 Lake Charles	70.2	69.1	68.5	2.3	2.5	2.5	10.8	8.5	8.3	13.5	12.5	12.3
53 Monroe	51.1	48.9	49.4	.6	.7	.7	3.2	2.4	3.1	7.9	7.4	7.4
54 New Orleans	512.4	516.0	516.3	18.9	21.1	21.2	30.2	29.9	30.0	51.9	50.2	50.0
55 Shreveport	147.5	150.9	151.8	7.1	8.3	8.3	8.2	7.5	7.9	26.8	28.1	28.2
56 MAINE	405.4	400.5	399.7	(1)	(1)	(1)	13.8	14.1	12.7	112.8	108.7	107.4
57 Lewiston—Auburn	34.1	33.3	32.9	(1)	(1)	(1)	1.1	1.0	1.0	11.8	11.1	10.9
58 Portland	89.6	92.2	92.4	(1)	(1)	(1)	3.0	3.3	3.2	18.3	17.6	17.4
59 MARYLAND	1,691.0	1,651.7	1,654.4	(1)	(1)	(1)	91.6	76.4	75.2	230.6	216.5	213.1
60 Baltimore	951.4	932.1	931.3	(1)	(1)	(1)	44.5	35.7	34.4	155.7	145.7	145.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
143.1	141.5	141.9	496.1	496.3	493.2	112.5	114.1	114.1	351.2	359.0	360.6	440.5	436.2	438.7	1
2.4	2.3	2.3	9.0	5.6	9.5	2.0	2.0	2.0	6.2	6.3	6.3	10.7	10.4	10.8	2
88.0	87.7	88.3	265.8	268.6	269.0	67.3	67.7	67.5	204.2	212.2	216.1	164.5	160.8	162.8	3
4.4	4.5	4.5	22.2	22.7	22.5	4.5	4.4	4.5	18.1	18.2	18.3	31.8	32.3	32.5	4
3.3	3.2	3.2	15.6	16.0	15.9	5.3	5.4	5.4	11.2	11.2	11.3	19.4	18.5	18.7	5
4.5	4.5	4.4	19.6	20.4	20.2	6.1	6.3	6.2	17.1	17.1	17.0	29.7	29.4	29.8	6
9.5	8.6	8.4	21.0	22.0	21.5	4.0	4.1	4.0	15.2	16.4	16.2	15.9	17.3	17.5	7
(*)	30.6	30.5	(*)	104.4	104.3	(*)	32.4	32.4	(*)	100.8	102.4	(*)	87.5	89.9	8
(*)	25.6	25.5	(*)	86.5	86.4	(*)	27.8	27.9	(*)	79.5	80.9	(*)	74.3	76.5	9
19.8	19.0	19.0	78.5	79.1	77.8	23.0	23.3	23.3	60.0	58.4	58.5	70.9	68.3	70.0	10
5.1	4.7	4.6	19.6	19.3	19.2	8.0	8.0	8.0	14.5	13.5	13.5	16.6	14.9	15.7	11
285.2	274.9	275.4	1,079.7	1,083.7	1,068.7	312.6	314.5	312.8	942.1	946.1	952.5	764.0	759.3	771.0	12
3.1	3.1	3.1	12.1	11.9	11.7	7.7	7.9	7.9	8.2	8.3	8.3	11.2	11.3	11.1	13
2.6	2.6	2.5	19.2	18.4	18.5	2.5	2.4	2.4	11.2	11.5	11.5	32.2	29.0	32.2	14
(*)	206.3	(*)	(*)	799.5	(*)	(*)	228.0	(*)	(*)	694.1	(*)	(*)	506.2	(*)	15
196.8	192.4	192.8	752.8	759.6	747.4	240.0	243.5	241.0	689.1	700.0	702.0	449.7	444.1	455.9	18
6.7	6.8	6.8	40.2	40.0	39.7	7.2	7.2	7.2	24.7	24.6	25.0	26.1	26.4	26.3	17
5.3	5.2	5.2	11.6	11.8	11.5	2.7	2.7	2.6	8.7	8.7	8.6	5.4	5.0	5.2	18
1.4	1.4	1.4	6.7	6.8	6.8	1.1	1.1	1.1	6.3	6.3	6.5	7.1	7.1	7.2	19
7.9	7.9	7.9	34.4	34.3	33.9	7.2	7.0	7.0	25.3	25.6	25.7	17.5	17.3	17.7	20
4.4	4.4	4.4	24.0	24.4	23.9	4.2	4.2	4.3	18.1	18.0	18.2	12.5	12.2	12.5	21
4.6	4.7	4.7	18.5	18.7	18.1	6.7	6.7	6.7	17.3	17.7	17.7	28.2	27.5	28.4	22
103.0	99.1	99.4	459.9	455.1	451.1	100.8	99.5	98.9	335.1	336.7	340.6	359.6	341.0	345.0	23
1.3	1.2	1.2	9.1	8.9	8.9	1.6	1.6	1.6	7.2	7.1	7.1	6.1	5.4	5.4	24
2.1	2.0	2.0	13.0	12.6	12.5	2.1	2.1	2.1	8.8	8.8	8.8	5.1	4.9	4.9	25
7.1	7.1	7.0	30.4	31.2	31.1	4.6	4.6	4.6	25.3	25.1	25.2	13.1	12.5	12.6	28
10.8	10.6	10.5	41.2	41.1	40.6	10.5	10.4	10.4	28.7	28.5	28.5	18.4	17.5	17.6	27
14.3	14.1	14.1	50.3	50.4	50.0	9.2	9.0	9.0	37.2	36.8	37.6	32.3	30.9	31.1	28
30.7	30.0	29.9	129.7	131.1	129.0	38.2	38.2	38.0	95.4	96.8	97.1	90.1	86.4	86.3	29
1.5	1.4	1.4	10.9	11.1	11.0	2.5	2.5	2.5	9.3	9.4	9.4	20.8	19.6	20.3	30
2.0	2.0	2.0	11.9	12.1	11.9	1.5	1.5	1.5	8.1	8.2	8.2	11.6	11.1	11.3	31
4.6	4.5	4.4	25.9	25.0	24.6	5.3	5.2	5.2	23.7	23.6	23.5	12.9	12.5	12.8	32
3.5	3.3	3.2	15.5	14.2	13.9	2.1	1.9	1.9	9.4	9.4	9.3	12.6	12.0	12.2	33
54.1	51.6	51.5	268.1	264.9	261.9	58.3	58.9	58.7	208.3	209.3	209.5	210.2	207.6	212.4	34
3.8	3.7	3.7	19.1	18.3	18.0	4.3	4.2	4.2	15.5	15.8	15.6	9.3	9.0	9.0	35
11.0	10.9	10.9	45.2	45.3	44.7	21.7	22.5	22.6	39.5	39.3	39.5	28.4	27.1	27.2	36
1.6	1.6	1.5	9.0	8.9	8.8	1.3	1.3	1.3	10.4	10.7	10.8	3.9	3.5	3.7	37
3.8	3.8	3.7	12.5	12.7	12.7	2.8	2.7	2.7	12.0	12.4	12.4	6.2	6.3	6.3	38
2.3	2.3	2.3	13.4	13.2	13.1	2.1	2.0	2.0	10.7	10.8	10.8	11.2	10.5	10.8	39
62.1	61.2	61.6	221.4	227.4	223.0	47.4	47.3	47.2	170.1	174.9	175.6	192.0	186.4	190.8	40
1.4	1.4	1.4	5.5	5.5	5.6	.8	.8	.8	3.7	4.1	4.1	11.3	10.8	11.2	41
8.1	7.9	7.9	18.2	18.4	18.1	5.9	5.9	6.0	17.4	17.7	17.9	22.3	21.5	22.0	42
10.3	10.2	10.2	44.8	46.2	45.4	9.5	9.5	9.5	39.0	40.0	40.2	24.6	22.6	23.0	43
66.7	65.6	65.3	253.2	256.1	248.7	52.2	51.1	51.6	210.9	214.2	213.7	231.8	228.4	230.7	44
7.5	7.5	(*)	32.3	33.0	(*)	7.6	7.2	(*)	26.7	29.6	(*)	33.4	32.5	(*)	45
23.6	22.9	22.7	85.5	86.0	85.4	24.0	23.5	23.8	75.7	75.8	76.4	60.8	54.9	55.3	46
2.3	2.3	2.3	7.0	6.4	6.3	1.2	1.3	1.3	6.0	5.4	5.5	4.8	4.7	4.7	47
130.1	130.5	131.5	356.6	372.4	370.3	75.8	75.5	75.6	280.7	292.7	294.4	307.2	307.7	310.7	48
2.4	2.3	2.3	11.2	11.8	11.7	2.9	2.9	2.9	11.0	11.4	11.4	16.0	16.0	16.1	49
10.4	11.0	11.1	44.7	47.6	47.2	11.9	12.3	12.4	34.3	36.8	37.0	49.1	47.6	49.3	50
6.3	7.0	7.1	22.0	24.4	24.2	2.8	3.3	3.3	16.0	17.6	17.8	10.6	10.6	10.8	51
4.4	4.3	4.4	14.4	15.4	15.4	2.9	3.0	3.0	10.5	11.4	11.3	11.4	11.5	11.3	52
2.7	2.6	2.6	13.1	12.6	12.5	3.8	3.8	3.8	8.6	8.5	8.5	11.2	10.9	10.8	53
55.6	55.3	55.5	126.9	130.7	130.1	30.5	31.2	31.3	116.0	116.1	116.8	82.4	81.5	81.4	54
9.2	9.0	9.0	34.8	35.3	35.1	7.1	6.9	6.9	28.2	30.2	30.5	26.1	25.6	25.9	55
17.9	17.8	17.9	82.4	85.1	83.5	16.5	17.3	17.2	76.5	76.1	76.7	85.5	81.4	84.3	56
1.2	1.2	1.2	7.7	7.7	7.6	1.6	1.7	1.8	7.5	7.6	7.6	3.2	3.0	2.9	57
5.4	5.5	5.4	23.1	24.9	24.7	7.3	7.7	7.7	19.3	20.9	20.9	13.2	12.3	13.1	58
85.4	84.7	84.1	393.0	403.2	398.8	91.4	92.7	92.4	364.8	369.7	371.3	434.2	408.5	414.5	59
57.8	56.5	56.0	214.6	222.3	220.5	56.9	57.4	57.4	194.3	198.5	199.7	227.6	216.0	217.7	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1	MASSACHUSETTS	2,616.1	(*)	(*)	(1)	(*)	(*)	65.0	(*)	(*)	665.0	(*)	(*)
2	Boston	1,461.5	(*)	(*)	(1)	(*)	(*)	37.0	(*)	(*)	291.9	(*)	(*)
3	Brockton	56.6	(*)	(*)	(1)	(*)	(*)	1.2	(*)	(*)	12.5	(*)	(*)
4	Fall River	53.5	(*)	(*)	(1)	(*)	(*)	2.8	(*)	(*)	20.4	(*)	(*)
5	Lawrence—Haverhill	114.2	(*)	(*)	(1)	(*)	(*)	2.3	(*)	(*)	46.5	(*)	(*)
6	Lowell	78.0	(*)	(*)	(1)	(*)	(*)	2.2	(*)	(*)	28.9	(*)	(*)
7	New Bedford	63.3	(*)	(*)	(1)	(*)	(*)	1.1	(*)	(*)	25.7	(*)	(*)
8	Springfield—Chicopee—Holyoke	234.0	(*)	(*)	(1)	(*)	(*)	5.1	(*)	(*)	63.0	(*)	(*)
9	Worcester	163.8	(*)	(*)	(1)	(*)	(*)	4.3	(*)	(*)	47.7	(*)	(*)
10	MICHIGAN <sup>3</sup>	3,351.9	3,214.5	3,218.2	11.6	11.3	11.1	92.8	82.4	78.2	978.7	894.8	897.6
11	Ann Arbor <sup>3</sup>	139.1	131.9	133.9	(1)	(1)	(1)	2.3	1.8	1.8	38.3	35.4	34.9
12	Battle Creek <sup>3</sup>	61.8	61.0	60.0	(1)	(1)	(1)	1.2	1.1	1.1	19.5	18.9	18.3
13	Bay City <sup>3</sup>	34.1	33.7	33.8	(1)	(1)	(1)	.9	1.0	1.0	9.1	8.6	8.4
14	Detroit <sup>3</sup>	1,622.4	1,550.1	1,542.5	1.0	.8	.8	42.3	38.6	36.6	470.6	422.0	424.6
15	Flint <sup>3</sup>	189.3	180.2	175.2	(1)	(1)	(1)	4.3	5.0	4.2	74.3	67.5	63.7
16	Grand Rapids <sup>3</sup>	264.6	261.0	261.9	(1)	(1)	(1)	9.4	8.9	8.7	88.6	86.2	86.3
17	Jackson <sup>3</sup>	50.5	49.1	49.0	(1)	(1)	(1)	1.0	1.0	.8	14.1	13.6	13.6
18	Kalamazoo—Portage <sup>3</sup>	109.2	107.2	107.4	(1)	(1)	(1)	3.7	3.5	3.4	31.9	30.7	30.4
19	Lansing—East Lansing <sup>3</sup>	191.1	186.4	189.2	(1)	(1)	(1)	4.7	3.2	2.8	38.7	36.3	39.2
20	Muskegon—Norton Shores—Muskegon Hts. <sup>3</sup>	58.0	57.2	57.5	(1)	(1)	(1)	1.7	1.7	1.6	19.7	19.1	19.4
21	Saginaw <sup>3</sup>	84.7	80.2	79.4	(1)	(1)	(1)	2.2	1.9	1.9	30.2	25.9	25.0
22	MINNESOTA <sup>3</sup>	1,728.7	1,710.1	1,709.8	14.8	13.4	12.8	55.8	55.2	52.4	354.9	346.0	345.1
23	Duluth—Superior <sup>3</sup>	57.8	55.8	55.4	(1)	(1)	(1)	1.6	1.3	1.1	7.2	7.0	7.0
24	Minneapolis—St. Paul <sup>3</sup>	1,079.5	1,067.8	1,071.0	(1)	(1)	(1)	35.5	32.0	30.7	239.1	236.3	237.6
25	Rochester <sup>3</sup>	49.8	50.6	50.4	(2)	(2)	(2)	1.4	1.4	1.4	10.0	10.1	10.0
26	St. Cloud <sup>3</sup>	54.3	53.8	53.6	(1)	(1)	(1)	2.4	2.2	2.0	11.8	11.3	11.2
27	MISSISSIPPI	813.7	806.9	808.6	11.6	12.8	12.9	39.0	39.7	40.2	218.8	213.1	212.4
28	Jackson	146.4	145.6	146.3	1.8	2.1	2.1	6.3	5.0	5.4	18.8	17.9	18.3
29	MISSOURI	1,925.5	1,922.3	1,919.7	6.8	6.9	6.7	71.9	72.6	71.7	419.2	416.1	414.9
30	Kansas City	610.2	598.8	598.6	.5	.5	.5	21.1	18.0	18.1	111.5	111.4	111.6
31	St. Joseph	36.8	34.8	35.1	(2)	(2)	(2)	1.6	1.4	1.5	9.2	7.9	8.1
32	St. Louis	982.4	965.9	959.3	3.3	3.4	3.3	40.0	35.9	35.0	232.8	224.3	222.9
33	Springfield	85.3	84.1	85.0	(2)	(2)	(2)	2.8	2.5	2.5	17.4	17.8	17.6
34	MONTANA	273.1	289.8	290.5	10.5	11.7	11.8	9.9	13.0	13.0	22.7	23.1	22.7
35	Billings	46.3	48.7	48.8	(1)	(1)	(1)	1.6	2.3	2.3	4.2	4.3	4.3
36	Great Falls	28.3	29.9	30.2	(1)	(1)	(1)	1.0	1.2	1.4	1.3	1.5	1.5
37	NEBRASKA	611.7	609.4	609.3	1.4	1.4	1.4	23.9	20.7	20.1	94.2	91.6	91.3
38	Lincoln	99.2	96.6	97.7	(2)	(2)	(2)	3.2	2.6	2.5	13.0	12.6	12.7
39	Omaha	260.0	257.8	257.6	(2)	(2)	(2)	9.0	7.7	7.5	35.2	34.6	34.6
40	NEVADA	401.3	410.2	412.5	7.6	7.7	7.6	25.3	22.9	22.8	19.4	20.6	20.7
41	Las Vegas	224.7	229.7	231.1	.5	.6	.6	14.2	13.9	13.8	7.0	7.6	7.6
42	Reno	111.9	114.0	114.8	.9	.7	.7	6.5	5.4	5.5	8.2	8.4	8.5
43	NEW HAMPSHIRE	(*)	388.6	386.5	(2)	(2)	(2)	(*)	20.2	19.7	(*)	114.1	113.0
44	Manchester	(*)	74.2	74.2	(*)	(2)	(2)	(*)	2.6	2.5	(*)	16.7	16.9
45	Nashua	(*)	67.0	66.8	(*)	(2)	(2)	(*)	2.4	2.4	(*)	30.5	30.3
46	NEW JERSEY	(*)	3,028.4	3,027.9	(*)	2.2	2.2	(*)	102.3	99.6	(*)	746.0	745.0
47	Atlantic City	(*)	97.2	96.7	-	-	-	(*)	5.1	5.0	(*)	7.1	7.2
48	Camden	(*)	340.8	339.2	(*)	.1	.1	(*)	11.9	11.2	(*)	69.2	69.0
49	Hackensack	(*)	393.7	391.1	(*)	(1)	(1)	(*)	13.7	12.1	(*)	107.4	106.8
50	Jersey City	(*)	220.6	220.4	-	-	-	(*)	4.9	4.7	(*)	64.4	64.3
51	Long Branch—Asbury Park	(*)	165.1	164.8	(*)	(1)	(1)	(*)	6.5	6.3	(*)	24.8	24.9
52	New Bruns.—Perth Amboy—Sayreville	(*)	285.6	286.9	(*)	(1)	(1)	(*)	10.5	10.0	(*)	86.4	87.1
53	Newark	(*)	934.8	931.4	(*)	.9	.9	(*)	29.5	27.8	(*)	239.5	237.8
54	Paterson—Clifton—Passaic	(*)	185.9	185.8	(*)	(1)	(1)	(*)	5.8	5.7	(*)	65.3	65.5
55	Trenton	(*)	160.2	159.3	(*)	(1)	(1)	(*)	3.2	3.0	(*)	32.0	31.4
56	Vineland—Millville—Bridgeton	(*)	52.0	52.0	(*)	(1)	(1)	(*)	1.8	1.8	(*)	16.6	16.7
57	NEW MEXICO	467.1	470.9	471.7	30.3	31.0	30.7	31.1	30.6	30.2	33.6	33.2	33.0
58	Albuquerque	185.8	186.7	186.6	(1)	(1)	(1)	11.4	10.9	11.0	17.4	17.1	17.0
59	Las Cruces	29.8	30.8	30.7	-	-	-	1.7	1.7	1.7	2.5	2.6	2.6
60	NEW YORK	7,142.6	7,183.0	7,200.9	5.4	5.6	5.4	178.3	187.9	182.3	1,416.4	1,386.7	1,392.7
61	Albany—Schenectady—Troy	335.9	331.2	333.3	(1)	(1)	(1)	8.3	7.9	7.5	56.5	53.4	52.9
62	Binghamton	115.4	118.6	118.5	(1)	(1)	(1)	3.2	3.2	3.1	41.8	44.1	43.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
118.4	(*)	(*)	555.1	(*)	(*)	159.2	(*)	(*)	646.8	(*)	(*)	406.6	(*)	(*)	1
71.3	(*)	(*)	312.6	(*)	(*)	110.1	(*)	(*)	430.3	(*)	(*)	208.3	(*)	(*)	2
3.7	(*)	(*)	15.0	(*)	(*)	2.0	(*)	(*)	10.4	(*)	(*)	12.0	(*)	(*)	3
1.8	(*)	(*)	11.2	(*)	(*)	2.7	(*)	(*)	8.8	(*)	(*)	7.5	(*)	(*)	4
4.9	(*)	(*)	21.3	(*)	(*)	4.1	(*)	(*)	17.9	(*)	(*)	17.2	(*)	(*)	5
3.2	(*)	(*)	16.1	(*)	(*)	2.1	(*)	(*)	12.6	(*)	(*)	12.9	(*)	(*)	6
2.3	(*)	(*)	12.0	(*)	(*)	2.0	(*)	(*)	9.8	(*)	(*)	10.4	(*)	(*)	7
9.2	(*)	(*)	47.4	(*)	(*)	13.0	(*)	(*)	46.8	(*)	(*)	49.5	(*)	(*)	8
7.1	(*)	(*)	35.0	(*)	(*)	9.6	(*)	(*)	35.3	(*)	(*)	24.8	(*)	(*)	9
145.8	140.2	138.7	695.8	678.3	668.0	154.9	151.5	151.1	641.6	649.8	653.6	630.8	606.3	620.0	10
3.3	3.4	3.4	20.1	19.4	19.0	4.0	3.9	3.8	23.5	24.3	24.2	47.6	43.7	46.7	11
2.2	2.2	2.2	10.6	10.6	10.4	4.3	4.3	4.3	11.5	11.9	11.9	12.7	12.0	12.2	12
1.7	1.7	1.7	8.2	8.7	8.7	1.4	1.3	1.3	6.9	7.4	7.4	5.7	5.0	5.3	13
77.6	74.4	70.3	349.2	348.1	341.9	88.9	87.3	87.2	342.6	343.2	342.7	250.2	235.7	238.5	14
6.1	5.8	5.7	39.8	38.8	38.1	6.3	6.4	6.4	28.9	28.2	28.3	29.7	28.5	28.8	15
11.1	11.0	11.0	61.7	63.5	63.0	11.0	10.8	10.9	50.6	50.1	51.1	32.2	30.5	31.2	16
5.0	5.1	5.1	13.2	10.0	9.8	1.6	1.6	1.6	9.6	9.7	9.4	9.0	8.1	8.7	17
4.0	4.3	4.3	22.1	21.7	21.6	3.9	4.0	4.0	22.1	22.3	22.4	21.5	20.6	21.3	18
5.5	5.6	5.6	34.6	35.1	34.9	9.3	9.3	9.2	29.8	30.0	30.5	68.7	66.9	66.9	19
3.1	3.1	3.1	11.0	11.4	11.2	1.4	1.4	1.4	10.2	10.1	10.1	11.0	10.6	10.7	20
4.9	4.9	4.9	17.6	18.3	18.1	4.1	4.0	3.9	13.9	14.4	14.5	12.1	10.8	11.0	21
97.4	95.4	95.2	425.9	427.5	423.8	96.2	98.1	97.9	373.8	377.7	379.5	310.0	296.8	303.0	22
5.7	5.2	5.0	15.2	14.8	14.6	2.4	2.2	2.2	13.4	13.4	13.3	12.3	11.9	12.0	23
62.6	61.4	61.2	263.9	266.2	264.1	71.4	73.1	73.0	244.0	242.6	244.8	162.9	156.1	159.7	24
1.9	1.9	1.9	9.6	10.4	10.2	1.5	1.5	1.5	19.4	20.0	20.0	6.0	5.2	5.3	25
3.4	3.3	3.3	13.0	13.4	13.1	2.0	1.9	1.9	9.7	10.4	10.4	11.9	11.4	11.6	26
39.6	40.4	40.3	158.3	161.4	160.7	32.4	33.0	32.9	120.0	121.0	121.2	194.1	185.4	187.9	27
9.9	10.0	10.0	34.2	34.7	34.6	11.1	11.1	11.1	29.4	30.1	30.2	34.9	34.7	34.8	28
136.7	135.2	135.6	450.1	457.0	452.0	106.8	108.0	107.9	390.1	398.9	400.3	343.9	327.6	330.7	29
51.9	50.1	50.1	157.3	155.4	153.4	43.8	44.1	44.0	127.4	128.8	129.0	96.2	90.5	91.9	30
2.2	2.1	2.1	8.9	8.7	8.6	1.8	2.0	2.0	6.7	6.6	6.6	6.4	6.1	6.3	31
71.8	69.7	69.3	222.1	224.9	221.0	56.6	56.6	56.4	217.0	219.2	218.1	138.7	131.9	133.3	32
7.0	7.1	7.1	22.9	22.6	22.6	3.5	3.6	3.5	19.3	19.2	19.6	12.4	11.3	12.1	33
22.0	23.1	23.4	69.4	76.3	76.2	12.7	12.5	12.4	55.2	57.9	57.5	70.6	72.2	73.4	34
4.3	4.5	4.5	15.2	16.1	16.1	2.4	2.5	2.5	11.0	11.6	11.6	7.7	7.4	7.5	35
1.9	2.1	2.1	9.0	10.1	10.0	2.1	2.2	2.2	7.1	7.3	7.1	6.0	5.7	5.9	36
46.8	44.6	43.9	157.2	159.9	159.2	40.7	41.4	41.2	116.7	119.5	120.3	130.7	130.3	132.2	37
7.2	6.7	6.6	21.9	22.8	22.5	6.8	7.0	7.0	17.4	17.1	17.3	29.6	27.8	29.1	38
23.9	23.8	23.3	65.5	65.5	65.2	24.8	24.0	23.9	58.8	59.1	59.8	42.6	43.1	43.3	39
24.4	25.3	25.4	81.1	85.9	85.1	17.9	18.2	18.2	167.9	173.1	174.3	57.7	56.5	58.4	40
13.6	14.0	14.1	47.3	49.2	48.8	10.3	10.4	10.5	105.2	107.4	108.2	26.6	26.6	27.5	41
8.1	8.2	8.2	24.3	26.2	25.9	5.9	6.0	6.0	41.4	43.4	43.5	16.6	15.7	16.5	42
(*)	14.4	14.3	(*)	86.9	85.9	(*)	20.6	20.6	(*)	76.4	76.5	(*)	56.0	56.5	43
(*)	4.8	4.8	(*)	15.9	19.8	(*)	6.3	6.3	(*)	15.7	15.7	(*)	8.2	8.2	44
(*)	2.1	2.2	(*)	14.0	13.9	(*)	2.0	2.0	(*)	10.6	10.6	(*)	5.4	5.4	45
(*)	190.5	191.1	(*)	679.8	673.5	(*)	162.2	161.3	(*)	626.0	628.4	(*)	519.4	526.8	46
(*)	3.9	3.9	(*)	16.9	16.6	(*)	4.7	4.7	(*)	43.4	43.2	(*)	16.1	16.1	47
(*)	15.0	15.1	(*)	88.8	87.8	(*)	17.1	16.9	(*)	72.2	72.3	(*)	66.5	66.8	48
(*)	20.3	20.3	(*)	115.4	112.7	(*)	17.9	17.9	(*)	77.6	77.8	(*)	41.4	42.5	49
(*)	24.1	24.4	(*)	44.9	44.5	(*)	8.5	8.5	(*)	32.5	32.8	(*)	41.3	41.2	50
(*)	6.8	6.7	(*)	40.3	39.8	(*)	7.8	7.8	(*)	42.8	43.0	(*)	36.1	36.3	51
(*)	23.4	23.7	(*)	66.8	67.0	(*)	11.6	11.6	(*)	43.3	43.6	(*)	43.6	43.9	52
(*)	74.5	74.5	(*)	181.0	178.9	(*)	65.9	65.4	(*)	200.2	200.1	(*)	143.3	146.0	53
(*)	6.1	6.3	(*)	39.5	39.3	(*)	9.0	8.9	(*)	33.9	34.0	(*)	26.3	26.1	54
(*)	5.3	5.3	(*)	24.3	23.9	(*)	8.5	8.5	(*)	41.7	41.7	(*)	45.2	45.5	55
(*)	3.1	3.1	(*)	8.8	8.7	(*)	2.5	2.5	(*)	8.6	8.6	(*)	10.6	10.6	56
28.8	26.8	28.9	101.6	108.0	106.7	21.0	21.7	21.7	92.6	92.8	93.4	128.1	124.8	127.1	57
11.9	11.5	11.5	46.2	48.5	48.0	10.7	10.9	10.8	44.3	46.1	46.3	43.9	41.7	42.0	58
1.2	1.2	1.2	5.2	5.7	5.6	1.2	1.2	1.2	4.1	4.2	4.2	13.9	14.2	14.2	59
426.5	422.9	423.5	1,424.1	1,440.0	1,431.5	641.9	659.1	658.8	1,742.1	1,785.5	1,799.5	1,307.9	1,295.3	1,307.1	60
15.2	15.2	15.2	66.8	67.1	67.4	15.7	15.9	15.8	72.5	73.6	74.2	100.9	98.0	100.3	61
4.6	4.6	4.6	20.7	20.9	20.8	4.1	4.2	4.2	17.9	19.7	19.8	23.2	21.8	22.4	62

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>NEW YORK—Continued</b>												
1 Buffalo	488.8	475.7	474.5	(1)	(1)	(1)	12.1	12.2	11.7	129.4	121.2	113.5
2 Elmira	36.2	35.7	35.5	(1)	(1)	(1)	.7	.7	.7	11.0	10.7	10.5
3 Monroe County	338.0	341.4	342.0	(1)	(1)	(1)	7.9	8.4	8.3	136.2	138.6	137.6
4 Nassau—Suffolk	899.9	903.7	901.6	(1)	(1)	(1)	29.5	30.8	29.9	166.4	165.7	165.6
5 New York—Northeastern New Jersey	6,652.7	(*)	(*)	2.8	(*)	(*)	182.5	(*)	(*)	1,321.6	(*)	(*)
6 New York and Nassau—Suffolk	4,647.4	4,685.4	4,694.8	1.9	1.9	1.9	121.5	127.7	125.4	739.6	715.2	727.1
7 New York SMSA	3,747.5	3,781.7	3,793.2	1.6	1.7	1.7	91.9	96.9	95.5	573.2	546.5	551.5
8 New York City	3,307.9	3,340.4	3,347.6	1.5	1.4	1.4	76.7	79.2	78.2	482.5	462.9	471.2
9 Poughkeepsie	97.5	100.2	101.1	(1)	(1)	(1)	2.0	2.5	2.6	21.9	33.1	33.1
10 Rochester	412.0	416.5	416.6	(1)	(1)	(1)	9.2	9.9	9.8	155.0	158.3	156.5
11 Rockland County	79.3	81.2	81.0	(1)	(1)	(1)	2.1	2.5	2.4	15.1	15.6	15.5
12 Syracuse	256.4	252.4	253.9	(1)	(1)	(1)	7.6	8.5	7.8	58.9	57.8	57.3
13 Utica—Rome	110.8	112.3	111.8	(1)	(1)	(1)	2.0	2.0	1.9	28.7	29.3	29.0
14 Westchester County	348.2	347.8	352.3	(1)	(1)	(1)	12.6	14.5	14.4	74.2	69.8	73.5
15 <b>NORTH CAROLINA</b>	2,369.6	2,337.7	2,343.2	4.9	4.6	4.7	108.0	99.3	102.9	814.5	791.2	788.7
16 Asheville	70.1	69.6	69.5	(1)	(1)	(1)	2.8	2.7	2.8	21.6	21.2	21.0
17 Charlotte—Gastonia	337.5	333.6	334.4	(1)	(1)	(1)	17.4	17.1	17.8	94.1	92.4	92.3
18 Greensboro—Winston-Salem—High Pt	387.6	385.7	386.0	(1)	(1)	(1)	15.6	15.1	15.6	149.3	146.5	146.3
19 Raleigh—Durham	278.2	273.5	276.3	(1)	(1)	(1)	13.0	12.0	12.2	45.3	45.1	44.9
20 <b>NORTH DAKOTA</b>	238.7	244.6	245.5	9.2	11.8	11.8	10.9	11.0	10.6	14.6	15.0	15.6
21 Fargo—Moorhead	60.7	61.3	61.9	(2)	(2)	(2)	2.3	2.3	2.2	4.7	4.5	5.0
22 <b>OHIO</b>	4,251.3	4,190.3	4,176.0	30.4	31.8	31.7	131.7	126.5	122.5	1,225.8	1,167.1	1,151.3
23 Akron	254.6	252.2	252.5	(*)	(*)	(*)	5.9	6.0	5.7	75.8	73.0	72.7
24 Canton	154.3	152.9	152.6	(*)	(*)	(*)	4.1	4.3	4.0	54.8	52.7	52.8
25 Cincinnati	586.1	576.7	575.8	(*)	(*)	(*)	20.2	19.0	19.1	158.1	151.9	149.5
26 Cleveland	867.1	856.1	854.6	(*)	(*)	(*)	23.8	23.8	23.4	247.1	238.0	237.3
27 Columbus	501.2	499.9	499.8	(*)	(*)	(*)	15.4	14.7	14.2	94.0	91.0	90.5
28 Dayton	349.3	349.0	345.8	(*)	(*)	(*)	10.8	9.3	8.9	96.4	95.7	93.0
29 Toledo	283.1	281.9	282.0	(*)	(*)	(*)	9.8	9.5	9.0	71.4	68.5	68.1
30 Youngstown—Warren	194.2	191.8	185.3	(*)	(*)	(*)	5.5	5.3	5.1	65.4	63.6	56.3
31 <b>OKLAHOMA</b>	1,161.7	1,203.6	1,201.6	87.9	104.1	103.0	50.7	49.6	48.9	194.7	196.2	193.5
32 Enid	(*)	26.3	27.0	(*)	2.8	3.3	(*)	1.3	1.2	(*)	2.8	3.1
33 Lawton	(*)	29.5	29.7	(*)	(1)	(1)	(*)	1.3	1.3	(*)	3.0	3.0
34 Oklahoma City	408.7	426.3	425.8	24.4	29.0	29.1	18.7	19.8	19.2	55.5	54.8	52.4
35 Tulsa	312.1	325.9	325.8	25.0	27.9	28.3	14.8	15.0	14.8	65.8	68.9	68.9
36 <b>OREGON</b> <sup>3</sup>	1,007.0	970.8	972.3	1.8	1.7	1.8	36.7	29.9	30.5	194.6	189.1	187.9
37 Eugene—Springfield <sup>3</sup>	100.6	96.2	95.8	(1)	(1)	(1)	4.0	3.1	3.1	18.7	16.7	16.4
38 Jackson County	-	-	-	-	-	-	-	-	-	6.8	5.6	-
39 Portland <sup>3</sup>	531.6	527.2	527.4	(1)	(1)	(1)	20.4	18.5	19.2	100.9	102.3	101.7
40 Salem	84.6	81.3	(*)	(1)	(1)	(*)	3.8	3.3	(*)	11.3	10.8	(*)
41 <b>PENNSYLVANIA</b>	4,662.2	4,577.2	4,572.9	46.6	47.2	46.7	154.7	153.5	148.4	1,292.2	1,241.4	1,228.3
42 Allentown—Bethlehem—Easton	260.2	255.8	253.9	(1)	(1)	(1)	7.2	7.0	6.5	104.1	99.8	98.5
43 Altoona	48.2	47.3	46.9	(1)	(1)	(1)	1.5	2.0	1.9	11.9	11.4	11.4
44 Delaware Valley	1,575.8	1,546.1	1,545.8	(1)	(1)	(1)	55.9	53.6	51.8	359.9	347.0	345.1
45 Erie	109.7	107.3	106.5	(1)	(1)	(1)	2.4	2.9	2.7	40.7	40.4	40.0
46 Harrisburg	221.2	222.3	223.5	(1)	(1)	(1)	6.9	6.2	6.2	41.5	41.2	40.7
47 Johnstown	82.1	79.2	78.6	8.0	9.1	8.0	2.2	1.9	1.8	17.7	15.5	15.1
48 Lancaster	149.9	149.2	149.5	(1)	(1)	(1)	6.0	5.5	5.4	58.0	58.0	57.1
49 Northeast Pennsylvania	234.9	231.8	231.5	1.1	1.1	1.1	9.0	9.6	9.2	68.1	66.4	66.4
50 Philadelphia SMSA	1,909.5	1,887.1	1,885.4	(1)	(1)	(1)	67.1	65.3	63.0	429.5	416.4	414.3
51 Philadelphia City	781.6	758.8	759.6	(1)	(1)	(1)	19.1	17.9	17.4	129.0	125.4	124.8
52 Pittsburgh	923.0	903.5	896.8	9.8	9.6	9.5	26.7	27.5	26.9	238.1	219.4	215.2
53 Reading	137.3	137.1	136.9	(1)	(1)	(1)	4.1	4.0	4.0	52.9	52.6	52.1
54 Scranton <sup>12</sup>	84.9	(*)	(*)	(1)	(*)	(*)	1.6	(*)	(*)	26.9	(*)	(*)
55 Wilkes-Barre—Hazleton <sup>13</sup>	121.0	(*)	(*)	1.0	(*)	(*)	6.3	(*)	(*)	36.5	(*)	(*)
56 Williamsport	45.8	45.7	45.6	(1)	(1)	(1)	1.0	.9	.8	15.7	15.9	15.9
57 York	153.1	153.1	(*)	(1)	(1)	(*)	6.0	5.9	(*)	62.8	63.7	(*)
58 <b>RHODE ISLAND</b>	392.7	388.1	387.2	(1)	(1)	(1)	9.5	9.9	9.6	126.8	119.9	113.8
59 Providence—Warwick—Pawtucket	400.0	394.4	393.3	(1)	(1)	(1)	9.5	9.9	9.6	139.5	132.7	131.4
60 <b>SOUTH CAROLINA</b>	1,186.9	1,172.9	1,176.0	(1)	(1)	(1)	70.0	64.3	65.0	387.4	376.4	371.5
61 Charleston—North Charleston	149.9	149.6	150.4	(1)	(1)	(1)	10.4	9.5	9.7	20.1	20.1	19.6
62 Columbia	181.2	178.7	179.7	(1)	(1)	(1)	8.5	8.3	8.5	27.2	26.6	26.2
63 Greenville—Spartanburg	266.8	266.6	(*)	(1)	(1)	(*)	15.8	15.9	(*)	102.0	100.2	(*)

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government		
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
26.0	25.2	24.8	107.7	106.9	105.8	22.1	22.3	22.3	104.3	105.1	106.4	87.2	82.8	83.9
1.3	1.3	1.3	9.4	8.6	8.6	1.1	1.2	1.2	7.1	7.1	7.1	6.5	6.2	6.2
10.2	10.2	10.2	58.2	59.9	59.5	13.9	14.4	14.3	70.0	70.4	71.6	41.5	39.4	40.4
39.6	41.3	41.5	229.6	232.9	230.6	52.4	52.6	52.7	204.9	210.4	209.5	177.5	170.0	171.8
469.4	(*)	(*)	1,374.4	(*)	(*)	622.1	(*)	(*)	1,590.5	(*)	(*)	1,079.4	(*)	(*)
318.1	314.8	315.3	934.1	941.6	935.1	537.9	553.0	552.7	1,231.2	1,271.4	1,274.4	763.2	759.7	763.0
278.5	273.5	273.7	704.5	708.6	704.5	485.5	500.5	500.0	1,026.5	1,061.3	1,065.4	585.7	589.7	591.1
255.6	250.1	250.4	602.8	605.6	601.7	463.4	477.9	477.5	919.3	952.1	955.0	506.2	511.1	512.1
2.7	2.9	2.9	16.0	16.2	16.2	2.8	2.8	2.9	18.6	18.9	19.3	23.5	23.7	24.1
12.7	12.5	12.5	74.6	77.4	76.7	15.4	15.9	15.8	82.0	82.1	83.5	63.0	60.4	61.8
3.3	3.4	3.4	17.3	17.5	17.4	2.6	2.7	2.7	18.0	18.2	18.2	21.0	21.2	21.5
14.7	14.1	14.1	54.9	55.5	55.0	16.1	16.2	16.3	55.0	52.1	54.7	49.7	48.1	48.7
3.9	3.9	3.9	21.7	22.2	21.8	5.4	5.5	5.5	20.6	20.9	20.9	28.6	28.6	28.9
19.1	19.4	19.3	81.5	82.6	82.4	19.0	19.4	19.3	86.5	88.1	89.0	55.3	54.1	54.3
115.3	115.4	115.6	464.7	466.1	461.8	96.5	98.1	98.3	343.8	350.9	352.7	421.9	412.1	418.5
3.7	3.6	3.6	15.0	15.4	15.3	2.3	2.5	2.5	12.8	12.1	12.2	11.9	12.1	12.1
31.2	31.0	31.2	82.2	80.3	79.7	21.2	21.5	21.5	53.2	54.3	54.1	38.2	37.0	37.8
20.9	21.0	21.1	76.6	77.1	76.0	18.4	18.7	18.7	59.0	60.4	60.9	47.8	46.9	47.4
13.2	13.7	13.7	52.8	52.7	52.3	15.6	16.0	15.9	61.3	59.8	60.5	77.0	74.2	76.8
16.9	16.9	17.0	63.5	65.1	64.6	11.5	11.8	11.8	50.6	52.5	52.8	61.5	60.5	61.3
4.0	3.8	3.8	18.1	18.5	18.4	3.6	3.9	3.9	14.2	14.8	14.8	13.6	13.5	13.8
213.6	213.4	212.8	917.0	920.9	909.5	202.8	204.5	204.5	831.3	849.7	858.2	698.6	676.4	685.6
13.7	13.5	13.6	55.2	56.6	55.7	9.1	9.1	9.1	49.9	51.3	51.5	44.4	42.2	43.7
7.0	7.0	7.0	31.9	32.6	32.1	6.3	6.3	6.3	29.4	29.6	29.8	19.5	19.0	19.1
32.8	32.8	32.8	136.5	136.5	135.1	32.2	31.9	31.8	119.6	120.8	121.8	86.5	83.5	85.5
43.2	44.1	43.4	195.6	194.3	191.7	47.5	47.6	47.5	187.3	190.2	192.3	121.2	116.8	117.7
23.9	23.6	23.7	116.5	119.2	117.4	38.6	40.2	40.4	105.6	107.8	108.5	106.6	102.7	104.2
13.0	13.0	13.0	71.0	71.8	70.7	13.3	13.7	13.7	73.9	75.2	75.7	70.7	70.0	70.5
18.6	18.7	18.8	63.8	64.4	63.6	10.6	10.5	10.5	60.7	64.0	64.2	47.7	45.8	46.4
9.0	8.9	8.9	42.4	42.6	42.2	7.0	7.1	7.2	38.0	38.3	38.6	26.2	25.2	25.8
68.3	67.2	67.6	265.2	281.2	278.1	57.1	58.9	58.9	196.8	203.9	206.2	241.0	242.5	244.5
(*)	2.7	2.7	(*)	7.2	7.1	(*)	1.2	1.2	(*)	4.5	4.6	(*)	3.8	3.8
(*)	1.4	1.4	(*)	7.2	7.3	(*)	1.2	1.2	(*)	4.7	4.7	(*)	10.7	10.8
23.7	24.1	24.3	99.3	105.5	105.1	25.4	26.6	26.8	70.7	74.0	75.2	91.0	92.5	93.7
23.6	23.7	23.6	71.2	74.2	73.5	15.3	16.0	15.7	62.1	64.9	65.5	34.3	35.3	35.6
59.0	57.4	56.9	247.0	242.1	240.1	68.6	65.3	65.3	191.7	184.7	186.1	207.6	200.6	203.7
5.2	4.7	4.7	24.9	24.4	24.0	5.2	5.4	5.3	19.7	19.0	19.1	22.9	22.9	23.2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35.6	36.3	35.8	137.9	137.3	136.8	45.1	44.5	44.5	110.6	108.5	108.8	81.1	79.8	80.6
2.8	2.7	(*)	18.9	18.3	(*)	5.4	5.5	(*)	14.9	14.9	(*)	27.5	25.8	(*)
258.1	247.3	247.4	963.0	964.8	959.6	237.6	239.4	239.0	979.6	992.5	1,002.0	730.4	691.1	701.0
13.6	13.7	13.8	51.3	51.0	50.7	9.5	9.5	9.5	44.7	45.4	45.5	29.8	29.4	29.4
6.8	5.5	5.3	10.4	10.5	10.3	1.5	1.5	1.5	8.5	8.6	8.6	7.6	7.7	7.6
81.7	78.5	78.4	327.7	326.0	322.1	110.1	112.1	112.3	400.7	403.0	408.9	239.8	225.9	227.2
5.0	4.8	4.8	21.1	20.8	20.6	4.9	4.8	4.8	21.8	22.3	22.4	13.8	10.9	11.2
17.1	16.1	16.2	44.7	45.1	45.1	12.8	12.9	13.0	38.9	40.7	41.1	59.3	60.1	61.2
5.1	4.8	4.8	15.1	15.1	14.8	3.9	3.9	4.0	15.4	15.6	15.4	14.7	14.3	14.7
6.1	5.9	6.0	32.4	32.2	32.1	5.6	6.1	6.1	25.9	27.1	27.4	15.9	14.4	15.4
12.8	12.4	12.5	49.2	48.6	47.2	9.7	10.0	10.0	45.8	46.8	47.1	39.2	36.9	38.0
96.4	93.6	93.6	412.4	414.9	410.0	127.2	129.2	129.2	469.6	475.2	481.3	307.3	292.5	294.0
51.7	49.4	49.4	143.9	141.6	140.6	66.5	66.0	66.0	222.7	218.6	222.7	148.1	139.9	138.7
54.9	53.0	52.5	205.0	204.4	204.3	46.0	45.8	45.6	213.7	217.0	217.8	118.8	114.8	115.0
6.3	6.6	6.5	27.3	27.7	27.3	6.2	6.5	6.4	23.2	23.5	23.7	17.3	16.2	16.9
3.9	(*)	(*)	18.6	(*)	(*)	3.6	(*)	(*)	18.4	(*)	(*)	11.9	(*)	(*)
7.1	(*)	(*)	25.6	(*)	(*)	5.2	(*)	(*)	19.9	(*)	(*)	10.4	(*)	(*)
2.3	2.3	2.3	9.7	9.7	9.6	2.1	2.2	2.2	8.1	8.3	8.3	6.9	6.4	6.5
7.1	7.4	(*)	33.1	32.5	(*)	3.7	4.0	(*)	21.6	21.9	(*)	17.8	17.7	(*)
12.7	12.9	13.0	78.4	78.7	77.9	20.7	20.9	21.0	85.9	87.7	89.1	58.7	58.1	57.8
12.7	12.8	12.9	79.0	78.7	77.9	20.6	20.8	20.9	82.6	84.0	85.4	56.1	55.5	55.2
53.5	53.8	53.9	221.7	229.3	228.6	47.4	49.5	50.0	157.8	164.4	167.3	243.8	235.0	239.7
9.0	8.6	9.1	31.7	32.6	32.3	6.2	6.4	6.4	25.0	25.9	26.1	47.5	46.5	47.2
9.6	9.5	9.5	37.5	37.0	37.1	14.0	14.4	14.5	28.6	27.8	28.2	55.8	55.0	55.7
9.9	9.6	(*)	52.9	55.5	(*)	9.6	10.2	(*)	37.9	39.1	(*)	37.5	36.1	(*)

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1 SOUTH DAKOTA	230.1	227.9	228.7	2.7	2.8	2.8	7.3	6.8	6.4	24.9	25.9	26.0
2 Rapid City	30.2	(*)	(*)	(2)	(*)	(*)	1.6	(*)	(*)	2.7	(*)	(*)
3 Sioux Falls	53.4	54.2	54.0	(2)	(2)	(2)	2.0	1.8	1.8	7.4	7.5	7.4
4 TENNESSEE	1,723.9	1,701.4	1,699.3	9.5	9.9	9.9	68.6	71.6	73.4	498.2	489.8	485.5
5 Chattanooga	169.4	167.3	166.8	1.1	1.1	1.1	5.7	5.7	5.6	49.3	47.8	47.7
6 Knoxville	201.5	200.6	203.0	1.6	1.4	1.5	8.9	8.9	9.7	51.6	49.3	49.2
7 Memphis	356.3	349.8	350.9	.2	.1	.2	13.8	13.3	13.4	59.3	56.1	56.5
8 Nashville—Davidson	(*)	352.7	352.6	(*)	(1)	(1)	(*)	14.8	15.1	(*)	80.5	80.6
9 TEXAS	6,000.7	6,243.9	6,280.3	269.7	307.6	311.2	411.2	429.0	436.7	1,089.9	1,102.1	1,105.6
10 Abilene	58.2	(*)	(*)	5.1	(*)	(*)	2.9	(*)	(*)	5.8	(*)	(*)
11 Amarillo	75.1	(*)	(*)	(1)	(*)	(*)	3.9	(*)	(*)	9.7	(*)	(*)
12 Austin	241.1	(*)	(*)	(1)	(*)	(*)	13.7	(*)	(*)	29.9	(*)	(*)
13 Beaumont—Port Arthur Orange	155.0	(*)	(*)	(1)	(*)	(*)	13.7	(*)	(*)	42.5	(*)	(*)
14 Corpus Christi	119.9	(*)	(*)	.2	(*)	(*)	11.8	(*)	(*)	16.2	(*)	(*)
15 Dallas—Fort Worth	1,482.5	1,522.8	1,533.3	28.4	31.5	31.5	79.9	77.3	78.9	328.1	326.0	326.5
16 El Paso	165.6	(*)	(*)	(1)	(*)	(*)	8.3	(*)	(*)	37.9	(*)	(*)
17 Galveston—Texas City	68.9	(*)	(*)	(1)	(*)	(*)	4.9	(*)	(*)	11.9	(*)	(*)
18 Houston	1,515.6	1,583.0	1,583.0	96.0	105.4	105.7	145.5	146.1	144.6	256.2	266.3	266.0
19 Longview—Marshall	67.4	(*)	(*)	(1)	(*)	(*)	4.2	(*)	(*)	18.8	(*)	(*)
20 Lubbock	89.4	(*)	(*)	(1)	(*)	(*)	3.9	(*)	(*)	12.2	(*)	(*)
21 Midland	47.5	(*)	(*)	12.3	(*)	(*)	3.3	(*)	(*)	4.6	(*)	(*)
22 Odessa	56.2	(*)	(*)	8.8	(*)	(*)	4.9	(*)	(*)	8.2	(*)	(*)
23 San Angelo	35.9	(*)	(*)	.9	(*)	(*)	2.2	(*)	(*)	6.3	(*)	(*)
24 San Antonio	406.7	411.0	411.7	2.9	3.5	3.6	26.6	25.9	26.1	51.3	52.0	51.6
25 Sherman—Denison	37.0	(*)	(*)	.3	(*)	(*)	1.5	(*)	(*)	13.3	(*)	(*)
26 Waco	71.4	(*)	(*)	(1)	(*)	(*)	3.3	(*)	(*)	16.5	(*)	(*)
27 Wichita Falls	53.8	(*)	(*)	3.5	(*)	(*)	2.3	(*)	(*)	10.4	(*)	(*)
28 UTAH	546.3	556.5	556.7	20.1	21.7	21.3	24.8	23.3	23.2	86.7	89.5	89.2
29 Salt Lake City—Ogden	385.6	391.3	391.5	7.9	8.1	8.0	16.9	15.6	15.3	59.6	61.4	61.2
30 VERMONT	200.5	200.1	200.4	.6	.5	.5	8.2	8.4	7.8	50.6	49.7	49.6
31 Burlington	58.1	58.7	58.4	-	-	-	-	-	-	15.3	15.9	15.8
32 Springfield	14.8	14.5	14.2	-	-	-	-	-	-	6.4	5.9	5.6
33 VIRGINIA	2,122.4	2,139.9	2,140.6	22.6	23.4	23.3	108.3	98.5	99.5	411.1	402.7	402.9
34 Bristol	26.5	26.5	26.4	(1)	(1)	(1)	.8	.7	.7	9.2	9.1	9.0
35 Lynchburg	70.4	69.9	69.8	(1)	(1)	(1)	2.6	2.4	2.3	28.6	28.5	28.2
36 Newport News—Hampton	147.1	147.4	147.7	(1)	(1)	(1)	6.3	6.1	6.2	35.3	33.7	33.9
37 Norfolk—Virginia Beach—Portsmouth	281.2	285.4	287.1	(1)	(1)	(1)	15.5	15.6	15.8	27.6	28.4	29.4
38 Northern Virginia	454.4	463.9	465.1	.4	.4	.4	26.4	23.2	24.2	19.7	20.7	20.8
39 Petersburg—Colonial Hights—Hopewell	44.7	44.8	44.8	(1)	(1)	(1)	1.9	1.7	1.7	10.8	10.1	10.3
40 Richmond	325.2	326.1	326.7	.3	.3	.2	16.7	16.4	16.8	56.3	55.5	55.5
41 Roanoke	102.6	100.7	100.7	.2	.2	.2	4.5	3.9	3.9	21.2	20.5	20.5
42 WASHINGTON	(*)	1,539.9	1,536.7	(*)	3.1	3.1	(*)	73.7	72.1	(*)	291.2	289.6
43 Seattle—Everett <sup>2</sup>	775.9	755.4	754.0	(1)	(1)	(1)	35.7	32.7	32.3	171.0	165.8	164.3
44 Spokane <sup>3</sup>	123.9	120.6	120.1	(1)	(1)	(1)	5.0	4.1	4.1	16.0	15.2	15.0
45 Tacoma <sup>3</sup>	140.4	(*)	(*)	(1)	(*)	(*)	6.1	(*)	(*)	22.0	(*)	(*)
46 WEST VIRGINIA <sup>3</sup>	624.7	609.3	608.6	65.5	66.3	65.8	24.3	18.3	18.8	112.4	104.5	103.7
47 Charleston <sup>3</sup>	109.2	108.9	108.7	6.7	6.7	6.7	4.6	3.6	3.7	16.8	16.3	16.3
48 Huntington—Ashland <sup>3</sup>	102.3	100.7	100.9	1.2	1.2	1.2	5.2	3.0	3.1	25.2	24.2	24.0
49 Parkersburg—Marietta <sup>3</sup>	57.5	56.8	56.9	1.2	1.4	1.4	2.7	2.1	2.2	16.6	16.2	16.1
50 Wheeling <sup>3</sup>	62.8	63.2	62.5	5.1	4.9	4.9	1.9	1.6	1.7	11.6	11.5	11.1
51 WISCONSIN	1,910.1	1,859.4	1,854.6	1.7	1.6	1.4	58.2	49.6	48.0	539.2	514.6	511.3
52 Appleton—Oshkosh	122.8	121.4	121.2	(1)	(1)	(1)	4.6	4.0	3.8	45.6	45.1	44.6
53 Eau Claire	48.4	47.3	48.1	(1)	(1)	(1)	1.7	1.4	1.3	8.6	8.7	8.6
54 Green Bay	77.0	76.9	76.1	(1)	(1)	(1)	2.5	2.4	2.3	20.9	20.9	20.6
55 Janesville—Beloit	51.5	46.5	46.6	(1)	(1)	(1)	1.7	1.1	1.1	20.6	15.5	15.5
56 Kenosha	38.3	40.8	39.8	(1)	(1)	(1)	1.9	1.3	1.3	12.5	15.8	14.8
57 La Crosse	45.5	44.9	45.2	(1)	(1)	(1)	1.3	1.2	1.2	10.6	10.0	10.0
58 Madison	169.0	167.5	167.3	(1)	(1)	(1)	5.6	5.2	5.2	19.7	19.7	19.5
59 Milwaukee	656.4	643.3	641.0	(1)	(1)	(1)	16.5	15.1	14.7	198.3	187.3	185.5
60 Racine	66.9	62.3	63.3	(1)	(1)	(1)	1.4	1.2	1.1	28.4	24.4	25.5
61 WYOMING	208.6	209.6	208.2	36.1	39.7	39.7	17.7	15.1	14.6	9.5	10.2	10.1
62 Casper	39.3	40.1	39.5	7.5	7.5	7.3	2.9	2.9	3.0	1.8	2.1	1.9
63 Cheyenne	30.4	30.1	29.5	(1)	(1)	(1)	2.0	1.5	1.5	1.5	1.3	1.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
12.8	13.1	13.2	62.2	62.4	62.5	11.1	11.1	11.3	50.1	48.9	48.9	59.0	56.9	57.6	1
1.8	(*)	(*)	8.5	(*)	(*)	1.5	(*)	(*)	6.8	(*)	(*)	7.3	(*)	(*)	2
4.6	4.6	4.6	15.8	15.9	15.7	3.3	3.5	3.4	13.4	14.0	14.1	6.9	6.9	7.0	3
84.8	82.5	83.8	367.8	366.1	362.1	78.1	75.4	75.5	293.3	308.5	308.0	323.6	297.6	301.1	4
7.6	7.6	7.6	33.7	34.2	34.1	9.7	9.6	9.6	29.1	29.2	29.2	33.2	32.1	31.9	5
8.2	8.1	8.0	42.0	43.8	43.9	8.6	8.6	8.7	32.9	33.7	33.8	47.7	46.8	48.2	6
27.3	26.7	26.7	95.8	96.4	95.7	20.1	19.9	19.9	73.2	75.1	75.0	66.6	62.2	63.5	7
(*)	20.2	20.2	(*)	77.0	76.0	(*)	23.6	23.6	(*)	76.5	76.7	(*)	60.1	60.4	8
373.0	391.6	392.9	1,451.2	1,561.4	1,555.2	340.5	352.0	353.1	1,054.3	1,102.9	1,116.1	1,010.9	997.3	1,009.5	9
3.1	(*)	(*)	15.8	(*)	(*)	2.8	(*)	(*)	13.2	(*)	(*)	9.5	(*)	(*)	10
6.9	(*)	(*)	22.4	(*)	(*)	3.9	(*)	(*)	15.4	(*)	(*)	12.9	(*)	(*)	11
7.2	(*)	(*)	50.8	(*)	(*)	14.3	(*)	(*)	43.5	(*)	(*)	81.7	(*)	(*)	12
12.1	(*)	(*)	33.8	(*)	(*)	5.4	(*)	(*)	27.0	(*)	(*)	20.5	(*)	(*)	13
7.4	(*)	(*)	30.9	(*)	(*)	5.9	(*)	(*)	21.1	(*)	(*)	26.4	(*)	(*)	14
95.1	99.0	99.7	387.3	406.6	404.6	111.8	116.8	117.1	266.2	283.4	290.1	185.7	182.2	184.9	15
10.4	(*)	(*)	39.0	(*)	(*)	7.4	(*)	(*)	26.6	(*)	(*)	36.0	(*)	(*)	16
6.7	(*)	(*)	12.9	(*)	(*)	4.5	(*)	(*)	10.9	(*)	(*)	17.1	(*)	(*)	17
106.3	109.5	109.3	360.3	381.8	381.4	89.9	94.9	95.0	292.3	309.0	309.1	169.1	170.0	171.9	18
3.9	(*)	(*)	15.6	(*)	(*)	2.4	(*)	(*)	14.9	(*)	(*)	7.6	(*)	(*)	19
5.1	(*)	(*)	26.8	(*)	(*)	4.9	(*)	(*)	17.0	(*)	(*)	19.5	(*)	(*)	20
2.7	(*)	(*)	10.8	(*)	(*)	2.3	(*)	(*)	6.9	(*)	(*)	4.6	(*)	(*)	21
2.6	(*)	(*)	15.8	(*)	(*)	1.9	(*)	(*)	7.5	(*)	(*)	6.5	(*)	(*)	22
3.4	(*)	(*)	8.6	(*)	(*)	1.5	(*)	(*)	6.5	(*)	(*)	6.5	(*)	(*)	23
18.1	19.3	19.4	102.1	103.0	102.3	27.3	27.5	27.6	83.9	84.8	85.5	94.5	95.0	95.6	24
2.4	(*)	(*)	7.2	(*)	(*)	1.2	(*)	(*)	5.9	(*)	(*)	5.2	(*)	(*)	25
3.4	(*)	(*)	16.7	(*)	(*)	4.3	(*)	(*)	15.7	(*)	(*)	11.5	(*)	(*)	28
2.8	(*)	(*)	12.9	(*)	(*)	2.3	(*)	(*)	8.6	(*)	(*)	11.0	(*)	(*)	27
33.5	34.7	34.9	126.0	129.1	127.5	26.1	26.5	26.5	102.2	105.7	106.5	126.9	126.1	127.6	28
26.3	26.9	27.2	94.4	96.2	95.2	21.0	21.5	21.6	69.3	71.4	71.9	90.2	90.2	91.1	29
8.4	8.6	8.5	40.2	42.2	41.6	8.1	8.2	8.2	46.9	46.5	46.5	37.5	36.0	37.7	30
2.3	2.4	2.3	12.4	12.4	12.3	-	-	-	12.1	12.2	12.3	-	-	-	31
.6	.6	.6	2.2	2.2	2.2	-	-	-	2.8	2.9	2.9	-	-	-	32
114.5	117.7	117.3	447.4	469.7	465.8	104.3	105.4	105.4	400.4	412.9	415.2	513.8	509.7	511.3	33
1.0	1.1	1.0	6.1	6.5	6.6	.9	.9	.9	3.3	3.4	3.4	5.1	4.8	4.8	34
2.7	2.7	2.7	12.1	12.2	12.1	3.3	3.3	3.2	10.9	10.8	11.1	10.2	10.1	10.1	35
4.8	5.0	5.1	28.1	28.5	28.4	4.6	4.7	4.7	27.6	28.9	29.1	40.4	40.4	40.3	36
19.2	20.0	20.1	67.6	69.1	69.0	14.6	14.8	14.9	56.3	58.1	58.4	80.4	79.3	79.5	37
31.9	31.3	31.4	108.5	114.2	112.9	28.3	28.8	28.8	121.5	125.7	126.6	117.8	119.7	120.0	38
1.3	1.3	1.3	8.6	8.9	9.0	1.2	1.2	1.2	6.5	7.0	7.0	14.3	14.6	14.7	39
19.5	19.8	19.8	75.4	76.8	76.5	26.4	25.9	26.0	58.2	59.7	60.0	72.5	71.7	71.8	40
9.8	9.8	9.8	24.6	24.9	24.9	6.1	6.0	5.9	20.4	20.2	20.3	15.9	15.2	15.3	41
(*)	87.0	85.8	(*)	372.3	369.1	(*)	90.0	90.4	(*)	308.4	309.3	(*)	314.2	317.3	42
51.3	50.2	50.0	183.0	183.5	181.7	56.9	57.4	57.5	154.1	151.5	152.1	123.9	114.3	116.1	43
8.1	7.9	7.7	34.1	33.9	33.4	7.8	7.7	7.7	29.5	29.9	30.1	23.4	21.9	22.1	44
6.3	(*)	(*)	32.2	(*)	(*)	6.9	(*)	(*)	32.4	(*)	(*)	34.5	(*)	(*)	45
41.6	41.8	41.8	126.8	129.4	128.7	21.8	21.9	21.8	98.4	99.2	100.6	133.9	127.9	127.4	46
9.6	9.4	9.5	25.4	26.4	26.2	5.1	5.1	5.1	19.8	20.9	21.0	21.3	20.4	20.2	47
9.4	10.0	10.0	23.5	24.4	24.2	3.8	3.7	3.6	15.3	15.7	15.7	18.6	18.5	19.0	48
2.4	2.4	2.4	12.4	12.9	12.8	2.0	2.0	2.0	10.3	10.1	10.2	9.9	9.7	9.8	49
3.5	3.6	3.6	14.6	15.0	14.9	2.8	2.8	2.8	13.8	14.0	14.2	9.5	9.6	9.4	50
90.3	86.9	87.0	424.3	419.3	414.6	93.8	95.8	95.6	371.2	374.9	377.1	331.4	316.7	319.4	51
4.4	4.4	4.4	25.2	24.8	24.6	5.5	5.6	5.7	20.4	21.2	21.3	17.2	16.3	16.8	52
2.6	2.6	2.6	12.8	12.5	12.7	1.6	1.7	1.7	10.0	9.8	9.9	11.2	10.6	11.2	53
5.9	6.0	6.0	19.4	19.3	19.0	2.4	2.5	2.5	15.4	15.4	15.4	10.6	10.4	10.3	54
2.0	2.2	2.2	13.7	10.6	10.5	1.3	1.4	1.4	8.0	8.9	9.0	7.2	6.8	6.9	55
1.2	1.3	1.3	7.8	7.9	7.8	1.1	1.0	1.0	8.0	7.6	7.8	6.0	5.9	5.9	56
2.3	2.1	2.1	12.2	11.7	11.7	1.1	1.1	1.1	10.7	11.4	11.4	7.3	7.4	7.7	57
6.3	6.3	6.3	34.7	35.8	35.5	12.8	13.5	13.6	31.5	33.1	33.3	58.2	53.9	53.9	58
33.9	33.2	33.3	138.0	138.5	136.7	39.9	40.8	40.9	143.2	145.4	146.9	86.6	83.1	83.0	59
2.4	2.4	2.3	12.7	12.7	12.5	2.2	2.2	2.2	11.4	11.1	11.2	8.5	8.4	8.4	60
17.2	17.6	17.5	45.8	47.4	46.5	7.4	7.4	7.4	29.8	30.2	30.1	45.1	42.0	42.3	61
2.8	2.7	2.7	11.2	10.9	10.6	1.7	1.8	1.8	5.8	5.8	5.9	5.6	6.4	6.3	62
4.6	4.3	4.0	6.9	7.3	7.0	1.6	1.5	1.5	4.9	5.3	5.3	8.0	8.9	8.9	63



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1 PUERTO RICO .....	(*)	(*)	(*)	.9	.8	.7	36.3	25.8	25.8	(*)	(*)	(*)
2 Caguas .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Mayaguez .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
4 Ponce .....	(*)	(*)	(*)	(*)	(*)	(*)	3.0	1.8	1.5	(*)	(*)	(*)
5 San Juan .....	(*)	(*)	(*)	(*)	(*)	(*)	24.9	18.8	18.9	(*)	(*)	(*)
6 VIRGIN ISLANDS .....	36.6	36.1	(*)	(2)	(2)	(*)	2.6	3.0	(*)	3.1	2.6	(*)

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> States and areas revised to 1981 benchmark; not strictly comparable with previously published data.  
<sup>4</sup> Area included in Chicago-Gary Standard Consolidated Statistical Area.  
<sup>5</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>6</sup> Subarea of New York—Northeastern New Jersey.  
<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>8</sup> Area included in New York and Nassau-Suffolk combined SMSA's.  
<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>10</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>11</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
<sup>12</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>13</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>14</sup> Total includes data for industry divisions not shown separately.  
<sup>15</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
p = preliminary.  
\*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
18.4	17.1	19.5	114.0	109.2	106.2	27.9	28.1	28.1	84.2	82.1	83.7	260.5	236.7	236.3	1
(*)	(*)	(*)	5.5	4.8	4.6	(*)	(*)	(*)	(*)	(*)	(*)	12.4	11.0	11.0	2
(*)	(*)	(*)	5.8	5.5	5.3	(*)	(*)	(*)	(*)	(*)	(*)	15.6	15.8	15.8	3
(*)	(*)	(*)	7.9	7.0	7.0	(*)	(*)	(*)	7.3	6.5	6.5	18.5	16.8	16.8	4
14.7	13.5	15.8	71.8	69.3	67.6	20.9	21.1	21.2	59.0	58.3	59.7	123.7	122.9	123.1	5
2.1	2.1	(*)	7.6	7.8	(*)	1.6	1.7	(*)	6.2	5.9	(*)	13.4	12.9	(*)	6



# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
-	<b>TOTAL PRIVATE</b> .....	\$247.10	\$249.92	\$255.95	\$261.64	\$261.99	\$7.06	\$7.10	\$7.55	\$7.54	\$7.55
-	<b>MINING</b> .....	422.01	416.66	457.10	463.47	465.78	9.86	9.85	10.68	10.63	10.61
10	<b>METAL MINING</b> .....	454.92	458.56	484.74	485.46	-	11.15	11.13	12.21	12.29	-
101	Iron ores .....	461.37	478.18	510.44	537.10	-	11.83	11.72	12.89	13.10	-
102	Copper ores .....	492.15	481.62	486.20	485.01	-	11.58	11.44	12.34	12.31	-
11, 12	<b>COAL MINING</b> .....	461.25	417.24	507.16	519.14	-	11.25	11.40	12.40	12.39	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	464.02	418.70	508.39	520.82	-	11.29	11.44	12.43	12.43	-
13	<b>OIL AND GAS EXTRACTION</b> .....	414.25	422.59	447.89	452.09	-	9.33	9.37	10.02	9.98	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	440.59	441.25	490.88	482.86	-	10.72	10.71	11.55	11.72	-
138	Oil and gas field services .....	405.41	416.67	434.48	442.70	-	8.91	8.98	9.57	9.50	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	332.50	342.40	346.63	362.91	-	8.09	8.00	8.98	8.93	-
142	Crushed and broken stone .....	302.88	328.75	312.20	342.76	-	7.61	7.61	8.53	8.36	-
-	<b>CONSTRUCTION</b> .....	364.35	388.37	383.79	401.21	413.61	10.41	10.44	11.56	11.27	11.27
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	324.48	344.49	335.83	360.37	-	9.46	9.49	10.27	10.18	-
152	Residential building construction .....	302.06	316.48	308.03	328.70	-	8.99	8.94	9.42	9.50	-
153	Operative builders .....	283.03	298.19	298.25	288.99	-	8.18	8.26	8.85	8.55	-
154	Nonresidential building construction .....	349.65	373.60	363.68	393.86	-	9.99	10.07	11.19	10.88	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	363.15	397.07	394.54	423.89	-	9.71	9.78	11.57	11.01	-
161	Highway and street construction .....	306.49	349.57	324.04	331.06	-	8.49	8.61	9.94	9.12	-
162	Heavy construction, except highway .....	380.65	412.50	412.28	448.48	-	10.07	10.16	11.95	11.47	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	385.79	407.32	402.83	411.74	-	11.15	11.19	12.17	11.90	-
171	Plumbing, heating, air conditioning .....	414.03	422.62	434.25	434.81	-	11.19	11.24	12.13	11.88	-
172	Painting, paper hanging, decorating .....	339.33	361.90	342.72	365.65	-	10.19	10.34	11.02	10.85	-
173	Electrical work .....	457.19	476.90	484.73	490.40	-	12.39	12.55	13.54	13.29	-
174	Masonry, stonework, and plastering .....	341.91	375.11	346.32	361.93	-	10.82	10.81	11.70	11.24	-
175	Carpentering and flooring .....	328.93	348.80	337.60	343.93	-	10.09	10.11	10.55	10.55	-
176	Roofing and sheet metal work .....	278.06	320.35	280.31	292.29	-	9.49	9.62	10.74	10.22	-
-	<b>MANUFACTURING</b> .....	306.13	311.22	312.01	326.54	327.27	7.75	7.80	8.41	8.33	8.37
24, 25, 32-39	<b>DURABLE GOODS</b> .....	329.57	336.96	335.91	351.65	352.74	8.26	8.32	8.91	8.88	8.93
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	271.52	274.09	278.02	291.43	290.69	5.98	7.01	7.68	7.55	7.57
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	262.19	264.81	249.38	271.17	270.44	6.81	6.79	7.40	7.27	7.27
241	Logging camps and logging contractors .....	320.29	332.61	293.93	343.68	-	8.68	8.73	9.93	9.50	-
242	Sawmills and planing mills .....	277.85	276.11	265.98	284.25	-	7.07	6.99	7.80	7.58	-
2421	Sawmills and planing mills, general .....	292.79	290.72	283.80	299.63	-	7.45	7.36	8.25	7.99	-
2426	Hardwood dimension and flooring .....	196.21	196.52	172.78	199.73	-	4.93	4.95	5.30	5.27	-
243	Millwork, plywood, and structural members .....	259.39	262.64	249.86	262.63	-	5.72	6.70	7.18	7.06	-
2431	Millwork .....	257.56	261.03	269.75	275.98	-	6.76	6.78	7.35	7.34	-
2434	Wood kitchen cabinets .....	225.33	232.56	213.81	235.74	-	6.09	6.12	6.44	6.22	-
2435	Hardwood veneer and plywood .....	215.99	219.01	191.42	212.63	-	5.32	5.29	5.63	5.64	-
2436	Softwood veneer and plywood .....	326.36	327.64	299.98	309.51	-	9.20	8.13	8.67	8.55	-
244	Wood containers .....	199.18	207.04	191.48	212.98	-	5.34	5.42	5.75	5.59	-
245	Wood buildings and mobile homes .....	218.82	222.53	195.00	232.75	-	6.27	6.34	6.61	6.65	-
2451	Mobile homes .....	213.41	219.38	193.75	235.73	-	6.15	6.25	6.48	6.53	-
249	Miscellaneous wood products .....	232.76	236.40	224.18	243.10	-	5.79	5.78	6.21	6.17	-
25	<b>FURNITURE AND FIXTURES</b> .....	219.84	223.49	202.52	230.76	231.01	5.74	5.76	6.27	6.17	6.21
251	Household furniture .....	204.22	208.59	171.33	207.48	-	5.36	5.39	5.73	5.70	-
2511	Wood household furniture .....	191.46	194.61	153.12	191.46	-	4.96	4.99	5.28	5.26	-
2512	Upholstered household furniture .....	213.49	221.16	175.51	219.35	-	5.77	5.82	6.18	6.11	-
2514	Metal household furniture .....	211.46	216.22	205.80	229.96	-	5.45	5.46	6.00	6.02	-
2515	Mattresses and bedsprings .....	224.10	224.03	197.81	220.85	-	5.96	5.99	6.24	6.31	-
252	Office furniture .....	246.48	248.52	260.22	268.93	-	6.24	6.26	6.83	6.74	-
253	Public building and related furniture .....	246.48	255.36	267.38	286.84	-	5.24	6.40	7.13	7.10	-
254	Partitions and fixtures .....	254.22	264.80	273.36	283.36	-	6.99	6.95	7.57	7.36	-
259	Miscellaneous furniture and fixtures .....	247.38	250.78	264.04	269.18	-	6.51	6.48	7.06	7.01	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982 <sup>2</sup>	Mar. 1982 <sup>2</sup>	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982 <sup>2</sup>	Mar. 1982 <sup>2</sup>
-	<b>TOTAL PRIVATE</b> .....	35.0	35.2	33.9	34.7	34.7	-	-	-	-	-
-	<b>MINING</b> .....	42.8	42.3	42.8	43.6	43.9	-	-	-	-	-
10	<b>METAL MINING</b> .....	40.8	41.2	39.7	39.5	-	-	-	-	-	-
101	Iron ores .....	39.0	40.8	39.6	41.0	-	-	-	-	-	-
102	Copper ores .....	42.5	42.1	39.4	39.4	-	-	-	-	-	-
11, 12	<b>COAL MINING</b> .....	41.0	36.6	40.9	41.9	-	-	-	-	-	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	41.1	36.6	40.9	41.9	-	-	-	-	-	-
13	<b>OIL AND GAS EXTRACTION</b> .....	44.4	45.1	44.7	45.3	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	41.1	41.2	42.5	41.2	-	-	-	-	-	-
138	Oil and gas field services .....	45.5	46.4	45.4	46.6	-	-	-	-	-	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	41.1	42.8	38.6	41.1	-	-	-	-	-	-
142	Crushed and broken stone .....	39.8	43.2	36.6	41.0	-	-	-	-	-	-
-	<b>CONSTRUCTION</b> .....	35.0	37.2	33.2	35.6	36.7	-	-	-	-	-
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	34.3	36.3	32.7	35.4	-	-	-	-	-	-
152	Residential building construction .....	33.6	35.4	32.7	34.6	-	-	-	-	-	-
153	Operative builders .....	34.6	36.1	33.7	33.8	-	-	-	-	-	-
154	Nonresidential building construction .....	35.0	37.1	32.5	36.2	-	-	-	-	-	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	37.4	40.6	34.1	38.5	-	-	-	-	-	-
161	Highway and street construction .....	36.1	40.6	32.6	36.3	-	-	-	-	-	-
162	Heavy construction, except highway .....	37.8	40.6	34.5	39.1	-	-	-	-	-	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	34.6	36.4	33.1	34.6	-	-	-	-	-	-
171	Plumbing, heating, air conditioning .....	37.0	37.6	35.8	36.6	-	-	-	-	-	-
172	Painting, paper hanging, decorating .....	33.3	35.0	31.1	33.7	-	-	-	-	-	-
173	Electrical work .....	36.9	38.0	35.8	36.9	-	-	-	-	-	-
174	Masonry, stonework, and plastering .....	31.6	34.7	29.6	32.2	-	-	-	-	-	-
175	Carpentering and flooring .....	32.6	34.5	32.0	32.6	-	-	-	-	-	-
176	Roofing and sheet metal work .....	29.3	33.3	26.1	28.6	-	-	-	-	-	-
-	<b>MANUFACTURING</b> .....	39.5	39.9	37.1	39.2	39.1	2.8	2.8	2.2	2.3	2.3
24, 25, 32-39	<b>DURABLE GOODS</b> .....	39.9	40.5	37.7	39.6	39.5	2.8	2.9	2.1	2.2	2.2
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	38.9	39.1	36.2	38.6	38.4	2.8	2.7	2.4	2.5	2.4
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	38.5	39.0	33.7	37.3	37.2	2.6	2.7	1.7	2.1	-
241	Logging camps and logging contractors .....	36.9	38.1	29.6	35.8	-	3.3	3.3	2.1	2.5	-
242	Sawmills and planing mills .....	39.3	39.5	34.1	37.5	-	3.2	3.1	2.1	2.6	-
2421	Sawmills and planing mills, general .....	39.3	39.5	34.4	37.5	-	3.4	3.3	2.3	2.7	-
2426	Hardwood dimension and flooring .....	39.8	39.7	32.6	37.9	-	2.7	2.5	1.2	1.9	-
243	Millwork, plywood, and structural members .....	38.6	39.2	34.8	37.2	-	2.3	2.4	1.3	1.5	-
2431	Millwork .....	38.1	38.5	36.7	37.6	-	1.5	1.6	.8	1.1	-
2434	Wood kitchen cabinets .....	37.0	38.0	33.2	37.9	-	1.3	1.6	1.0	1.1	-
2435	Hardwood veneer and plywood .....	40.6	41.4	34.0	37.7	-	3.6	3.8	1.8	2.0	-
2436	Softwood veneer and plywood .....	39.8	40.3	34.6	36.2	-	3.6	3.4	2.1	2.1	-
244	Wood containers .....	37.3	38.2	33.3	38.1	-	1.7	2.0	1.5	1.8	-
245	Wood buildings and mobile homes .....	34.9	35.1	29.5	35.0	-	1.2	1.3	.4	1.2	-
2451	Mobile homes .....	34.7	35.1	29.9	36.1	-	.8	.9	.4	1.2	-
249	Miscellaneous wood products .....	40.2	40.9	36.1	39.4	-	2.9	3.1	1.9	2.3	-
25	<b>FURNITURE AND FIXTURES</b> .....	38.3	38.8	32.3	37.4	37.2	1.9	1.9	1.2	1.4	-
251	Household furniture .....	38.1	38.7	29.9	36.4	-	1.8	2.0	.8	1.1	-
2511	Wood household furniture .....	38.6	39.0	29.0	36.4	-	1.8	2.0	.9	1.2	-
2512	Upholstered household furniture .....	37.0	38.0	28.4	35.9	-	1.3	1.5	.5	.7	-
2514	Metal household furniture .....	38.8	39.6	34.3	38.2	-	3.3	3.2	1.0	2.1	-
2515	Mattresses and bedsprings .....	37.6	37.4	31.7	35.0	-	1.7	1.7	.7	1.0	-
252	Office furniture .....	39.5	39.7	38.1	39.9	-	2.2	2.3	2.6	2.1	-
253	Public building and related furniture .....	39.5	39.9	37.5	40.4	-	2.6	2.3	2.2	2.2	-
254	Partitions and fixtures .....	37.8	38.1	36.0	38.5	-	1.8	1.6	1.7	1.9	-
259	Miscellaneous furniture and fixtures .....	38.0	38.7	37.4	38.4	-	1.2	1.3	1.4	1.5	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	\$312.44	\$322.36	\$326.50	\$338.22	\$342.39	\$7.89	\$7.94	\$8.73	\$8.65	\$8.69
321	Flat glass	407.48	426.13	469.42	482.51	-	10.29	10.47	11.15	11.30	-
322	Glass and glassware, pressed or blown	335.30	337.39	355.55	365.09	-	8.32	8.31	9.14	9.15	-
3221	Glass containers	355.14	355.18	373.35	386.51	-	8.62	8.60	9.50	9.45	-
3229	Pressed and blown glass, nec	308.89	312.84	332.16	335.72	-	7.90	7.90	8.65	8.72	-
323	Products of purchased glass	271.96	287.12	297.65	306.15	-	6.92	7.16	7.98	7.83	-
324	Cement, hydraulic	459.13	461.48	500.14	502.57	-	11.09	11.12	12.11	12.11	-
326	Structural clay products	254.78	262.66	271.88	280.14	-	5.45	6.55	7.25	7.22	-
326	Pottery and related products	264.99	269.96	267.90	281.52	-	6.76	6.80	7.28	7.20	-
327	Concrete, gypsum, and plaster products	294.12	318.71	297.54	312.95	-	7.74	7.85	8.55	8.39	-
3271	Concrete block and brick	286.48	303.12	272.40	287.28	-	7.18	7.20	7.85	7.56	-
3272	Concrete products, nec	268.80	288.40	275.54	301.41	-	6.91	7.00	7.85	7.65	-
3273	Ready-mixed concrete	305.15	337.65	312.13	324.92	-	8.62	8.68	9.43	9.31	-
329	Misc. nonmetallic mineral products	321.10	325.40	333.59	345.20	-	7.87	7.86	8.62	8.63	-
3291	Abrasive products	304.30	310.50	315.09	328.68	-	7.44	7.50	8.27	8.30	-
3292	Asbestos products	325.21	327.95	313.65	333.32	-	8.01	7.96	8.50	8.46	-
33	<b>PRIMARY METAL INDUSTRIES</b>	429.79	432.37	431.23	442.40	441.05	10.56	10.52	11.23	11.20	11.28
331	Blast furnace and basic steel products	503.42	501.43	507.20	516.90	-	12.43	12.23	13.14	13.22	-
3312	Blast furnaces and steel mills	522.78	519.43	526.12	537.03	-	12.94	12.70	13.63	13.77	-
3317	Steel pipe and tubes	398.86	406.89	417.59	414.56	-	9.80	9.90	10.68	10.69	-
332	Iron and steel foundries	350.80	357.54	337.90	359.59	-	8.77	8.85	9.36	9.34	-
3321	Gray iron foundries	354.12	364.41	336.06	357.40	-	8.92	9.02	9.52	9.43	-
3322	Malleable iron foundries	360.30	377.94	353.07	382.79	-	9.31	9.52	9.89	10.10	-
3325	Steel foundries, nec	344.40	345.22	343.52	363.20	-	8.40	8.42	9.04	9.08	-
333	Primary nonferrous metals	472.58	479.55	514.86	504.46	-	11.36	11.50	12.65	12.58	-
3334	Primary aluminum	497.67	518.25	538.68	536.00	-	12.05	12.31	13.40	13.40	-
335	Nonferrous rolling and drawing	394.57	397.95	389.47	405.08	-	9.35	9.43	9.86	9.88	-
3351	Copper rolling and drawing	364.59	348.99	335.48	348.25	-	8.42	8.27	8.58	8.62	-
3353	Aluminum sheet, plate, and foil	497.64	509.12	517.30	546.54	-	11.60	11.84	12.71	12.89	-
3357	Nonferrous wire drawing and insulating	352.88	366.66	363.89	375.65	-	8.64	8.73	9.12	9.14	-
336	Nonferrous foundries	309.67	316.33	312.53	326.27	-	7.82	7.83	8.29	8.25	-
3361	Aluminum foundries	320.40	326.41	318.65	334.62	-	8.01	8.02	8.52	8.45	-
34	<b>FABRICATED METAL PRODUCTS</b>	316.40	325.21	323.19	338.52	340.89	7.91	8.01	8.55	8.57	8.63
341	Metal cans and shipping containers	443.93	450.88	478.55	482.36	-	10.30	10.51	11.34	11.27	-
3411	Metal cans	455.80	463.95	499.38	499.36	-	10.60	10.84	11.75	11.64	-
342	Cutlery, hand tools, and hardware	293.28	302.91	301.69	315.48	-	7.52	7.63	8.11	8.11	-
3423, 5	Hand and edge tools, and hand saws and blades	285.59	290.73	282.55	302.25	-	7.23	7.25	7.72	7.77	-
3429	Hardware, nec	306.46	319.95	316.40	327.86	-	7.96	8.10	8.46	8.45	-
343	Plumbing and heating, except electric	268.48	274.95	279.99	294.52	-	7.01	7.05	7.65	7.71	-
3432	Plumbing fittings and brass goods	268.49	270.80	262.07	290.66	-	5.78	6.77	7.30	7.53	-
3433	Heating equipment, except electric	259.82	262.39	289.16	291.07	-	6.91	6.96	7.67	7.58	-
344	Fabricated structural metal products	303.73	310.78	313.97	334.57	-	7.67	7.75	8.44	8.47	-
3441	Fabricated structural metal	320.69	326.36	324.12	347.53	-	7.86	7.96	8.76	8.71	-
3442	Metal doors, sash, and trim	238.75	242.94	243.15	260.75	-	6.25	6.31	6.83	6.88	-
3443	Fabricated plate work (boiler shops)	344.35	350.61	355.20	381.07	-	8.44	8.51	9.25	9.34	-
3444	Sheet metal work	299.53	309.29	320.25	333.45	-	7.78	7.85	8.54	8.55	-
3446	Architectural metal work	283.38	287.83	301.84	309.68	-	7.12	7.16	7.84	7.84	-
345	Screw machine products, bolts, etc.	302.60	307.57	306.85	314.82	-	7.49	7.52	7.97	7.97	-
3451	Screw machine products	268.71	278.10	288.25	297.60	-	6.89	6.97	7.41	7.44	-
3452	Bolts, nuts, rivets, and washers	336.07	336.07	326.14	332.67	-	8.04	8.04	8.56	8.53	-
346	Metal forgings and stampings	358.52	387.69	360.00	382.57	-	9.19	9.41	9.60	9.71	-
3462	Iron and steel forgings	394.61	404.19	402.62	418.00	-	9.89	9.98	10.35	10.45	-
3466	Automotive stampings	456.92	493.43	423.94	458.62	-	11.31	11.61	11.52	11.64	-
3469	Metal stampings, nec	280.59	285.22	285.35	299.52	-	7.05	7.06	7.65	7.68	-
347	Metal services, nec	260.48	263.40	259.44	266.17	-	6.40	6.44	6.90	6.85	-
3471	Plating and polishing	252.97	255.04	259.99	264.32	-	5.34	6.36	6.86	6.83	-
3479	Metal coating and allied services	277.75	280.50	257.56	270.27	-	6.52	6.60	6.98	6.93	-
348	Ordnance and accessories, nec	325.51	327.18	345.14	354.44	-	7.92	7.98	8.76	8.73	-
3483	Ammunition, exc. for small arms, nec	281.30	282.10	301.50	319.59	-	7.05	7.16	8.04	8.03	-
349	Misc. fabricated metal products	298.05	304.84	308.89	318.70	-	7.47	7.49	8.15	8.13	-
3494	Valves and pipe fittings	323.16	329.54	330.53	344.12	-	7.94	7.96	8.63	8.69	-
3496	Misc. fabricated wire products	258.33	267.15	265.17	270.66	-	6.59	6.58	7.09	7.03	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	349.25	355.14	360.11	374.33	372.37	3.56	8.62	9.21	9.22	9.24
351	Engines and turbines	415.15	419.60	437.31	446.88	-	10.51	10.49	11.30	11.40	-
3511	Turbines and turbine generator sets	404.42	404.58	411.20	419.20	-	9.84	9.82	10.41	10.48	-
3519	Internal combustion engines, nec	419.25	425.30	446.59	456.30	-	10.75	10.74	11.63	11.73	-
352	Farm and garden machinery	372.67	387.60	362.70	395.11	-	9.34	9.50	9.75	9.78	-
3523	Farm machinery and equipment	392.35	407.71	383.41	412.27	-	9.76	9.92	10.17	10.23	-
353	Construction and related machinery	381.41	391.15	401.60	416.30	-	9.28	9.38	10.04	10.08	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982 P	Mar. 1982 P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982 P	Mar. 1982 P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	39.6	40.6	37.4	39.1	39.4	3.4	3.7	2.8	3.0	-
321	Flat glass	39.6	40.7	42.1	42.7	-	3.3	3.6	3.9	4.4	-
322	Glass and glassware, pressed or blown	40.3	40.6	38.9	39.9	-	3.8	3.8	3.8	4.0	-
3221	Glass containers	41.2	41.3	39.3	40.9	-	4.3	4.4	4.5	4.8	-
3229	Pressed and blown glass, nec	39.1	39.6	38.4	38.5	-	3.2	3.1	2.9	3.3	-
323	Products of purchased glass	39.3	40.1	37.3	39.1	-	3.0	3.3	2.4	2.1	-
324	Cement, hydraulic	41.4	41.5	41.3	41.5	-	3.1	3.0	2.8	2.7	-
325	Structural clay products	39.5	40.1	37.5	38.8	-	2.8	2.7	2.5	2.3	-
326	Pottery and related products	39.2	39.7	36.8	39.1	-	2.2	2.0	1.6	2.1	-
327	Concrete, gypsum, and plaster products	38.0	40.6	34.8	37.3	-	3.8	4.6	2.8	3.3	-
3271	Concrete block and brick	39.9	42.1	34.7	38.0	-	3.8	4.5	2.1	3.0	-
3272	Concrete products, nec	38.9	41.2	35.1	39.4	-	3.6	4.1	3.0	3.5	-
3273	Ready-mixed concrete	35.4	38.9	33.1	34.9	-	3.3	4.5	2.4	3.1	-
329	Misc. nonmetallic mineral products	40.8	41.4	38.7	40.0	-	3.4	3.4	2.3	2.5	-
3291	Abrasive products	40.9	41.4	38.1	39.6	-	2.9	3.1	1.6	1.6	-
3292	Asbestos products	40.6	41.2	36.9	39.4	-	2.9	2.9	1.5	1.9	-
33	<b>PRIMARY METAL INDUSTRIES</b>	40.7	41.1	38.4	39.5	39.1	3.2	3.2	2.3	2.2	-
331	Blast furnace and basic steel products	40.5	41.0	38.6	39.1	-	3.0	2.8	2.1	1.8	-
3312	Blast furnaces and steel mills	40.4	40.9	38.6	39.0	-	2.9	2.7	2.2	1.9	-
3317	Steel pipe and tubes	40.7	41.1	39.1	39.9	-	3.4	3.5	2.2	1.8	-
332	Iron and steel foundries	40.0	40.4	36.1	38.5	-	2.9	3.0	2.1	2.3	-
3321	Gray iron foundries	39.7	40.4	35.3	37.9	-	2.8	2.9	2.1	2.3	-
3322	Malleable iron foundries	38.7	39.7	35.7	37.9	-	2.6	2.9	1.5	2.1	-
3325	Steel foundries, nec	41.0	41.0	38.0	40.0	-	3.2	3.4	2.4	2.5	-
333	Primary nonferrous metals	41.6	41.7	40.7	40.1	-	3.5	3.4	2.6	2.4	-
3334	Primary aluminum	41.3	42.1	40.2	40.0	-	3.5	3.7	2.9	2.9	-
335	Nonferrous rolling and drawing	42.2	42.2	39.5	41.0	-	4.5	4.4	2.8	3.0	-
3351	Copper rolling and drawing	43.3	42.2	39.1	40.4	-	5.4	4.8	2.6	2.7	-
3353	Aluminum sheet, plate and foil	42.9	43.0	40.7	42.4	-	5.7	6.0	3.2	4.1	-
3357	Nonferrous wire drawing and insulating	42.0	42.0	39.9	41.1	-	4.5	4.3	3.3	3.2	-
336	Nonferrous foundries	39.6	40.4	37.7	39.5	-	2.5	2.7	1.9	2.0	-
3361	Aluminum foundries	40.0	40.7	37.4	39.6	-	2.8	3.0	2.1	2.2	-
34	<b>FABRICATED METAL PRODUCTS</b>	40.0	40.6	37.8	39.5	39.5	2.7	2.8	2.0	2.1	-
341	Metal cans and shipping containers	43.1	42.9	42.2	42.8	-	4.6	4.4	4.3	4.1	-
3411	Metal cans	43.0	42.8	42.5	42.9	-	4.4	4.1	4.3	4.0	-
342	Cutlery, hand tools, and hardware	39.0	39.7	37.2	38.9	-	2.0	2.3	1.3	1.5	-
3423, 5	Hand and edge tools, and hand saws and blades	39.5	40.1	36.6	38.9	-	2.3	2.4	1.5	1.4	-
3429	Hardware, nec	38.5	39.5	37.4	38.8	-	1.9	2.3	1.2	1.4	-
343	Plumbing and heating, except electric	38.3	39.0	36.6	38.2	-	1.9	1.8	1.2	1.2	-
3432	Plumbing fittings and brass goods	39.6	40.0	35.9	38.6	-	2.3	2.3	1.0	1.7	-
3433	Heating equipment, except electric	37.6	37.7	37.7	38.4	-	1.6	1.1	1.4	1.0	-
344	Fabricated structural metal products	39.6	40.1	37.2	39.5	-	2.5	2.6	2.0	2.2	-
3441	Fabricated structural metal	40.8	41.0	37.0	39.9	-	3.1	2.9	2.2	2.7	-
3442	Metal doors, sash, and trim	38.2	38.5	35.6	37.9	-	1.6	1.7	1.4	1.6	-
3443	Fabricated plate work (boiler shops)	40.6	41.2	38.4	40.8	-	2.8	2.9	2.5	2.8	-
3444	Sheet metal work	38.5	39.4	37.5	39.0	-	2.2	2.6	1.8	1.9	-
3446	Architectural metal work	39.8	40.2	38.5	39.5	-	2.3	2.1	2.3	1.7	-
345	Screw machine products, bolts, etc.	40.4	40.9	38.5	39.5	-	3.1	3.0	1.7	1.8	-
3451	Screw machine products	39.0	39.9	38.9	40.0	-	2.6	2.8	2.2	2.4	-
3452	Bolts, nuts, rivets, and washers	41.8	41.8	38.1	39.0	-	3.6	3.2	1.2	1.2	-
346	Metal forgings and stampings	40.1	41.2	37.5	39.4	-	3.2	3.6	1.7	1.9	-
3462	Iron and steel forgings	39.9	40.5	38.9	40.0	-	3.4	3.3	2.5	2.1	-
3465	Automotive stampings	40.4	42.5	36.8	39.4	-	3.7	4.7	1.1	1.8	-
3469	Metal stampings, nec	39.8	40.4	37.3	39.0	-	2.5	2.6	1.8	1.8	-
347	Metal services, nec	40.7	40.9	37.6	38.8	-	2.5	2.6	1.9	2.1	-
3471	Plating and polishing	39.9	40.1	37.9	38.7	-	3.0	3.0	2.1	2.2	-
3479	Metal coating and allied services	42.6	42.5	36.9	39.0	-	1.5	1.8	1.6	1.9	-
348	Ordnance and accessories, nec	41.1	41.0	39.4	40.6	-	3.1	2.9	2.8	2.6	-
3483	Ammunition, exc. for small arms, nec	39.9	39.4	37.5	39.8	-	2.1	1.9	2.3	2.2	-
349	Misc. fabricated metal products	39.9	40.7	37.9	39.2	-	2.6	2.8	2.1	2.1	-
3494	Valves and pipe fittings	40.7	41.4	38.3	39.6	-	3.1	3.2	2.4	2.3	-
3496	Misc. fabricated wire products	39.2	40.6	37.4	38.5	-	2.5	2.7	1.6	1.8	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	40.6	41.2	39.1	40.6	40.3	3.3	3.4	2.6	2.7	-
351	Engines and turbines	39.5	40.0	38.7	39.2	-	2.8	2.7	1.7	1.7	-
3511	Turbines and turbine generator sets	41.1	41.2	39.5	40.0	-	3.2	3.5	2.3	2.3	-
3519	Internal combustion engines, nec	39.0	39.6	38.4	38.9	-	2.7	2.4	1.5	1.5	-
352	Farm and garden machinery	39.9	40.8	37.2	40.4	-	3.3	3.4	1.9	2.4	-
3523	Farm machinery and equipment	40.2	41.1	37.7	40.3	-	3.6	3.8	1.8	2.3	-
353	Construction and related machinery	41.1	41.7	40.0	41.3	-	3.2	3.3	3.2	3.2	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	
	<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3531	Construction machinery	\$408.86	\$428.09	\$425.24	\$447.58	-	\$10.43	\$10.57	\$11.22	\$11.36	-	
3532	Mining machinery	380.64	385.63	397.77	404.32	-	9.15	9.27	10.07	10.21	-	
3533	Oil field machinery	396.83	400.37	429.09	435.22	-	8.76	8.78	9.73	9.65	-	
3535	Conveyers and conveying equipment	310.57	311.33	334.66	343.66	-	8.13	8.15	8.67	8.57	-	
3537	Industrial trucks and tractors	310.66	311.33	321.66	335.66	-	8.09	8.15	9.01	8.81	-	
354	Metalworking machinery	365.75	372.66	378.80	388.81	-	8.75	8.81	9.47	9.46	-	
3541	Machine tools, metal cutting types	382.73	387.56	396.98	395.69	-	8.88	8.93	9.73	9.77	-	
3542	Machine tools, metal forming types	355.69	359.20	369.51	382.18	-	8.87	8.98	9.88	9.85	-	
3544	Special dies, tools, jigs, and fixtures	395.93	405.14	409.36	419.58	-	9.36	9.40	9.96	9.99	-	
3545	Machine tool accessories	325.13	335.20	332.35	341.60	-	7.93	8.00	8.61	8.54	-	
3546	Power driven hand tools	271.05	271.10	291.61	326.34	-	5.95	7.06	7.86	7.77	-	
365	Special industry machinery	327.54	331.20	338.03	353.43	-	7.95	8.00	8.78	8.77	-	
3551	Food products machinery	341.82	341.78	350.06	363.71	-	8.44	8.46	9.14	9.37	-	
3552	Textile machinery	259.13	262.34	223.84	269.27	-	5.43	6.43	6.93	6.94	-	
3555	Printing trades machinery	351.78	358.99	365.48	369.56	-	8.20	8.31	9.16	9.09	-	
356	General industrial machinery	344.32	348.94	355.55	368.34	-	8.46	8.49	9.14	9.14	-	
3561	Pumps and pumping equipment	342.86	347.99	361.07	374.94	-	8.55	8.55	9.33	9.35	-	
3562	Ball and roller bearings	354.48	359.54	344.27	361.90	-	8.40	8.52	8.76	8.87	-	
3563	Air and gas compressors	370.86	375.62	396.98	419.09	-	8.83	8.88	10.05	10.05	-	
3564	Blowers and fans	304.55	314.65	332.43	344.69	-	7.71	7.75	8.59	8.49	-	
3566	Speed changers, drives, and gears	392.18	392.92	381.20	386.70	-	9.36	9.40	9.85	9.89	-	
3568	Power transmission equipment, nec	335.76	338.25	343.30	358.97	-	8.27	8.25	8.78	8.82	-	
357	Office and computing machines	296.21	298.16	315.52	323.29	-	7.26	7.29	7.81	7.79	-	
3573	Electronic computing equipment	293.35	296.12	317.34	323.89	-	7.19	7.24	7.74	7.73	-	
358	Refrigeration and service machinery	314.77	315.59	315.46	335.60	-	7.83	7.87	8.48	8.39	-	
3585	Refrigeration and heating equipment	324.41	323.21	321.13	337.98	-	8.03	8.06	8.75	8.50	-	
359	Misc. machinery, except electrical	334.89	343.17	338.80	354.00	-	8.31	8.37	8.80	8.85	-	
3592	Carburetors, pistons, rings, valves	394.42	397.54	375.34	429.37	-	9.91	9.84	10.34	10.87	-	
3599	Machinery, except electrical, nec	324.82	333.73	333.76	344.06	-	8.04	8.12	8.58	8.58	-	
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b>	294.23	300.29	305.56	318.40	\$319.59	7.43	7.47	8.02	8.00	\$8.05	
361	Electric distributing equipment	231.91	296.40	293.46	309.66	-	7.39	7.41	7.91	7.80	-	
3612	Transformers	287.28	294.98	285.61	303.31	-	7.20	7.23	7.74	7.64	-	
3613	Switchgear and switchboard apparatus	295.93	297.47	299.46	314.82	-	7.53	7.55	8.05	7.93	-	
362	Electrical industrial apparatus	311.25	316.00	313.68	326.30	-	7.61	7.67	8.19	8.24	-	
3621	Motors and generators	312.94	319.19	317.04	328.43	-	7.67	7.71	8.15	8.17	-	
3622	Industrial controls	296.40	301.44	297.85	315.83	-	7.41	7.48	8.05	9.14	-	
363	Household appliances	291.00	300.89	283.65	303.96	-	7.50	7.56	7.99	8.02	-	
3632	Household refrigerators and freezers	336.48	355.10	329.80	362.94	-	8.54	8.64	9.29	9.33	-	
3633	Household laundry equipment	344.27	345.64	316.18	355.13	-	8.85	8.84	9.41	9.42	-	
3634	Electric housewares and fans	230.73	238.19	220.59	226.26	-	6.04	6.03	6.45	6.32	-	
364	Electric lighting and wiring equipment	271.66	277.38	286.87	297.75	-	6.86	6.90	7.49	7.53	-	
3641	Electric lamps	304.17	306.40	340.90	345.58	-	7.72	7.66	8.48	8.47	-	
3643	Current-carrying wiring devices	261.70	268.87	274.89	279.35	-	6.51	6.59	7.14	7.09	-	
3644	Noncurrent-carrying wiring devices	288.35	294.94	279.75	294.42	-	7.05	7.09	7.50	7.53	-	
3645	Residential lighting fixtures	209.72	212.78	212.53	239.12	-	5.49	5.47	5.92	6.10	-	
365	Radio and TV receiving equipment	256.46	278.46	284.99	297.16	-	6.95	7.14	7.62	7.60	-	
3651	Radio and TV receiving sets	257.10	286.03	291.51	299.92	-	7.18	7.41	7.90	7.79	-	
366	Communication equipment	342.23	344.25	361.68	375.77	-	8.45	8.50	9.25	9.21	-	
3661	Telephone and telegraph apparatus	357.82	354.78	354.52	383.94	-	8.77	8.76	9.53	9.48	-	
3662	Radio and TV communication equipment	332.07	337.79	366.73	371.05	-	8.24	8.32	9.10	9.05	-	
367	Electronic components and accessories	254.92	257.90	269.89	277.70	-	5.47	6.48	7.01	6.95	-	
3671-3	Electronic tubes	327.95	330.84	343.73	352.41	-	7.96	8.03	8.68	8.68	-	
3674	Semiconductors and related devices	295.73	295.00	313.21	320.39	-	7.32	7.32	7.99	7.95	-	
3679	Electronic components, nec	235.38	239.18	253.87	257.90	-	6.02	6.04	6.56	6.48	-	
369	Misc. electrical equipment and supplies	333.13	342.45	333.46	352.04	-	8.52	8.54	8.94	8.89	-	
3691	Storage batteries	322.37	321.01	340.61	348.38	-	8.33	8.21	8.94	8.91	-	
3694	Engine electrical equipment	362.70	379.93	351.98	378.30	-	9.47	9.57	9.75	9.75	-	
37	<b>TRANSPORTATION EQUIPMENT</b>	398.19	414.29	411.65	434.70	437.53	9.93	10.08	10.72	10.76	10.83	
371	Motor vehicles and equipment	415.80	440.34	423.70	448.48	-	10.50	10.74	11.15	11.24	-	
3711	Motor vehicles and car bodies	461.38	490.36	489.06	519.54	-	11.77	11.96	12.67	12.86	-	
3713	Truck and bus bodies	331.63	335.41	366.03	351.50	-	8.46	8.47	9.29	9.25	-	
3714	Motor vehicle parts and accessories	403.00	423.30	398.41	420.95	-	10.00	10.20	10.54	10.50	-	
3715	Truck trailers	257.66	268.28	272.10	299.90	-	7.32	7.31	7.73	7.81	-	
372	Aircraft and parts	413.34	417.00	440.88	458.43	-	9.96	10.00	10.94	11.02	-	
3721	Aircraft	430.76	433.89	458.80	481.54	-	10.43	10.43	11.47	11.52	-	
3724	Aircraft engines and engine parts	409.63	412.49	436.11	452.51	-	10.04	10.11	10.93	11.01	-	
3728	Aircraft equipment, nec	381.74	387.43	409.45	417.00	-	8.94	9.01	9.89	10.00	-	
373	Ship and boat building and repairing	345.93	363.44	335.48	375.06	-	8.67	8.80	9.45	9.40	-	
3731	Shipbuilding and repairing	360.48	383.05	350.65	394.02	-	9.08	9.23	9.99	9.90	-	
3732	Boat building and repairing	291.51	293.94	283.39	310.75	-	7.18	7.24	7.68	7.73	-	
374	Railroad equipment	399.24	409.73	413.28	427.43	-	10.59	10.67	11.08	11.16	-	

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>										
3531	Construction machinery	39.2	40.5	37.9	39.4	-	1.8	1.9	1.3	1.6	-
3532	Mining machinery	41.6	41.6	39.5	39.6	-	2.8	2.8	2.1	2.1	-
3533	Oil field machinery	45.3	45.6	44.1	45.1	-	5.7	6.3	6.1	5.8	-
3535	Conveyers and conveying equipment	38.2	38.2	38.6	40.1	-	2.4	2.4	2.8	2.7	-
3537	Industrial trucks and tractors	38.4	38.2	35.7	38.1	-	2.3	1.9	1.8	1.8	-
354	Metalworking machinery	41.8	42.3	40.0	41.1	-	4.4	4.5	3.3	3.3	-
3541	Machine tools, metal cutting types	43.1	43.4	40.8	40.5	-	5.0	5.1	3.4	2.9	-
3542	Machine tools, metal forming types	40.1	40.0	37.4	38.8	-	3.2	3.0	2.2	2.1	-
3544	Special dies, tools, jigs, and fixtures	42.3	43.1	41.1	42.0	-	5.3	5.5	4.3	4.4	-
3545	Machine tool accessories	41.0	41.9	38.6	40.0	-	3.7	3.7	2.0	1.8	-
3546	Power driven hand tools	39.0	38.4	37.1	42.0	-	1.9	1.5	1.9	2.9	-
355	Special industry machinery	41.2	41.4	38.5	40.3	-	3.1	3.0	2.3	2.5	-
3551	Food products machinery	40.5	40.4	38.3	40.1	-	2.4	2.3	2.1	2.4	-
3552	Textile machinery	40.3	40.8	32.3	38.8	-	2.2	2.0	1.0	1.8	-
3555	Printing trades machinery	42.9	43.2	39.9	40.7	-	4.4	4.4	2.9	3.0	-
356	General industrial machinery	40.7	41.1	38.9	40.3	-	3.2	3.2	2.3	2.5	-
3561	Pumps and pumping equipment	40.1	40.7	38.7	40.1	-	2.7	2.9	2.3	2.5	-
3562	Ball and roller bearings	42.2	42.2	39.3	40.8	-	4.1	3.8	2.6	2.5	-
3563	Air and gas compressors	42.0	42.3	39.5	41.7	-	4.0	4.0	3.1	3.2	-
3564	Blowers and fans	39.5	40.6	38.7	40.6	-	2.9	3.0	2.7	2.9	-
3566	Speed changers, drives, and gears	41.9	41.8	38.7	39.1	-	3.8	3.4	1.8	1.8	-
3568	Power transmission equipment, nec	40.6	41.0	39.1	40.7	-	3.2	3.3	2.1	2.4	-
357	Office and computing machines	40.8	40.9	40.4	41.5	-	2.5	2.5	2.4	2.6	-
3573	Electronic computing equipment	40.8	40.9	41.0	41.9	-	2.7	2.7	2.7	2.9	-
358	Refrigeration and service machinery	40.2	40.1	37.2	40.0	-	2.5	2.5	1.3	1.7	-
3585	Refrigeration and heating equipment	40.4	40.1	36.7	39.3	-	2.4	2.2	1.3	1.6	-
359	Misc. machinery, except electrical	40.3	41.0	38.5	40.0	-	3.6	3.8	2.9	3.1	-
3592	Carburetors, pistons, rings, valves	39.8	40.4	36.3	39.5	-	2.6	2.4	.9	1.4	-
3599	Machinery, except electrical, nec	40.4	41.1	38.9	40.1	-	3.8	4.0	3.2	3.3	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b>	39.6	40.2	38.1	39.8	39.7	2.2	2.3	1.7	1.9	-
361	Electric distributing equipment	39.5	40.0	37.1	39.7	-	2.5	2.5	2.1	1.9	-
3612	Transformers	39.9	40.8	36.9	39.7	-	2.3	2.6	2.4	2.2	-
3613	Switchgear and switchboard apparatus	39.3	39.4	37.2	39.7	-	2.6	2.5	1.9	1.7	-
362	Electrical industrial apparatus	40.9	41.2	38.3	39.6	-	2.9	2.9	1.6	1.7	-
3621	Motors and generators	40.8	41.4	38.9	40.2	-	2.8	3.0	1.8	1.9	-
3622	Industrial controls	40.0	40.3	37.0	38.8	-	2.6	2.4	1.0	1.1	-
363	Household appliances	38.8	39.8	35.5	37.9	-	1.8	1.9	1.0	1.1	-
3632	Household refrigerators and freezers	39.4	41.1	35.5	38.9	-	1.5	2.2	.6	.9	-
3633	Household laundry equipment	38.9	39.1	33.6	37.7	-	1.3	1.0	.6	.7	-
3634	Electric housewares and fans	38.2	39.5	34.2	35.8	-	1.4	1.4	.8	1.0	-
364	Electric lighting and wiring equipment	39.6	40.2	38.3	39.7	-	2.5	2.5	1.7	1.9	-
3641	Electric lamps	39.4	40.0	40.2	40.8	-	1.7	1.7	2.0	2.0	-
3643	Current-carrying wiring devices	40.2	40.8	38.5	39.4	-	3.0	3.1	1.9	2.0	-
3644	Noncurrent-carrying wiring devices	40.9	41.6	37.3	39.1	-	2.7	2.8	1.4	1.5	-
3645	Residential lighting fixtures	38.2	38.9	35.9	39.2	-	1.8	1.7	1.0	2.1	-
365	Radio and TV receiving equipment	36.9	39.0	37.4	39.1	-	.9	1.5	.6	.9	-
3651	Radio and TV receiving sets	37.2	38.6	36.9	38.5	-	1.1	1.4	.8	.8	-
366	Communication equipment	40.5	40.5	39.1	40.8	-	2.4	2.1	2.0	2.2	-
3661	Telephone and telegraph apparatus	40.8	40.5	37.2	40.5	-	2.4	1.9	1.6	2.0	-
3662	Radio and TV communication equipment	40.3	40.6	40.3	41.0	-	2.3	2.2	2.2	2.3	-
367	Electronic components and accessories	39.4	39.8	38.5	39.9	-	2.2	2.3	2.0	2.1	-
3671-3	Electronic tubes	41.2	41.2	39.6	40.6	-	2.1	2.3	1.8	1.9	-
3674	Semiconductors and related devices	40.4	40.3	39.2	40.3	-	2.6	2.6	2.4	2.5	-
3679	Electronic components, nec	39.1	39.6	38.7	39.8	-	2.3	2.3	2.0	2.1	-
369	Misc. electrical equipment and supplies	39.1	40.1	37.3	39.6	-	2.0	2.2	1.7	1.7	-
3691	Storage batteries	38.7	39.1	38.1	39.1	-	1.4	1.5	2.2	1.6	-
3694	Engine electrical equipment	38.3	39.7	36.1	38.8	-	1.8	2.1	1.3	1.4	-
37	<b>TRANSPORTATION EQUIPMENT</b>	40.1	41.1	38.4	40.4	40.4	3.0	3.2	2.2	2.5	-
371	Motor vehicles and equipment	39.6	41.0	38.0	39.9	-	2.5	2.8	1.5	1.8	-
3711	Motor vehicles and car bodies	39.2	41.0	38.6	40.4	-	2.5	2.6	1.4	1.8	-
3713	Truck and bus bodies	39.2	39.6	39.4	38.0	-	1.9	1.9	2.7	1.7	-
3714	Motor vehicle parts and accessories	40.3	41.5	37.8	39.9	-	2.7	3.2	1.5	2.0	-
3715	Truck trailers	35.2	36.7	35.2	38.4	-	.7	.8	.7	1.1	-
372	Aircraft and parts	41.5	41.7	40.3	41.6	-	3.7	3.7	3.2	3.5	-
3721	Aircraft	41.3	41.6	40.0	41.8	-	3.2	3.2	3.1	3.4	-
3724	Aircraft engines and engine parts	40.8	40.8	39.9	41.1	-	3.7	3.6	3.2	3.8	-
3728	Aircraft equipment, nec	42.7	43.0	41.4	41.7	-	4.6	4.7	3.6	3.8	-
373	Ship and boat building and repairing	39.9	41.3	35.5	39.9	-	3.7	4.0	2.0	2.4	-
3731	Ship building and repairing	39.7	41.5	35.1	39.8	-	3.7	4.1	2.1	2.3	-
3732	Boat building and repairing	40.6	40.6	36.9	40.2	-	3.5	3.6	1.8	2.8	-
374	Railroad equipment	37.7	38.4	37.3	38.3	-	1.8	2.2	1.3	1.2	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	
	<b>TRANSPORTATION EQUIPMENT—Continued</b>											
376	Guided missiles, space vehicles, parts .....	\$400.32	\$399.10	\$429.05	\$429.55	-	\$9.86	\$9.83	\$10.62	\$10.58	-	
3761	Guided missiles and space vehicles .....	406.62	403.61	439.15	438.34	-	10.04	10.04	10.87	10.85	-	
379	Miscellaneous transportation equipment .....	270.61	294.67	330.50	338.58	-	7.14	7.24	8.54	8.36	-	
3792	Travel trailers and campers .....	223.48	254.87	268.53	281.09	-	6.26	6.42	7.48	7.32	-	
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	291.60	293.54	306.48	318.40	\$321.58	7.20	7.23	7.94	7.96	\$7.96	
381	Engineering and scientific instruments .....	304.21	309.55	325.05	334.96	-	7.53	7.55	8.25	8.23	-	
382	Measuring and controlling devices .....	287.24	291.72	294.90	311.65	-	7.11	7.15	7.72	7.93	-	
3822	Environmental controls .....	262.00	265.34	274.90	283.48	-	6.55	6.65	7.37	7.25	-	
3823	Process control instruments .....	297.91	303.00	311.66	334.91	-	7.11	7.18	7.89	8.07	-	
3825	Instruments to measure electricity .....	299.15	303.96	300.58	321.26	-	7.46	7.45	7.91	8.41	-	
383	Optical instruments and lenses .....	319.50	313.96	337.00	331.65	-	7.85	7.81	8.28	8.25	-	
384	Medical instruments and supplies .....	246.00	246.76	256.68	269.60	-	6.15	6.20	6.90	6.86	-	
3841	Surgical and medical instruments .....	243.95	245.42	267.33	276.00	-	5.95	6.03	6.98	6.90	-	
3842	Surgical appliances and supplies .....	247.89	249.70	245.95	265.87	-	6.34	6.37	6.87	6.87	-	
385	Ophthalmic goods .....	220.70	220.84	229.49	234.04	-	5.49	5.48	5.93	5.94	-	
386	Photographic equipment and supplies .....	399.61	400.32	432.48	437.19	-	9.56	9.60	10.60	10.35	-	
387	Watches, clocks, and watchcases .....	218.86	217.54	212.71	232.20	-	5.67	5.68	6.06	6.00	-	
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	223.87	227.57	231.58	244.09	246.13	5.83	5.85	6.31	6.34	6.36	
391	Jewelry, silverware, and plated ware .....	233.00	237.88	238.26	249.83	-	6.23	6.26	6.60	6.68	-	
3911	Jewelry, precious metal .....	233.84	235.88	238.12	247.16	-	6.32	6.29	6.67	5.79	-	
393	Musical instruments .....	207.92	219.79	211.90	231.00	-	5.65	5.65	6.16	6.16	-	
394	Toys and sporting goods .....	208.44	213.01	218.52	234.81	-	5.40	5.42	5.89	5.99	-	
3942, 4	Dolls, games, toys, and children's vehicles .....	196.04	200.69	205.16	217.73	-	5.20	5.24	5.53	5.57	-	
3949	Sporting and athletic goods, nec .....	218.90	224.32	228.91	249.15	-	5.57	5.58	6.17	6.26	-	
395	Pens, pencils, office and art supplies .....	236.22	236.02	252.46	262.25	-	5.95	5.96	6.44	6.54	-	
396	Costume jewelry and notions .....	193.15	198.90	194.75	203.30	-	5.03	5.10	5.44	5.35	-	
3961	Costume jewelry .....	177.38	180.96	181.36	191.95	-	4.73	4.80	5.01	4.96	-	
399	Miscellaneous manufactures .....	243.32	245.75	248.83	260.06	-	5.32	6.35	6.78	6.79	-	
3993	Signs and advertising displays .....	257.94	260.55	261.00	279.94	-	6.77	6.75	7.23	7.29	-	
	<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	284.53	285.77	303.80	308.07	306.15	7.24	7.29	7.83	7.76	7.79	
201	Meat products .....	282.59	282.94	304.18	296.81	-	7.34	7.33	7.86	7.63	-	
2011	Meat packing plants .....	363.91	362.56	389.66	367.85	-	8.79	8.80	9.19	8.95	-	
2013	Sausages and other prepared meats .....	326.87	328.77	356.06	347.91	-	8.49	8.43	9.06	8.99	-	
2016	Poultry dressing plants .....	161.47	164.03	171.87	183.32	-	4.64	4.66	5.10	5.05	-	
202	Dairy products .....	296.30	299.39	317.95	319.55	-	7.28	7.32	7.87	7.89	-	
2022	Cheese, natural and processed .....	271.91	279.27	285.31	288.32	-	5.99	7.07	7.43	7.45	-	
2026	Fluid milk .....	311.58	312.42	338.21	335.75	-	7.49	7.51	8.13	8.11	-	
203	Preserved fruits and vegetables .....	247.43	243.08	263.73	274.40	-	6.28	6.38	6.85	6.85	-	
2032	Canned specialties .....	279.57	269.25	312.71	329.87	-	7.15	7.03	7.79	7.78	-	
2033	Canned fruits and vegetables .....	253.11	253.37	260.18	277.38	-	6.49	6.65	7.07	7.04	-	
2037	Frozen fruits and vegetables .....	238.96	223.78	252.68	250.57	-	5.80	5.92	6.27	6.28	-	
204	Grain mill products .....	333.06	332.31	365.01	364.20	-	7.93	7.95	8.67	8.61	-	
2041	Flour and other grain mill products .....	355.64	353.87	383.64	381.06	-	8.01	7.97	8.66	8.72	-	
2048	Prepared feeds, nec .....	276.41	272.54	293.70	295.26	-	6.55	6.52	7.06	7.03	-	
205	Bakery products .....	291.46	292.60	298.02	309.14	-	7.61	7.60	8.21	8.20	-	
2051	Bread, cake, and related products .....	286.88	286.51	304.79	306.98	-	7.65	7.62	8.26	8.23	-	
2052	Cookies and crackers .....	306.47	308.39	279.34	315.48	-	7.53	7.54	8.05	8.11	-	
206	Sugar and confectionery products .....	273.83	285.68	288.35	297.11	-	6.95	7.16	7.30	7.30	-	
2061-3	Cane and beet sugar .....	337.88	357.00	341.23	338.44	-	7.95	8.50	8.01	8.02	-	
2065	Confectionery products .....	233.74	247.54	247.50	262.15	-	6.20	6.38	6.60	6.62	-	
207	Fats and oils .....	317.34	319.88	341.60	342.21	-	7.52	7.58	8.00	7.94	-	
208	Beverages .....	333.26	338.05	368.87	381.24	-	8.48	8.58	9.41	9.46	-	
2082	Malt beverages .....	457.41	474.86	541.45	556.84	-	11.35	11.47	12.77	12.86	-	
2086	Bottled and canned soft drinks .....	250.91	250.00	261.85	274.48	-	6.45	6.46	7.02	7.02	-	
209	Misc. foods and kindred products .....	241.80	241.42	244.87	259.16	-	6.38	6.37	6.84	6.82	-	
21	<b>TOBACCO MANUFACTURES</b> .....	329.56	320.29	330.32	364.62	359.50	8.56	8.61	9.15	9.52	9.69	
211	Cigarettes .....	400.75	377.25	400.73	436.57	-	10.12	10.06	11.07	11.31	-	
22	<b>TEXTILE MILL PRODUCTS</b> .....	213.47	214.94	179.71	219.26	217.53	5.35	5.36	5.76	5.77	5.77	
221	Weaving mills, cotton .....	215.91	218.50	167.56	226.31	-	5.48	5.49	5.90	5.94	-	
222	Weaving mills, synthetics .....	231.01	232.96	190.60	230.66	-	5.58	5.60	6.07	6.07	-	
223	Weaving and finishing mills, wool .....	225.09	231.99	236.21	245.78	-	5.45	5.55	5.92	5.98	-	
224	Narrow fabric mills .....	197.47	200.16	194.39	214.13	-	4.90	4.93	5.37	5.34	-	
225	Knitting mills .....	191.64	192.27	162.64	197.08	-	5.03	5.02	5.35	5.37	-	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
376	Guided missiles, space vehicles, parts	40.6	40.6	40.4	40.6	-	3.3	3.2	2.9	2.6	-
3761	Guided missiles and space vehicles	40.5	40.2	40.4	40.4	-	2.8	2.7	2.6	2.4	-
379	Miscellaneous transportation equipment	37.9	40.7	38.7	40.5	-	1.7	2.2	3.0	3.1	-
3792	Travel trailers and campers	35.7	39.7	35.9	38.4	-	1.4	1.9	1.9	1.9	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	40.5	40.6	38.6	40.0	40.4	2.3	2.3	1.7	1.9	-
381	Engineering and scientific instruments	40.4	41.0	39.4	40.7	-	3.0	3.0	2.3	2.4	-
382	Measuring and controlling devices	40.4	40.8	38.2	39.3	-	2.1	2.1	1.5	1.6	-
3822	Environmental controls	40.0	39.9	37.3	39.1	-	2.6	2.2	1.3	1.3	-
3823	Process control instruments	41.9	42.2	39.5	41.5	-	2.9	2.9	1.8	2.2	-
3825	Instruments to measure electricity	40.1	40.8	38.0	38.2	-	1.5	1.7	1.3	1.3	-
383	Optical instruments and lenses	40.7	40.2	40.7	40.2	-	3.2	3.1	2.0	2.2	-
384	Medical instruments and supplies	40.0	39.8	37.2	39.3	-	2.2	2.2	1.8	2.1	-
3841	Surgical and medical instruments	41.0	40.7	38.3	40.0	-	2.2	2.3	2.0	2.3	-
3842	Surgical appliances and supplies	39.1	39.2	35.8	38.7	-	2.4	2.3	1.8	2.2	-
385	Ophthalmic goods	40.2	40.3	38.7	39.4	-	1.5	1.4	1.2	1.3	-
386	Photographic equipment and supplies	41.8	41.7	40.8	42.2	-	2.9	2.9	2.3	2.6	-
387	Watches, clocks, and watchcases	38.6	38.3	35.1	38.7	-	1.0	.7	.7	1.4	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	38.4	38.9	36.7	38.5	38.7	1.9	1.9	1.4	1.5	-
391	Jewelry, silverware, and plated ware	37.4	38.0	36.1	37.4	-	1.8	1.9	1.3	1.4	-
3911	Jewelry, precious metal	37.0	37.5	35.7	36.4	-	2.1	2.2	1.3	1.5	-
393	Medical instruments	36.8	38.9	34.4	37.5	-	.9	1.0	.7	.7	-
394	Toys and sporting goods	38.6	39.3	37.1	39.2	-	1.6	1.8	1.2	1.6	-
3942, 4	Dolls, games, toys, and children's vehicles	37.7	38.3	37.1	38.4	-	1.3	1.3	.9	1.2	-
3949	Sporting and athletic goods, nec	39.3	40.2	37.1	39.8	-	2.0	2.3	1.4	1.9	-
395	Pens, pencils, office and art supplies	39.7	39.6	38.9	40.1	-	2.2	2.4	1.9	1.8	-
396	Costume jewelry and notions	38.4	39.0	35.8	38.0	-	1.9	2.1	1.6	1.9	-
3961	Costume jewelry	37.5	37.7	36.2	38.7	-	1.6	1.7	1.6	2.5	-
399	Miscellaneous manufactures	38.5	38.7	36.7	38.3	-	2.1	1.9	1.4	1.5	-
3993	Signs and advertising displays	38.1	38.6	36.1	38.4	-	2.6	2.4	1.5	2.0	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b>	39.3	39.2	38.8	39.7	39.3	3.6	3.3	3.7	3.4	-
201	Meat products	38.5	38.6	38.7	38.9	-	3.5	3.2	4.4	3.2	-
2011	Meat packing plants	41.4	41.2	42.4	41.1	-	4.9	4.2	5.7	4.1	-
2013	Sausages and other prepared meats	38.5	39.0	39.3	38.7	-	2.9	2.8	3.9	2.8	-
2016	Poultry dressing plants	34.8	35.2	33.7	36.3	-	2.1	2.0	3.0	2.2	-
202	Dairy products	40.7	40.9	40.4	40.5	-	3.7	3.7	3.6	3.5	-
2022	Cheese, natural and processed	38.9	39.5	38.4	38.7	-	3.2	3.4	2.8	2.9	-
2026	Fluid milk	41.6	41.6	41.6	41.4	-	4.2	3.9	4.3	4.0	-
203	Preserved fruits and vegetables	39.4	38.1	38.5	40.0	-	3.8	2.9	3.1	3.2	-
2032	Canned specialties	39.1	38.3	41.2	42.4	-	5.8	3.6	3.6	3.8	-
2033	Canned fruits and vegetables	39.0	38.1	36.8	39.4	-	3.0	2.5	2.1	2.6	-
2037	Frozen fruits and vegetables	41.2	37.8	40.3	39.9	-	5.4	3.0	4.5	4.1	-
204	Grain mill products	42.0	41.8	42.1	42.3	-	5.2	4.9	5.6	4.9	-
2041	Flour and other grain mill products	44.4	44.4	44.3	43.7	-	6.0	5.1	5.8	5.6	-
2048	Prepared feeds, nec	42.2	41.8	41.6	42.0	-	5.4	5.1	5.8	5.0	-
205	Bakery products	38.3	38.5	36.3	37.7	-	3.0	2.8	2.8	2.8	-
2051	Bread, cake, and related products	37.5	37.6	36.9	37.3	-	3.0	2.8	3.0	3.0	-
2052	Cookies and crackers	40.7	40.9	34.7	38.9	-	2.9	2.8	2.0	2.3	-
206	Sugar and confectionery products	39.4	39.9	39.5	40.7	-	2.7	2.7	2.7	2.8	-
2061-3	Cane and beet sugar	42.5	42.0	42.6	42.2	-	3.8	3.3	4.3	3.9	-
2065	Confectionery products	37.7	38.8	37.5	39.6	-	2.3	2.6	1.9	2.3	-
207	Fats and oils	42.2	42.2	42.7	43.1	-	4.9	4.5	5.6	5.2	-
208	Beverages	39.3	39.4	39.2	40.3	-	3.3	3.4	3.5	3.7	-
2082	Malt beverages	40.3	41.4	42.4	43.3	-	5.1	5.5	6.0	5.7	-
2086	Bottled and canned soft drinks	38.9	38.7	37.3	39.1	-	2.8	2.8	2.4	3.0	-
209	Misc. foods and kindred products	37.9	37.9	35.8	38.0	-	3.4	3.2	2.6	3.1	-
21	<b>TOBACCO MANUFACTURES</b>	38.5	37.2	36.1	38.3	37.1	2.5	1.0	1.1	1.3	-
211	Cigarettes	39.6	37.5	36.2	38.6	-	3.4	1.0	.9	1.5	-
22	<b>TEXTILE MILL PRODUCTS</b>	39.9	40.1	31.2	38.0	37.7	3.1	3.1	1.5	2.2	-
221	Weaving mills, cotton	39.4	39.8	28.4	38.1	-	3.0	3.0	1.1	2.3	-
222	Weaving mills, synthetics	41.4	41.6	31.4	38.0	-	3.8	3.8	1.5	2.3	-
223	Weaving and finishing mills, wool	41.3	41.8	39.9	41.1	-	3.3	3.8	3.6	3.8	-
224	Narrow fabric mills	40.3	40.6	36.2	40.1	-	2.7	2.6	1.9	2.0	-
225	Knitting mills	38.1	38.3	30.4	36.7	-	2.2	2.3	1.3	1.7	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	
	<b>TEXTILE MILL PRODUCTS—Continued</b>											
2251	Women's hosiery, except socks	\$169.93	\$176.60	\$157.69	\$193.13	-	\$4.76	\$4.76	\$5.17	\$5.15	-	
2252	Hosiery, nec	180.40	181.93	147.90	182.94	-	4.76	4.75	5.10	5.11	-	
2253	Knit outerwear mills	186.62	184.50	157.95	190.41	-	4.95	4.92	5.23	5.26	-	
2254	Knit underwear mills	176.05	176.90	133.32	179.75	-	4.81	4.86	5.05	5.21	-	
2257	Circular knit fabric mills	220.25	219.45	206.96	231.87	-	5.52	5.50	5.93	5.87	-	
226	Textile finishing, except wool	234.43	238.14	209.84	242.93	-	5.69	5.67	6.19	6.15	-	
2261	Finishing plants, cotton	234.84	243.02	222.63	243.32	-	5.77	5.80	6.15	6.16	-	
2262	Finishing plants, synthetics	250.06	247.35	209.30	251.91	-	5.87	5.82	6.46	5.41	-	
227	Floor covering mills	217.40	216.38	166.63	229.58	-	5.49	5.52	5.93	6.01	-	
228	Yarn and thread mills	200.80	200.90	169.56	201.96	-	5.02	5.01	5.40	5.40	-	
2281	Yarn mills, except wool	200.30	201.80	161.46	202.33	-	5.02	5.02	5.40	5.41	-	
2282	Throwing and winding mills	190.30	188.94	179.57	188.19	-	4.83	4.82	5.19	5.17	-	
229	Miscellaneous textile goods	248.47	249.31	219.08	251.86	-	5.93	5.95	6.35	6.36	-	
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	171.91	176.85	156.00	181.44	\$180.25	4.87	4.94	5.20	5.14	\$5.15	
231	Men's and boys' suits and coats	199.00	205.82	186.34	215.62	-	5.59	5.67	6.05	5.94	-	
232	Men's and boys' furnishings	160.82	164.06	134.68	170.05	-	4.53	4.57	4.81	4.75	-	
2321	Men's and boys' shirts and nightwear	157.79	158.42	133.86	171.59	-	4.42	4.45	4.73	4.65	-	
2327	Men's and boys' separate trousers	164.03	167.44	133.06	175.21	-	4.66	4.73	4.91	4.84	-	
2328	Men's and boys' work clothing	157.00	161.45	128.98	163.57	-	4.41	4.46	4.69	4.66	-	
233	Women's and misses' outerwear	163.11	166.90	155.04	172.21	-	4.84	4.88	5.10	5.08	-	
2331	Women's and misses' blouses and waists	154.13	155.84	145.50	162.32	-	4.56	4.57	4.85	4.76	-	
2335	Women's and misses' dresses	158.05	164.67	159.33	175.06	-	4.97	4.99	5.19	5.21	-	
2337	Women's and misses' suits and coats	180.26	181.65	162.40	180.40	-	5.24	5.25	5.60	5.50	-	
2339	Women's and misses' outerwear, nec	165.20	168.15	152.34	170.23	-	4.68	4.75	4.93	4.92	-	
234	Women's and children's undergarments	159.92	162.79	140.36	162.15	-	4.43	4.46	4.71	4.70	-	
2341	Women's and children's underwear	158.56	161.41	139.04	159.05	-	4.38	4.41	4.65	4.61	-	
2342	Brassieres and allied garments	165.43	167.90	146.50	177.66	-	4.66	4.69	5.00	5.12	-	
236	Children's outerwear	161.90	160.47	142.50	174.48	-	4.46	4.47	4.75	4.82	-	
2361	Children's dresses and blouses	159.28	157.44	149.12	166.37	-	4.40	4.41	4.66	4.74	-	
238	Misc. apparel and accessories	171.95	177.60	154.28	183.90	-	4.75	4.80	5.16	5.08	-	
239	Misc. fabricated textile products	209.25	221.95	197.46	219.83	-	5.61	5.78	6.02	5.99	-	
2391	Curtains and draperies	154.37	156.52	131.13	148.39	-	4.30	4.30	4.65	4.58	-	
2392	House furnishing, nec	181.44	183.83	155.96	183.14	-	4.80	4.75	5.08	5.13	-	
2396	Automotive and apparel trimmings	337.13	384.74	370.13	400.93	-	8.99	9.43	10.31	10.36	-	
26	<b>PAPER AND ALLIED PRODUCTS</b>	349.42	351.92	374.59	378.90	376.97	8.28	8.30	9.07	9.00	9.04	
261, 2, 6	Paper and pulp mills	428.09	429.43	463.05	466.36	-	9.62	9.65	10.50	10.48	-	
262	Paper mills, except building paper	431.10	432.45	466.67	470.39	-	9.58	9.61	10.44	10.43	-	
263	Paperboard mills	429.13	433.29	481.42	469.92	-	9.82	9.87	10.77	10.68	-	
264	Misc. converted paper products	298.33	301.26	319.20	325.18	-	7.33	7.33	8.00	7.97	-	
2641	Paper coating and glazing	343.60	347.31	384.14	383.78	-	8.22	8.23	9.06	9.33	-	
2642	Envelopes	269.74	272.70	292.99	299.96	-	6.71	6.75	7.38	7.37	-	
2643	Bags, except textile bags	285.10	284.13	298.40	302.88	-	5.92	6.93	7.46	7.46	-	
265	Paperboard containers and boxes	300.03	302.00	310.05	319.93	-	7.30	7.33	7.95	7.88	-	
2651	Folding paperboard boxes	306.03	316.40	301.02	321.15	-	7.41	7.48	7.88	7.91	-	
2653	Corrugated and solid fiber boxes	315.33	313.12	334.80	338.24	-	7.58	7.60	8.37	8.27	-	
2654	Sanitary food containers	287.73	291.48	288.60	302.50	-	6.90	6.94	7.40	7.35	-	
27	<b>PRINTING AND PUBLISHING</b>	293.72	297.54	311.68	319.06	320.66	7.96	8.02	8.61	8.60	8.62	
271	Newspapers	270.91	270.10	283.27	291.39	-	8.16	8.16	8.77	8.83	-	
272	Periodicals	285.70	285.36	317.63	333.21	-	7.68	7.63	8.47	8.61	-	
273	Books	269.89	273.94	289.02	298.34	-	7.14	7.19	7.94	7.81	-	
2731	Book publishing	259.98	265.41	278.78	290.70	-	6.97	7.04	7.68	7.59	-	
2732	Book printing	280.36	283.71	300.40	307.09	-	7.32	7.35	8.23	8.06	-	
274	Miscellaneous publishing	229.16	234.61	273.96	282.65	-	5.78	6.84	7.61	7.66	-	
275	Commercial printing	316.74	323.98	334.13	340.61	-	8.27	8.35	8.91	8.87	-	
2751	Commercial printing, letterpress	291.02	296.00	313.76	318.97	-	7.74	7.81	8.48	8.35	-	
2752	Commercial printing, lithographic	328.87	337.90	347.54	353.05	-	8.52	8.62	9.17	9.17	-	
276	Manifold business forms	310.84	313.61	341.02	335.41	-	7.81	7.86	8.59	8.47	-	
278	Blankbooks and bookbinding	234.40	239.86	244.20	247.21	-	6.12	6.23	6.60	6.61	-	
279	Printing trade services	382.79	377.85	394.94	412.87	-	10.10	10.13	10.56	10.78	-	
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	365.20	367.74	394.94	397.58	394.28	8.80	8.84	9.68	9.65	9.64	
281	Industrial inorganic chemicals	401.86	402.97	443.62	442.90	-	9.66	9.71	10.82	10.75	-	
2819	Industrial inorganic chemicals, nec	397.55	402.94	449.45	444.22	-	9.72	9.78	10.83	10.73	-	
282	Plastics materials and synthetics	361.01	363.49	386.24	388.55	-	8.72	8.78	9.49	9.50	-	
2821	Plastics materials and resins	408.67	409.88	425.52	425.34	-	9.46	9.51	10.18	10.20	-	
2824	Organic fibers, noncellulosic	329.64	331.67	360.40	365.22	-	8.20	8.23	9.01	9.04	-	
283	Drugs	329.65	331.71	361.33	370.30	-	8.06	8.15	8.87	8.98	-	
2834	Pharmaceutical preparations	311.18	314.31	343.77	348.75	-	7.76	7.78	8.54	8.59	-	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
<b>TEXTILE MILL PRODUCTS—Continued</b>											
2251	Women's hosiery, except socks	35.7	37.1	30.5	37.5	-	1.1	1.8	1.9	2.2	-
2252	Hosiery, nec	37.9	38.3	29.0	35.8	-	1.8	2.0	.8	1.3	-
2253	Knit outerwear mills	37.7	37.5	30.2	36.2	-	2.2	2.1	1.0	1.4	-
2254	Knit underwear mills	36.6	36.4	26.4	34.5	-	1.1	1.2	.6	.7	-
2257	Circular knit fabric mills	39.9	39.9	34.9	39.5	-	3.0	2.9	2.0	2.6	-
226	Textile finishing, except wool	41.2	42.0	33.9	39.5	-	3.6	3.9	1.9	3.4	-
2261	Finishing plants, cotton	40.7	41.9	36.2	39.5	-	3.4	4.1	1.6	2.5	-
2282	Finishing plants, synthetics	42.6	42.5	32.4	39.3	-	4.3	4.1	2.2	4.5	-
227	Floor covering mills	39.6	39.2	28.1	38.2	-	3.0	3.1	.7	1.6	-
228	Yarn and thread mills	40.0	40.1	31.4	37.4	-	3.3	3.2	1.6	2.0	-
2281	Yarn mills, except wool	39.9	40.2	29.9	37.4	-	3.3	3.3	1.3	2.1	-
2282	Throwing and winding mills	39.4	39.2	34.6	36.4	-	3.3	3.1	2.0	1.7	-
229	Miscellaneous textile goods	41.9	41.9	34.5	39.6	-	3.8	3.8	2.0	2.8	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	35.3	35.8	30.0	35.3	35.0	1.0	1.1	.7	1.0	-
231	Men's and boys' suits and coats	35.6	36.3	30.8	36.3	-	.6	.7	.6	.9	-
232	Men's and boys' furnishings	35.5	35.9	28.0	35.8	-	.8	.8	.6	.9	-
2321	Men's and boys' shirts and nighwear	35.7	35.6	28.3	36.9	-	.9	.9	.7	1.0	-
2327	Men's and boys' separate trousers	35.2	35.4	27.1	36.2	-	.8	.8	1.1	1.4	-
2328	Men's and boys' work clothing	35.6	36.2	27.5	35.1	-	.7	.7	.3	.6	-
233	Women's and misses' outerwear	33.7	34.2	30.4	33.9	-	1.0	1.0	.7	1.0	-
2331	Women's and misses' blouses and waists	33.8	34.1	30.0	34.1	-	.9	.9	.5	.9	-
2335	Women's and misses' dresses	31.8	33.0	30.7	33.6	-	.9	1.0	.8	.9	-
2337	Women's and misses' suits and coats	34.4	34.6	29.0	32.8	-	.8	.9	.4	.9	-
2339	Women's and misses' outerwear, nec	35.3	35.4	30.9	34.6	-	1.2	1.2	.9	1.1	-
234	Women's and children's undergarments	36.1	36.5	29.8	34.5	-	1.2	1.2	.7	.8	-
2341	Women's and children's underwear	36.2	36.6	29.9	34.5	-	1.2	1.3	.7	.8	-
2342	Brassieres and allied garments	35.5	35.8	29.3	34.7	-	1.0	1.0	.5	.7	-
236	Children's outerwear	36.3	35.9	30.0	36.2	-	1.2	1.1	.9	1.4	-
2361	Children's dresses and blouses	36.2	35.7	32.0	35.1	-	1.1	1.1	.6	1.2	-
238	Misc. apparel and accessories	36.2	37.0	29.9	36.2	-	1.0	1.3	.6	1.0	-
239	Misc. fabricated textile products	37.3	38.4	32.8	36.7	-	1.3	1.7	.9	1.4	-
2391	Curtains and draperies	35.9	36.4	28.2	32.4	-	.2	.3	.5	.5	-
2392	House furnishings, nec	37.8	38.7	30.7	35.7	-	1.6	1.6	.8	1.0	-
2396	Automotive and apparel trimmings	37.5	40.8	35.9	38.7	-	.8	2.2	.6	1.6	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	42.2	42.4	41.3	42.1	41.7	4.4	4.3	4.3	4.1	-
261, 2, 6	Paper and pulp mills	44.5	44.5	44.1	44.5	-	6.4	6.3	6.2	5.9	-
262	Paper mills, except building paper	45.0	45.0	44.7	45.1	-	6.6	6.6	6.4	6.1	-
263	Paperboard mills	43.7	43.9	44.7	44.0	-	6.8	7.1	8.3	7.5	-
264	Misc. converted paper products	40.7	41.1	39.9	40.8	-	2.9	2.8	2.6	2.6	-
2641	Paper coating and glazing	41.8	42.2	42.4	42.5	-	2.9	3.1	2.7	2.4	-
2642	Envelopes	40.2	40.4	39.7	40.7	-	2.3	2.1	2.5	2.4	-
2643	Bags, except textile bags	41.2	41.0	40.0	40.6	-	3.2	2.8	2.8	2.8	-
265	Paperboard containers and boxes	41.1	41.2	39.0	40.6	-	3.2	3.1	2.9	2.7	-
2651	Folding paperboard boxes	41.3	42.3	38.2	40.6	-	3.4	4.0	3.0	2.6	-
2653	Corrugated and solid fiber boxes	41.6	41.2	40.0	40.9	-	3.2	3.0	3.4	3.1	-
2654	Sanitary food containers	41.7	42.0	39.0	41.1	-	3.2	3.2	2.4	2.5	-
27	<b>PRINTING AND PUBLISHING</b>	36.9	37.1	36.2	37.1	37.2	2.2	2.4	2.2	2.3	-
271	Newspapers	33.2	33.1	32.3	33.0	-	1.3	1.3	1.2	1.4	-
272	Periodicals	37.2	37.4	37.5	38.7	-	2.1	2.3	2.2	2.9	-
273	Books	37.8	38.1	36.4	38.2	-	2.0	2.5	2.1	2.6	-
2731	Book publishing	37.3	37.7	36.3	38.3	-	1.4	2.0	1.0	1.4	-
2732	Book printing	38.3	38.6	36.5	38.1	-	2.8	3.0	3.4	4.1	-
274	Miscellaneous publishing	33.8	34.3	36.0	36.9	-	1.1	1.3	.9	1.5	-
275	Commercial printing	38.3	38.8	37.5	38.4	-	2.8	3.1	2.7	2.7	-
2751	Commercial printing, letterpress	37.6	37.9	37.0	38.2	-	2.0	2.3	2.1	2.2	-
2752	Commercial printing, lithographic	38.6	39.2	37.9	38.5	-	3.2	3.5	3.0	3.0	-
276	Manifold business forms	39.8	39.9	39.7	39.6	-	2.6	2.3	3.3	2.4	-
278	Blankbooks and bookbinding	38.3	38.5	37.0	37.4	-	1.7	1.7	1.6	1.3	-
279	Printing trade service	37.9	37.3	37.4	38.3	-	3.7	3.1	2.9	3.6	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	41.5	41.6	40.8	41.2	40.9	3.3	3.3	3.1	2.9	-
281	Industrial inorganic chemicals	41.6	41.5	41.0	41.2	-	3.4	3.2	3.5	3.3	-
2819	Industrial inorganic chemicals, nec	40.9	41.2	41.5	41.4	-	3.0	3.0	3.6	3.4	-
282	Plastics materials and synthetics	41.4	41.4	40.7	40.9	-	3.0	3.0	2.8	2.7	-
2821	Plastics materials and resins	43.2	43.1	41.8	41.7	-	4.6	4.5	3.6	3.3	-
2824	Organic fibers, noncellulosic	40.2	40.3	40.0	40.4	-	1.7	1.8	1.9	2.0	-
283	Drugs	40.9	40.7	41.3	41.7	-	3.1	3.0	3.0	2.9	-
2834	Pharmaceutical preparations	40.1	40.4	39.9	40.6	-	3.0	3.0	2.8	2.7	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	\$324.81	\$330.88	\$353.42	\$361.08	-	\$8.10	\$8.09	\$8.97	\$8.85	-
2841	Soap and other detergents .....	434.92	445.83	486.63	483.51	-	10.38	10.49	11.45	11.35	-
2844	Toilet preparations .....	258.99	264.47	265.50	285.42	-	6.59	6.53	7.08	7.10	-
2842, 3	Polishing, sanitation, and finishing preparations .....	299.47	304.92	339.89	341.82	-	7.62	7.70	8.76	8.61	-
285	Paints and allied products .....	314.40	325.21	324.02	331.96	-	7.86	8.01	8.46	8.49	-
286	Industrial organic chemicals .....	438.96	445.30	473.48	473.30	-	10.28	10.38	11.22	11.35	-
2865	Cyclic crudes and intermediates .....	399.92	389.05	448.98	448.36	-	9.66	9.63	10.69	10.83	-
2861, 9	Gum, wood, and industrial organic chemicals, nec .....	451.26	463.22	482.22	481.54	-	10.47	10.60	11.40	11.52	-
287	Agricultural chemicals .....	382.36	375.82	399.31	406.78	-	8.69	8.60	9.53	9.46	-
289	Miscellaneous chemical products .....	339.87	338.25	366.83	364.18	-	8.17	8.21	9.08	8.97	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	481.53	478.40	512.89	512.55	\$502.25	11.33	11.23	11.90	12.06	\$11.93
291	Petroleum refining .....	521.30	515.03	553.75	550.82	-	12.18	12.09	12.50	12.78	-
295	Paving and roofing materials .....	337.68	356.21	335.92	347.06	-	9.04	8.17	9.03	8.72	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	283.01	287.75	288.80	303.60	304.00	7.04	7.07	7.62	7.59	7.50
301	Tires and inner tubes .....	439.30	439.74	452.39	472.73	-	10.56	10.52	11.57	11.53	-
302	Rubber and plastics footwear .....	181.03	179.45	182.07	205.14	-	4.56	4.71	5.10	5.26	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	306.45	316.92	315.02	326.70	-	7.42	7.51	8.14	8.25	-
306	Fabricated rubber products, nec .....	259.89	265.43	268.05	282.98	-	6.53	6.57	7.11	7.11	-
307	Miscellaneous plastics products .....	254.96	261.46	257.11	269.84	-	6.39	6.44	6.82	6.78	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	179.10	180.32	172.49	184.43	185.31	4.88	4.90	5.18	5.21	5.22
311	Leather tanning and finishing .....	260.34	263.16	255.30	271.66	-	6.46	6.45	6.90	6.93	-
314	Footwear, except rubber .....	171.34	172.06	163.00	175.35	-	4.72	4.74	5.00	5.01	-
3143	Men's footwear, except athletic .....	187.50	188.00	169.37	186.20	-	5.00	5.00	5.26	5.26	-
3144	Women's footwear, except athletic .....	159.46	158.58	158.11	167.53	-	4.53	4.57	4.85	4.87	-
316	Luggage .....	193.92	194.43	174.20	181.83	-	5.05	4.96	5.41	5.51	-
317	Handbags and personal leather goods .....	164.06	165.04	165.19	175.86	-	4.57	4.61	4.83	4.94	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	373.28	371.15	389.76	397.26	394.45	9.45	9.42	10.15	10.16	10.14
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads .....	469.10	452.12	445.50	-	-	10.71	10.49	11.25	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	216.75	215.41	234.13	234.06	-	6.47	6.43	7.16	7.05	-
411	Local and suburban transportation .....	275.93	276.71	299.86	301.78	-	7.13	7.15	7.63	7.64	-
413	Intercity highway transportation .....	367.14	336.17	400.42	385.93	-	10.43	10.44	11.64	11.09	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	376.16	378.49	375.18	395.65	-	9.67	9.68	10.14	10.25	-
421, 3	Trucking and trucking terminals .....	384.93	386.90	383.32	404.80	-	9.87	9.87	10.36	10.46	-
422	Public warehousing .....	259.08	261.67	261.65	269.14	-	6.80	6.85	7.11	7.12	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	478.88	478.84	494.81	506.10	-	11.68	11.32	11.67	12.05	-
48	<b>COMMUNICATION</b> .....	360.87	356.96	393.35	394.57	-	9.09	9.06	10.06	10.04	-
481	Telephone communication .....	374.53	370.40	410.69	413.03	-	9.34	9.33	10.45	10.43	-
4817	Switchboard operating employees .....	258.91	248.30	287.71	293.91	-	7.66	7.57	8.64	8.67	-
4818	Line construction employees .....	481.14	466.28	510.35	513.94	-	11.01	10.92	11.98	11.98	-
483	Radio and television broadcasting .....	296.70	297.14	324.86	317.90	-	7.87	7.84	8.64	8.50	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	397.99	399.51	444.36	437.00	-	9.59	9.65	10.58	10.53	-
491	Electric services .....	409.92	409.78	445.42	441.83	-	9.76	9.78	10.58	10.57	-
492	Gas production and distribution .....	362.37	366.87	411.28	395.24	-	8.86	8.97	9.70	9.64	-
493	Combination utility services .....	436.77	439.60	505.26	499.45	-	10.55	10.67	12.03	11.92	-
495	Sanitary services .....	308.10	308.91	345.22	336.98	-	7.57	7.59	8.42	8.30	-
	<b>WHOLESALE AND RETAIL TRADE</b> .....	185.13	186.62	191.89	193.73	193.73	5.84	5.85	6.17	6.15	6.15
50, 51	<b>WHOLESALE TRADE</b> .....	282.65	285.67	303.51	302.93	303.28	7.38	7.42	7.95	7.93	7.95
50	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	285.22	289.03	301.75	303.77	-	7.37	7.43	7.92	7.89	-
501	Motor vehicles and automotive equipment .....	259.58	263.64	265.24	268.80	-	6.76	6.83	7.13	7.13	-
502	Furniture and home furnishings .....	250.28	253.27	261.72	265.24	-	5.71	6.79	7.21	7.13	-
503	Lumber and construction materials .....	289.94	292.99	292.76	299.47	-	7.61	7.61	7.87	7.86	-
504	Sporting goods, toys, and hobby goods .....	295.13	294.03	320.29	321.27	-	7.87	7.82	8.61	8.59	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	40.1	40.9	39.4	40.8	-	2.7	2.8	2.6	2.4	-
2841	Soap and other detergents .....	41.9	42.5	42.5	42.6	-	3.8	3.8	3.7	3.4	-
2844	Toilet preparations .....	39.3	40.5	37.5	40.2	-	2.4	2.6	1.9	2.0	-
2842, 3	Polishing, sanitation, and finishing preparations .....	39.3	39.6	38.8	39.7	-	1.9	2.1	2.4	1.8	-
285	Paints and allied products .....	40.0	40.6	38.3	39.1	-	2.3	2.8	1.6	1.3	-
286	Industrial organic chemicals .....	42.7	42.9	42.2	41.7	-	3.9	3.8	3.5	3.1	-
2865	Cyclic crudes and intermediates .....	41.4	40.4	42.0	41.4	-	4.0	3.4	3.1	2.2	-
2861, 9	Gum, wood, and industrial organic chemicals, nec .....	43.1	43.7	42.3	41.8	-	3.8	4.0	3.7	3.4	-
287	Agricultural chemicals .....	44.0	43.7	41.9	43.0	-	5.4	5.4	4.5	4.5	-
289	Miscellaneous chemical products .....	41.6	41.2	40.4	40.6	-	3.5	3.2	3.2	2.5	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	42.5	42.6	43.1	42.5	42.1	3.7	3.6	4.0	3.0	-
291	Petroleum refining .....	42.8	42.6	44.3	43.1	-	3.6	3.3	4.3	3.1	-
295	Paving and roofing materials .....	42.0	43.6	37.2	39.8	-	5.0	5.7	2.8	3.0	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	40.2	40.7	37.9	40.0	40.0	3.0	3.1	2.4	2.6	-
301	Tires and inner tubes .....	41.6	41.8	39.1	41.0	-	3.6	3.1	2.6	2.7	-
302	Rubber and plastics footwear .....	39.7	38.1	35.7	39.0	-	2.3	2.2	1.1	2.2	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	41.3	42.2	38.7	39.6	-	2.7	3.5	1.5	2.0	-
306	Fabricated rubber products, nec .....	39.8	40.4	37.7	39.8	-	2.5	2.6	2.0	2.3	-
307	Miscellaneous plastics products .....	39.9	40.6	37.7	39.8	-	3.0	3.2	2.6	2.7	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	36.7	36.8	33.3	35.4	35.5	1.4	1.3	1.1	1.1	-
311	Leather tanning and finishing .....	40.3	40.8	37.0	39.2	-	3.2	3.3	2.5	2.8	-
314	Footwear, except rubber .....	36.3	36.3	32.6	35.0	-	1.1	.9	.9	.9	-
3143	Men's footwear, except athletic .....	37.5	37.6	32.2	35.4	-	1.4	1.0	1.0	.9	-
3144	Women's footwear, except athletic .....	35.2	34.7	32.6	34.4	-	1.0	.8	.8	.8	-
316	Luggage .....	38.4	39.2	32.2	33.0	-	1.4	1.7	1.6	.7	-
317	Handbags and personal leather goods .....	35.9	35.8	34.2	35.6	-	1.9	1.5	1.0	.9	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.5	39.4	38.4	39.1	38.9					
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads .....	43.8	43.1	39.6	-	-					
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	33.5	33.5	32.7	33.2	-	-	-	-	-	-
411	Local and suburban transportation .....	38.7	38.7	39.3	39.5	-	-	-	-	-	-
413	Intercity highway transportation .....	35.2	32.2	34.4	34.8	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	38.9	39.1	37.0	38.6	-	-	-	-	-	-
421, 3	Trucking and trucking terminals .....	39.0	39.2	37.0	38.7	-	-	-	-	-	-
422	Public warehousing .....	38.1	38.2	36.8	37.8	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	41.0	42.3	42.4	42.0	-	-	-	-	-	-
48	<b>COMMUNICATION</b> .....	39.7	39.4	39.1	39.3	-	-	-	-	-	-
481	Telephone communication .....	40.1	39.7	39.3	39.6	-	-	-	-	-	-
4817	Switchboard operating employees .....	33.8	32.8	33.3	33.9	-	-	-	-	-	-
4818	Line construction employees .....	43.7	42.7	42.6	42.9	-	-	-	-	-	-
483	Radio and television broadcasting .....	37.7	37.9	37.6	37.4	-	-	-	-	-	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	41.5	41.4	42.0	41.5	-	-	-	-	-	-
491	Electric services .....	42.0	41.9	42.1	41.8	-	-	-	-	-	-
492	Gas production and distribution .....	40.9	40.9	42.4	41.0	-	-	-	-	-	-
493	Combination utility services .....	41.4	41.2	42.0	41.9	-	-	-	-	-	-
495	Sanitary services .....	40.7	40.7	41.0	40.6	-	-	-	-	-	-
	<b>WHOLESALE AND RETAIL TRADE</b> .....	31.7	31.9	31.1	31.5	31.5					
50, 51	<b>WHOLESALE TRADE</b> .....	38.3	38.5	37.8	38.2	38.1					
50	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	38.7	38.9	38.1	38.5	-	-	-	-	-	-
501	Motor vehicles and automotive equipment .....	38.4	38.6	37.2	37.7	-	-	-	-	-	-
502	Furniture and home furnishings .....	37.3	37.3	36.3	37.2	-	-	-	-	-	-
503	Lumber and construction materials .....	38.1	38.5	37.2	38.1	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods .....	37.5	37.6	37.2	37.4	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2. Gross metals and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>										
505	Metals and minerals, except petroleum .....	\$343.73	\$345.14	\$345.19	\$351.90	-	\$3.68	\$8.65	\$9.06	\$9.00	-
506	Electrical goods .....	302.64	307.32	337.04	333.37	-	7.78	7.88	8.62	8.57	-
507	Hardware, plumbing, and heating equipment .....	263.34	264.58	281.15	281.51	-	6.84	6.89	7.36	7.35	-
508	Machinery, equipment, and supplies .....	295.60	299.86	314.63	316.29	-	7.56	7.63	8.13	8.11	-
509	Miscellaneous durable goods .....	233.46	239.17	236.16	246.18	-	6.16	6.18	6.56	6.53	-
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> .....	277.49	280.48	299.20	301.60	-	7.38	7.42	8.00	8.00	-
511	Paper and paper products .....	304.43	313.22	316.97	322.65	-	8.25	8.42	8.59	8.65	-
512	Drugs, proprietaries, and sundries .....	291.14	288.97	308.42	314.13	-	7.89	7.81	8.52	8.63	-
513	Apparel, piece goods, and notions .....	240.67	245.81	258.12	263.15	-	6.54	6.59	7.19	7.19	-
514	Groceries and related products .....	278.98	280.46	301.98	304.34	-	7.40	7.40	8.01	8.03	-
516	Chemicals and allied products .....	347.60	349.38	362.45	364.33	-	8.89	8.89	9.39	9.39	-
517	Petroleum and petroleum products .....	351.43	353.42	385.52	379.45	-	3.83	8.97	9.59	9.51	-
518	Beer, wine, and distilled beverages .....	304.43	312.06	334.69	330.86	-	8.25	8.48	9.22	9.04	-
519	Miscellaneous nondurable goods .....	230.51	232.26	243.66	248.25	-	6.05	6.08	6.55	6.55	-
52-59	<b>RETAIL TRADE</b> .....	153.92	154.96	157.76	159.89	\$159.35	5.20	5.20	5.44	5.42	\$5.42
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	202.94	204.79	207.09	209.79	-	5.56	5.58	5.90	5.86	-
521	Lumber and other building materials .....	221.18	226.79	221.43	225.06	-	5.79	5.83	6.10	6.05	-
525	Hardware stores .....	165.17	164.67	174.57	175.54	-	4.96	4.96	5.29	5.24	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	142.29	145.80	147.64	149.29	-	5.10	5.08	5.33	5.37	-
531	Department stores .....	146.53	150.72	154.01	154.57	-	5.29	5.27	5.54	5.58	-
533	Variety stores .....	117.99	119.19	114.11	120.98	-	4.14	4.11	4.18	4.26	-
539	Misc. general merchandise stores .....	120.22	125.04	123.52	123.54	-	4.16	4.21	4.38	4.35	-
54	<b>FOOD STORES</b> .....	206.55	207.10	213.31	216.25	-	6.75	6.79	7.04	7.09	-
541	Grocery stores .....	215.29	215.82	221.74	224.60	-	5.99	7.03	7.27	7.34	-
546	Retail bakeries .....	137.37	136.12	134.10	142.48	-	4.82	4.81	4.93	4.93	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	223.13	226.88	230.64	230.64	-	5.95	6.05	6.20	6.20	-
551, 2	New and used car dealers .....	264.34	271.10	265.46	270.27	-	6.92	7.06	7.06	7.15	-
553	Auto and home supply stores .....	215.34	219.35	240.00	229.86	-	5.37	5.47	6.00	5.79	-
554	Gasoline service stations .....	168.50	168.38	175.79	175.79	-	4.76	4.77	4.98	4.98	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	126.59	128.24	131.65	133.51	-	4.57	4.58	4.84	4.82	-
561	Men's and boys' clothing and furnishings .....	161.79	162.65	170.19	167.55	-	5.27	5.23	5.58	5.44	-
562	Women's ready-to-wear stores .....	113.26	115.24	117.71	118.37	-	4.29	4.30	4.58	4.45	-
565	Family clothing stores .....	123.30	125.66	126.46	132.13	-	4.50	4.52	4.79	4.84	-
566	Shoe stores .....	128.87	130.29	130.02	136.50	-	4.57	4.67	4.78	5.00	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	198.46	201.34	209.84	209.37	-	5.82	5.87	6.19	6.14	-
571	Furniture and home furnishings stores .....	199.86	200.90	207.93	207.33	-	5.81	5.84	6.17	6.08	-
572	Household appliance stores .....	211.58	215.78	219.30	218.49	-	5.08	6.13	6.45	6.37	-
573	Radio, television, and music stores .....	188.91	194.30	208.28	210.33	-	5.69	5.80	6.09	6.15	-
58	<b>EATING AND DRINKING PLACES</b> <sup>5</sup> .....	100.49	101.01	100.78	104.49	-	3.91	3.90	4.08	4.05	-
59	<b>MISCELLANEOUS RETAIL</b> .....	158.81	157.99	163.18	165.09	-	5.09	5.08	5.35	5.36	-
591	Drug stores and proprietary stores .....	134.78	134.78	142.00	142.22	-	4.68	4.68	5.00	4.99	-
594	Miscellaneous shopping goods stores .....	142.67	142.71	145.53	149.20	-	4.74	4.71	4.95	4.99	-
596	Nonstore retailers .....	190.64	197.47	192.07	200.08	-	5.83	5.93	6.04	6.10	-
598	Fuel and ice dealers .....	276.40	261.32	305.45	288.86	-	6.91	6.77	7.45	7.35	-
599	Retail stores, nec .....	174.42	166.59	172.59	175.81	-	5.13	5.11	5.36	5.36	-
	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> <sup>6</sup> .....	226.04	225.32	237.83	240.31	240.37	6.21	6.19	6.57	6.62	6.64
60	<b>BANKING</b> .....	195.61	194.14	205.66	207.84	-	5.33	5.29	5.65	5.71	-
602	Commercial and stock savings banks .....	192.83	190.84	202.02	204.93	-	5.24	5.20	5.55	5.63	-
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	204.24	204.80	213.01	215.21	-	5.55	5.55	5.82	5.88	-
612	Savings and loan associations .....	192.72	191.63	197.11	198.55	-	5.28	5.25	5.46	5.50	-
614	Personal credit institutions .....	203.69	204.61	216.66	218.82	-	5.52	5.53	5.84	5.93	-
63	<b>INSURANCE CARRIERS</b> .....	251.70	255.07	277.88	282.38	-	5.73	6.82	7.47	7.53	-
631	Life insurance .....	260.68	263.71	294.30	297.75	-	6.97	7.07	7.94	7.94	-
632	Medical service and health insurance .....	240.03	243.58	266.19	267.02	-	6.35	6.41	6.95	6.99	-
633	Fire, marine, and casualty insurance .....	247.09	249.75	266.81	273.05	-	6.66	6.75	7.27	7.34	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>										
505	Metals and minerals, except petroleum .....	39.6	39.9	38.1	39.1	-	-	-	-	-	
506	Electrical goods .....	38.9	39.0	39.1	38.9	-	-	-	-	-	
507	Hardware, plumbing, and heating equipment .....	38.5	38.4	38.2	38.3	-	-	-	-	-	
508	Machinery, equipment, and supplies .....	39.1	39.3	38.7	39.0	-	-	-	-	-	
509	Miscellaneous durable goods .....	37.9	38.7	36.0	37.7	-	-	-	-	-	
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	37.6	37.8	37.4	37.7	-	-	-	-	-	
511	Paper and paper products .....	36.9	37.2	36.9	37.3	-	-	-	-	-	
512	Drugs, proprietaries, and sundries .....	36.9	37.0	36.2	36.4	-	-	-	-	-	
513	Apparel, piece goods, and notions .....	36.8	37.3	35.9	36.6	-	-	-	-	-	
514	Groceries and related products .....	37.7	37.9	37.7	37.9	-	-	-	-	-	
516	Chemicals and allied products .....	39.1	39.3	38.6	38.8	-	-	-	-	-	
517	Petroleum and petroleum products .....	39.8	39.4	40.2	39.9	-	-	-	-	-	
518	Beer, wine, and distilled beverages .....	36.9	36.8	36.3	36.6	-	-	-	-	-	
519	Miscellaneous nondurable goods .....	38.1	38.2	37.2	37.9	-	-	-	-	-	
52-59	<b>RETAIL TRADE</b>	29.6	29.8	29.0	29.5	29.4	-	-	-	-	
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b>	36.5	36.7	35.1	35.8	-	-	-	-	-	
521	Lumber and other building materials .....	38.2	38.9	36.3	37.2	-	-	-	-	-	
525	Hardware stores .....	33.3	33.2	33.0	33.5	-	-	-	-	-	
53	<b>GENERAL MERCHANDISE STORES</b>	27.9	28.7	27.7	27.8	-	-	-	-	-	
531	Department stores .....	27.7	28.6	27.8	27.7	-	-	-	-	-	
533	Variety stores .....	28.5	29.0	27.3	28.4	-	-	-	-	-	
539	Misc. general merchandise stores .....	28.9	29.7	28.2	28.4	-	-	-	-	-	
54	<b>FOOD STORES</b>	30.6	30.5	30.3	30.5	-	-	-	-	-	
541	Grocery stores .....	30.8	30.7	30.5	30.6	-	-	-	-	-	
546	Retail bakeries .....	28.5	28.3	27.2	28.9	-	-	-	-	-	
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b>	37.5	37.5	37.2	37.2	-	-	-	-	-	
551.2	New and used car dealers .....	38.2	38.4	37.6	37.8	-	-	-	-	-	
553	Auto and home supply stores .....	40.1	40.1	40.0	39.7	-	-	-	-	-	
554	Gasoline service stations .....	35.4	35.3	35.3	35.3	-	-	-	-	-	
56	<b>APPAREL AND ACCESSORY STORES</b>	27.7	28.0	27.2	27.7	-	-	-	-	-	
561	Men's and boys' clothing and furnishings .....	30.7	31.1	30.5	30.8	-	-	-	-	-	
562	Women's ready-to-wear stores .....	26.4	26.8	25.7	26.6	-	-	-	-	-	
565	Family clothing stores .....	27.4	27.8	26.4	27.3	-	-	-	-	-	
566	Shoe stores .....	28.2	27.9	27.2	27.3	-	-	-	-	-	
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>	34.1	34.3	33.9	34.1	-	-	-	-	-	
571	Furniture and home furnishings stores .....	34.4	34.4	33.7	34.1	-	-	-	-	-	
572	Household appliance stores .....	34.8	35.2	34.0	34.3	-	-	-	-	-	
573	Radio, television, and music stores .....	33.2	33.5	34.2	34.2	-	-	-	-	-	
58	<b>EATING AND DRINKING PLACES</b>	25.7	25.9	24.7	25.8	-	-	-	-	-	
59	<b>MISCELLANEOUS RETAIL</b>	31.2	31.1	30.5	30.8	-	-	-	-	-	
591	Drug stores and proprietary stores .....	28.8	28.8	28.4	28.5	-	-	-	-	-	
594	Miscellaneous shopping goods stores .....	30.1	30.3	29.4	29.9	-	-	-	-	-	
596	Nonstore retailers .....	32.7	33.3	31.8	32.8	-	-	-	-	-	
598	Fuel and ice dealers .....	40.0	38.6	41.0	39.3	-	-	-	-	-	
599	Retail stores, nec .....	34.0	32.6	32.2	32.8	-	-	-	-	-	
	<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	36.4	36.4	36.2	36.3	36.2	-	-	-	-	
60	<b>BANKING</b>	36.7	36.7	36.4	36.4	-	-	-	-	-	
602	Commercial and stock savings banks .....	36.8	36.7	36.4	36.4	-	-	-	-	-	
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b>	36.8	36.9	36.6	36.6	-	-	-	-	-	
612	Savings and loan associations .....	36.5	36.5	36.1	36.1	-	-	-	-	-	
614	Personal credit institutions .....	36.9	37.0	37.1	36.9	-	-	-	-	-	
63	<b>INSURANCE CARRIERS</b>	37.4	37.4	37.2	37.5	-	-	-	-	-	
631	Life insurance .....	37.4	37.3	37.3	37.5	-	-	-	-	-	
632	Medical service and health insurance .....	37.8	38.0	38.3	38.2	-	-	-	-	-	
633	Fire, marine, and casualty insurance .....	37.1	37.0	36.7	37.2	-	-	-	-	-	

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>SERVICES</b> .....	\$204.40	\$205.05	\$219.32	\$221.00	\$220.32	\$5.27	\$6.29	\$6.79	\$6.80	\$6.80
	<b>HOTELS AND OTHER LODGING PLACES:</b>										
701	Hotels, motels, and tourist courts .....	145.62	145.01	149.72	152.71	-	4.79	4.77	5.11	5.04	-
	<b>PERSONAL SERVICES:</b>										
721	Laundry, cleaning, and garment services .....	157.84	159.60	162.97	166.66	-	4.74	4.75	5.03	5.02	-
723	Beauty shops .....	131.82	142.14	132.42	139.71	-	4.53	4.63	4.63	4.72	-
73	<b>BUSINESS SERVICES</b> .....	209.26	212.83	219.89	225.66	-	6.38	6.43	6.85	6.88	-
731	Advertising .....	312.23	311.87	315.24	317.20	-	8.82	8.81	8.88	8.91	-
734	Services to buildings .....	145.53	149.06	145.08	146.02	-	5.37	5.48	5.58	5.51	-
737	Computer and data processing services .....	275.63	281.55	311.54	319.55	-	7.49	7.63	8.42	8.59	-
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	233.87	236.76	248.34	250.66	-	5.27	6.28	6.73	6.72	-
753	Automotive repair shops .....	261.03	263.35	276.48	280.14	-	6.78	6.77	7.20	7.22	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	286.46	289.14	300.20	306.14	-	7.46	7.51	7.90	7.87	-
78	<b>MOTION PICTURES</b> .....	251.06	248.24	257.32	249.65	-	8.84	9.06	9.71	9.35	-
781	Motion picture production and services .....	502.21	495.50	535.31	506.69	-	12.65	12.87	14.05	13.44	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	177.30	173.16	176.75	184.38	-	5.91	5.93	6.18	6.25	-
80	<b>HEALTH SERVICES</b> .....	200.74	201.39	225.77	221.38	-	6.12	6.14	6.78	6.77	-
801	Offices of physicians .....	207.68	208.33	212.00	214.01	-	6.39	6.41	6.73	6.73	-
802	Offices of dentists .....	174.75	175.89	183.77	186.97	-	6.11	6.15	6.54	6.63	-
805	Nursing and personal care facilities .....	138.26	138.26	148.36	148.82	-	4.46	4.46	4.74	4.77	-
806	Hospitals .....	221.71	222.05	248.15	249.56	-	6.54	6.55	7.32	7.34	-
81	<b>LEGAL SERVICES</b> .....	274.85	273.94	287.93	288.81	-	8.06	8.01	8.37	8.42	-
89	<b>MISCELLANEOUS SERVICES</b> .....	351.51	353.72	373.81	383.55	-	9.13	9.14	9.76	9.86	-
891	Engineering and architectural services .....	382.14	386.23	411.77	424.54	-	9.90	9.98	10.64	10.83	-
893	Accounting, auditing, and bookkeeping .....	304.96	306.86	311.50	324.39	-	7.74	7.71	8.07	8.13	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of non-supervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Money payments only; tips, not included.

<sup>6</sup> Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	<b>SERVICES</b> .....	32.6	32.6	32.3	32.5	32.4					
701	<b>HOTELS AND OTHER LODGING PLACES:</b>										
	Hotels, motels, and tourist courts <sup>5</sup> .....	30.4	30.4	29.3	30.3	-	-	-	-	-	
	<b>PERSONAL SERVICES:</b>										
721	Laundry, cleaning, and garment services .....	33.3	33.6	32.4	33.2	-	-	-	-	-	
723	Beauty shops <sup>5</sup> .....	29.1	30.7	28.6	29.6	-	-	-	-	-	
73	<b>BUSINESS SERVICES</b> .....	32.8	33.1	32.1	32.8	-	-	-	-	-	
731	Advertising .....	35.4	35.4	35.5	35.6	-	-	-	-	-	
734	Services to buildings .....	27.1	27.2	26.0	26.5	-	-	-	-	-	
737	Computer and data processing services .....	36.8	36.9	37.0	37.2	-	-	-	-	-	
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	37.3	37.7	36.9	37.3	-	-	-	-	-	
753	Automotive repair shops .....	38.5	38.9	38.4	38.8	-	-	-	-	-	
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	38.4	38.5	38.0	38.9	-	-	-	-	-	
78	<b>MOTION PICTURES</b> .....	28.4	27.4	26.5	26.7	-	-	-	-	-	
781	Motion picture production and services .....	39.7	38.5	38.1	37.7	-	-	-	-	-	
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	30.0	29.2	28.6	29.5	-	-	-	-	-	
80	<b>HEALTH SERVICES</b> .....	32.8	32.8	33.3	32.7	-	-	-	-	-	
801	Offices of physicians .....	32.5	32.5	31.5	31.8	-	-	-	-	-	
802	Offices of dentists .....	28.6	28.6	28.1	28.2	-	-	-	-	-	
805	Nursing and personal care facilities .....	31.0	31.0	31.3	31.2	-	-	-	-	-	
806	Hospitals .....	33.9	33.9	33.9	34.0	-	-	-	-	-	
81	<b>LEGAL SERVICES</b> .....	34.1	34.2	34.4	34.3	-	-	-	-	-	
89	<b>MISCELLANEOUS SERVICES</b> .....	38.5	38.7	38.3	38.9	-	-	-	-	-	
891	Engineering and architectural services .....	38.6	38.7	38.7	39.2	-	-	-	-	-	
893	Accounting, auditing, and bookkeeping .....	39.4	39.8	38.6	39.9	-	-	-	-	-	

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
<b>MANUFACTURING</b>	<b>\$7.48</b>	<b>\$7.53</b>	<b>\$8.17</b>	<b>\$8.09</b>	<b>\$8.13</b>
<b>DURABLE GOODS</b>	<b>7.98</b>	<b>8.04</b>	<b>8.67</b>	<b>8.64</b>	<b>8.69</b>
Lumber and wood products	6.59	6.56	7.22	7.07	-
Furniture and fixtures	5.60	5.62	6.16	6.06	-
Stone, clay, and glass products	7.56	7.59	8.41	8.33	-
Primary metal industries	10.16	10.13	10.91	10.90	-
Fabricated metal products	7.65	7.74	8.33	8.35	-
Machinery, except electrical	8.23	8.29	8.91	8.92	-
Electric and electronic equipment	7.23	7.27	7.84	7.82	-
Transportation equipment	9.57	9.70	10.42	10.43	-
Transportation equipment	7.00	7.03	7.77	7.77	-
Instruments and related products	5.69	5.71	6.19	6.21	-
Miscellaneous manufacturing industries					
<b>NONDURABLE GOODS</b>	<b>6.74</b>	<b>6.77</b>	<b>7.43</b>	<b>7.31</b>	<b>7.34</b>
Food and kindred products	6.93	6.99	7.48	7.44	-
Tobacco manufactures	8.29	8.49	9.02	9.37	-
Textile mill products	5.15	5.16	5.63	5.61	-
Apparel and other textile products	4.81	4.86	5.14	5.07	-
Paper and allied products	7.87	7.90	8.62	8.59	-
Printing and publishing	7.72	7.77	8.36	8.34	-
Chemicals and allied products	8.46	8.51	9.33	9.32	-
Petroleum and coal products	10.86	10.78	11.38	11.64	-
Rubber and misc. plastics products	6.79	6.81	7.38	7.35	-
Leather and leather products	4.79	4.81	5.09	5.13	-

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

p = preliminary.

## C-4. Gross average weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry, in current and 1977 dollars

INDUSTRY	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
<b>TOTAL PRIVATE:</b>					
Current dollars	\$247.10	\$249.92	\$255.95	\$261.64	\$261.99
Constant (1977) dollars	170.19	171.06	164.70	167.83	-
<b>MINING:</b>					
Current dollars	422.01	416.66	457.10	463.47	465.78
Constant (1977) dollars	290.64	285.19	294.14	297.29	-
<b>CONSTRUCTION:</b>					
Current dollars	364.35	388.37	383.79	401.21	413.61
Constant (1977) dollars	250.93	265.82	246.97	257.35	-
<b>MANUFACTURING:</b>					
Current dollars	306.13	311.22	312.01	326.54	327.27
Constant (1977) dollars	210.83	213.02	200.78	209.45	-
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>					
Current dollars	373.28	371.15	389.75	397.26	394.45
Constant (1977) dollars	257.08	254.04	250.81	254.82	-
<b>WHOLESALE AND RETAIL TRADE:</b>					
Current dollars	185.13	186.62	191.89	193.73	193.73
Constant (1977) dollars	127.50	127.73	123.43	124.27	-
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>					
Current dollars	226.04	225.32	237.83	240.31	240.37
Constant (1977) dollars	155.67	154.22	153.04	154.14	-
<b>SERVICES:</b>					
Current dollars	204.40	205.05	219.32	221.00	220.32
Constant (1977) dollars	140.77	140.35	141.13	141.76	-

p = preliminary.

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group**

(1977=100)

Industry division and group	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	Hours				
<b>TOTAL PRIVATE..</b>	105.0	106.6	101.5	104.0	104.2
<b>GOODS-PRODUCING..</b>	97.5	100.5	87.6	92.5	92.9
<b>MINING..</b>	126.2	126.1	133.8	135.6	136.6
<b>CONSTRUCTION..</b>	94.1	104.8	83.5	89.3	94.3
<b>MANUFACTURING</b>	96.8	98.4	86.3	91.1	90.6
<b>DURABLE GOODS</b>	97.1	99.3	85.9	90.0	89.5
Lumber and wood products	87.9	89.5	67.3	76.0	75.3
Furniture and fixtures	97.8	99.1	79.9	91.6	90.4
Stone, clay, and glass products	86.7	90.5	75.3	78.1	79.4
Primary metal industries	93.9	95.2	79.1	79.9	78.6
Fabricated metal products	94.9	96.9	83.7	86.9	86.5
Machinery, except electrical	110.0	111.5	101.7	105.4	103.4
Electric and electronic equipment	105.7	107.7	98.6	102.4	101.3
Transportation equipment	85.8	90.2	74.4	78.4	80.0
Instruments and related products	111.4	112.0	104.6	107.9	108.5
Miscellaneous manufacturing industries	87.7	90.1	80.9	85.2	86.0
<b>NONDURABLE GOODS</b>	96.4	97.1	86.8	92.8	92.1
Food and kindred products	94.0	93.2	90.9	93.4	92.4
Tobacco manufactures	97.1	90.4	94.9	94.9	85.7
Textile mill products	90.9	91.4	66.7	81.2	79.3
Apparel and other textile products	92.9	95.1	75.3	89.8	88.7
Paper and allied products	98.3	98.9	93.7	95.0	93.6
Printing and publishing	107.3	108.2	106.1	109.2	110.2
Chemicals and allied products	100.5	101.4	96.2	96.9	96.8
Petroleum and coal products	98.1	99.3	91.0	88.6	88.0
Rubber and misc. plastics products	99.5	101.2	91.1	95.4	95.7
Leather and leather products	88.0	88.7	75.8	77.4	77.7
<b>SERVICE-PRODUCING</b>	109.1	109.9	109.2	110.3	110.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	104.1	104.1	100.1	101.4	101.0
<b>WHOLESALE AND RETAIL TRADE</b>	103.0	104.0	103.3	104.0	104.3
<b>WHOLESALE TRADE</b>	109.2	110.2	107.7	108.5	108.6
<b>RETAIL TRADE</b>	100.7	101.6	101.6	102.3	102.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	116.4	116.7	117.0	117.0	117.2
<b>SERVICES</b>	116.1	117.3	117.3	119.1	119.6

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>p</sup> preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	Payrolls				
TOTAL PRIVATE .....	141.2	144.1	146.0	149.3	150.1
GOODS-PRODUCING .....	131.8	137.0	129.4	134.9	136.3
MINING .....	179.2	178.8	205.7	207.6	208.8
CONSTRUCTION .....	120.9	134.9	119.1	124.2	131.2
MANUFACTURING .....	132.1	135.2	127.9	133.7	133.5
DURABLE GOODS .....	132.3	136.3	126.3	131.8	131.8
Lumber and wood products .....	117.5	119.2	97.7	108.4	107.4
Furniture and fixtures .....	129.2	131.6	115.5	130.3	129.3
Stone, clay, and glass products .....	117.7	123.7	113.1	116.3	118.7
Primary metal industries .....	134.0	135.2	119.9	120.9	119.7
Fabricated metal products .....	127.1	131.5	121.2	126.1	126.3
Machinery, except electrical .....	150.4	153.6	149.6	155.2	152.6
Electric and electronic equipment .....	145.7	149.3	146.8	152.0	151.4
Transportation equipment .....	116.9	124.7	109.5	115.8	118.9
Instruments and related products .....	151.5	153.0	157.0	162.4	163.1
Miscellaneous manufacturing industries .....	117.2	120.8	117.0	123.8	125.3
NONDURABLE GOODS .....	131.7	133.3	130.6	137.2	136.4
Food and kindred products .....	126.7	126.5	132.6	134.8	134.0
Tobacco manufactures .....	149.9	140.4	156.8	163.1	149.9
Textile mill products .....	121.9	122.8	96.3	117.6	114.8
Apparel and other textile products .....	125.0	129.6	108.0	127.5	126.2
Paper and allied products .....	136.6	137.8	142.6	143.4	142.0
Printing and publishing .....	139.4	141.6	149.3	153.3	155.2
Chemicals and allied products .....	137.4	139.4	144.8	145.4	145.0
Petroleum and coal products .....	142.0	142.4	138.3	136.4	134.1
Rubber and misc. plastics products .....	135.5	138.4	134.1	140.1	140.6
Leather and leather products .....	119.1	120.5	108.9	111.8	112.4
SERVICE-PRODUCING .....	147.8	149.1	157.8	159.5	159.8
TRANSPORTATION AND PUBLIC UTILITIES .....	140.7	140.2	145.3	147.4	146.4
WHOLESALE AND RETAIL TRADE .....	140.6	142.3	148.9	149.5	149.9
WHOLESALE TRADE .....	149.4	151.8	158.9	159.7	160.2
RETAIL TRADE .....	135.8	137.2	143.5	144.1	144.4
FINANCE, INSURANCE, AND REAL ESTATE .....	159.3	159.1	169.1	170.5	171.3
SERVICES .....	156.6	158.7	171.2	174.1	174.8

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

**C-6. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry division and major manufacturing group, seasonally adjusted**

Industry	1961										1962		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
<b>TOTAL PRIVATE</b> .....	35.3	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9	34.2	35.0	34.8
<b>MINING</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>CONSTRUCTION</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>MANUFACTURING</b> .....	39.9	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.3	37.3	39.5	39.0
<i>Overtime hours</i> .....	2.8	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.9
<b>DURABLE GOODS</b> .....	40.4	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.3	37.9	39.8	39.4
<i>Overtime hours</i> .....	2.8	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4	2.2	2.2	2.1
Lumber and wood products .....	39.1	39.6	39.8	39.0	38.8	38.6	37.3	37.6	37.5	37.6	34.6	37.9	37.3
Furniture and fixtures .....	38.6	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.7	37.7	32.6	37.6	37.0
Stone, clay, and glass products .....	40.7	41.2	41.0	40.8	40.9	40.8	40.3	40.0	40.0	39.5	38.3	40.1	39.5
Primary metal industries .....	41.0	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.7	39.2	38.4	39.5	39.0
Fabricated metal products .....	40.4	40.3	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.2	37.9	39.7	39.3
Machinery, except electrical .....	40.9	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3	39.0	40.6	40.0
Electric and electronic equipment .....	40.0	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.2	38.1	39.9	39.5
Transportation equipment .....	40.9	42.0	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.4	38.7	40.8	40.3
Instruments and related products .....	40.5	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	39.3	38.6	40.0	40.3
Miscellaneous manufacturing ind .....	38.7	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.4	36.9	38.7	38.5
<b>NONDURABLE GOODS</b> .....	39.2	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.6	36.4	39.0	38.5
<i>Overtime hours</i> .....	2.8	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.4	2.4	2.6	2.5
Food and kindred products .....	39.7	40.1	40.0	39.8	39.4	39.4	39.2	39.5	39.6	39.8	39.1	40.3	39.9
Tobacco manufactures .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products .....	39.9	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.8	37.8	31.3	38.0	37.5
Apparel and other textile products .....	35.7	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1	30.7	35.5	34.9
Paper and allied products .....	42.4	42.5	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.8	41.2	42.3	41.7
Printing and publishing .....	37.1	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.2	36.5	37.5	37.2
Chemicals and allied products .....	41.5	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.3	40.8	41.3	40.8
Petroleum and coal products .....	43.5	44.1	43.8	43.4	43.1	42.8	43.3	42.1	42.3	42.6	44.3	43.8	43.0
Rubber and misc. plastics products .....	40.5	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.6	39.4	37.8	40.1	39.8
Leather and leather products .....	37.1	36.6	37.1	37.4	36.5	36.9	36.1	36.8	36.7	36.1	33.6	35.6	35.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>WHOLESALE AND RETAIL TRADE</b> .....	32.2	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9	31.6	32.0	31.8
<b>WHOLESALE TRADE</b> .....	38.6	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4	38.0	39.5	38.2
<b>RETAIL TRADE</b> .....	30.2	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.9	29.6	30.0	29.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>SERVICES</b> .....	32.8	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.7	32.5	32.7	32.5

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p preliminary.

<sup>2</sup> This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

## C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
<b>TOTAL PRIVATE</b> .....	108.4	108.9	108.9	108.7	109.4	109.2	108.6	108.4	108.0	106.9	104.3	107.1	106.1
<b>GOODS-PRODUCING</b> .....	102.4	102.3	103.1	102.6	103.5	103.4	101.1	100.8	99.3	96.8	90.9	96.4	94.8
<b>MINING</b> .....	128.2	112.0	113.3	128.0	136.5	139.8	139.0	140.1	141.1	143.0	137.2	139.5	139.3
<b>CONSTRUCTION</b> .....	116.6	115.3	112.9	109.3	110.9	110.0	105.2	109.8	111.0	108.4	99.1	107.5	105.9
<b>MANUFACTURING</b> .....	98.4	99.9	100.7	100.2	100.5	100.4	98.5	97.2	95.1	92.4	87.2	92.2	90.6
<b>DURABLE GOODS</b> .....	98.6	100.7	101.1	100.6	100.9	100.9	98.6	96.9	94.1	90.8	86.3	90.5	88.9
Lumber and wood products .....	91.9	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.6	77.5	70.7	79.2	77.2
Furniture and fixtures .....	97.4	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.1	93.6	79.6	90.8	88.9
Stone, clay, and glass products .....	92.7	94.8	94.5	93.9	94.5	94.6	92.5	90.0	88.2	84.9	79.7	83.5	81.3
Primary metal industries .....	94.7	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.4	82.3	79.0	80.1	78.3
Fabricated metal products .....	96.2	98.2	98.7	98.4	98.8	98.4	95.5	94.3	91.3	88.0	83.8	87.2	85.7
Machinery, except electrical .....	109.1	110.5	111.8	111.5	111.7	112.9	110.9	111.3	109.1	106.1	100.6	104.1	101.2
Electric and electronic equipment .....	107.0	108.4	109.6	109.2	110.9	110.5	108.2	107.8	103.1	100.5	98.2	102.0	100.5
Transportation equipment .....	88.7	93.3	92.2	91.9	91.1	91.6	88.8	84.7	82.4	76.4	73.9	79.3	79.0
Instruments and related products .....	111.5	110.9	112.0	111.7	113.3	113.9	113.0	112.0	110.4	109.0	104.5	107.7	107.7
Miscellaneous manufacturing ind .....	90.6	92.0	92.4	92.2	95.4	92.8	91.4	92.2	90.2				
<b>NONDURABLE GOODS</b> .....	98.1	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	94.8	88.6	94.6	93.0
Food and kindred products .....	99.0	100.5	100.8	98.1	98.4	96.8	96.3	97.8	98.0	97.8	95.4	99.8	98.2
Tobacco manufactures .....	96.5	96.5	98.4	98.3	103.2	110.1	103.3	98.1	95.8	93.3	95.2	97.6	92.4
Textile mill products .....	90.7	90.7	92.6	92.1	93.7	92.7	89.6	88.7	86.1	82.6	66.8	80.9	78.8
Apparel and other textile products .....	94.3	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.4	78.5	90.7	87.9
Paper and allied products .....	99.1	99.9	100.8	100.7	100.9	101.1	103.0	99.2	97.3	95.8	93.8	95.8	93.7
Printing and publishing .....	107.8	108.5	109.5	108.8	108.8	109.3	109.3	109.3	108.4	109.1	107.1	110.0	109.7
Chemicals and allied products .....	101.0	101.2	102.0	102.5	102.4	102.2	103.8	101.0	99.6	98.8	96.5	97.3	96.2
Petroleum and coal products .....	103.9	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	96.4	95.5	94.5	92.0
Rubber and misc. plastics products .....	100.1	102.2	105.3	104.7	103.6	105.0	101.7	100.1	97.0	94.8	90.5	95.1	94.7
Leather and leather products .....	89.3	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.2	84.6	77.9	78.1	78.6
<b>SERVICE-PRODUCING</b> .....	111.8	112.3	112.0	112.1	112.6	112.5	112.8	112.7	112.8	112.4	111.7	113.0	112.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	105.1	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.7	103.2	102.0	103.1	102.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	106.9	107.2	106.9	107.0	107.8	107.9	108.0	107.7	107.3	106.5	105.9	107.7	106.9
<b>WHOLESALE TRADE</b> .....	111.1	111.4	111.4	111.3	112.3	112.1	111.8	111.5	111.8	110.8	108.9	110.2	109.2
<b>RETAIL TRADE</b> .....	105.4	105.6	105.2	105.3	106.0	106.2	106.6	106.2	105.5	104.9	104.7	105.8	105.0
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	117.5	117.3	117.4	117.6	118.1	118.7	118.3	118.5	118.2	118.2	118.0	117.9	118.1
<b>SERVICES</b> .....	118.4	119.3	119.2	118.7	119.3	119.0	119.6	120.1	120.8	121.2	120.4	121.4	120.8

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p preliminary.



## ESTABLISHMENT DATA SEASONALLY ADJUSTED

**C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1991										1992		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
Hourly Earnings Index <sup>2</sup> (1977=100)													
TOTAL PRIVATE (In current dollars) . . . . .	135.8	135.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.5	145.1	145.2	145.8
MINING . . . . .	144.0	145.7	145.6	147.2	148.9	149.4	151.5	151.3	153.3	153.2	156.0	155.8	156.2
CONSTRUCTION . . . . .	128.6	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.4	136.2	140.8	139.0	138.0
MANUFACTURING . . . . .	138.5	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	147.0	149.0	149.1	150.0
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	136.1	137.3	138.9	139.8	139.3	141.8	141.7	142.0	144.0	144.4	145.8	145.3	147.2
WHOLESALE AND RETAIL TRADE . . . . .	135.8	136.4	137.4	137.8	138.4	140.0	141.2	140.5	141.5	141.9	142.3	142.7	143.1
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	136.0	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.2	141.8	143.4	143.8	145.7
SERVICES . . . . .	134.0	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.6	142.7	143.6	144.1	144.6
TOTAL PRIVATE (In 1977 dollars) <sup>4</sup> . . . . .	92.8	93.1	93.0	92.9	92.2	92.6	92.1	92.0	92.5	92.3	93.1	92.9	-
Average hourly earnings													
TOTAL PRIVATE . . . . .	\$7.09	\$7.14	\$7.18	\$7.23	\$7.26	\$7.34	\$7.37	\$7.39	\$7.45	\$7.45	\$7.52	\$7.52	\$7.56
MINING . . . . .	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION . . . . .	10.49	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.09	11.16	11.53	11.30	11.32
MANUFACTURING . . . . .	7.80	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.18	8.19	8.37	8.32	8.35
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	9.48	9.57	9.67	9.74	9.71	9.88	9.88	9.89	9.99	10.03	10.15	10.15	10.20
WHOLESALE AND RETAIL TRADE . . . . .	5.81	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.08	6.08	6.08	6.11
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES . . . . .	6.24	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.64	6.65	6.72	6.72	6.75
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars . . . . .	250.28	252.76	253.45	254.50	256.28	258.37	257.21	258.65	250.75	260.01	257.18	263.20	263.09
1977 dollars <sup>4</sup> . . . . .	170.96	172.06	171.37	170.92	170.06	170.20	167.45	167.74	168.23	167.21	164.96	168.39	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

<sup>3</sup> The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

<sup>4</sup> The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

<sup>5</sup> See footnote 2, table C-6.  
p=preliminary.

**C-9. Hours of wage and salary workers<sup>1</sup> in nonagricultural establishments by industry division**

Industry division	Millions of hours (Annual rate) <sup>2</sup>			Percent change		
	January r1981	February r1981	March p1982	Mar. 1981 to Mar. 1982	Jan. 1982 to Feb. 1982	Feb. 1982 to Mar. 1982
TOTAL . . . . .	166,066	170,616	169,399	-1.6	2.7	-0.7
PRIVATE SECTOR . . . . .	136,698	139,400	137,980	-1.5	2.0	-1.0
MINING . . . . .	2,707	2,739	2,720	9.9	1.2	-0.7
CONSTRUCTION . . . . .	7,706	8,074	7,923	-7.9	4.8	-1.9
MANUFACTURING . . . . .	39,136	40,481	39,852	-5.5	3.4	-1.6
DURABLE GOODS . . . . .	23,629	24,279	23,934	-6.6	2.7	-1.4
NONDURABLE GOODS . . . . .	15,507	16,202	15,918	-3.7	4.5	-1.8
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	10,349	10,425	10,361	-2.3	0.7	-0.6
WHOLESALE AND RETAIL TRADE . . . . .	34,688	35,224	34,812	0.2	1.5	-1.2
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	10,111	10,142	10,137	1.0	0.3	0.0
SERVICES . . . . .	32,001	32,315	32,176	2.1	1.0	-0.4
GOVERNMENT . . . . .	29,368	31,217	31,419	-1.6	6.3	0.6

<sup>1</sup> Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

<sup>2</sup> "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-10. Indexes of output and compensation per hour, unit costs, and prices,  
private business sector, seasonally adjusted**

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979			1980				1981			
	1980	1981	II	III	IV	I	II	III	IV	I	II	III	IV
<b>PRIVATE BUSINESS SECTOR:</b>													
Output per hour of all persons . . . .	99.3	100.4	99.7	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.2	100.9	r99.2
Output . . . . .	106.8	108.9	107.1	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	r107.5
Hours . . . . .	107.5	108.5	107.4	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.2	108.4	108.4
Compensation per hour . . . . .	131.5	144.6	118.1	120.7	123.2	126.4	130.1	133.1	135.9	139.8	143.3	146.5	148.5
Real compensation per hour . . . . .	96.7	96.4	100.3	99.2	98.0	96.7	96.6	96.9	96.0	96.1	96.9	96.3	95.8
Unit labor costs . . . . .	132.4	r144.0	118.5	121.4	124.3	127.0	131.3	133.9	137.1	139.4	141.6	145.2	r149.7
Unit nonlabor payments . . . . .	118.3	r130.5	110.4	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	132.4	r132.5
Implicit price deflator . . . . .	127.6	r139.4	115.8	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	140.9	r143.9
<b>NONFARM BUSINESS SECTOR:</b>													
Output per hour of all persons . . . .	98.8	99.7	99.1	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	r98.2
Output . . . . .	106.8	r108.8	107.1	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	109.0	r106.9
Hours . . . . .	108.1	109.1	108.0	109.0	109.4	109.7	107.0	106.9	108.8	109.7	109.0	109.1	108.8
Compensation per hour . . . . .	130.8	143.9	117.7	120.2	123.0	126.0	129.4	132.3	135.4	139.2	142.4	145.7	r147.9
Real compensation per hour . . . . .	96.2	95.9	100.0	98.8	97.8	96.4	96.0	96.3	95.7	95.7	96.3	95.8	r95.4
Unit labor costs . . . . .	132.4	r144.3	118.7	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	145.8	r150.6
Unit nonlabor payments . . . . .	117.6	r130.3	107.7	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	132.2	r132.7
Implicit price deflator . . . . .	127.4	139.6	115.1	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.2	r144.6
<b>MANUFACTURING:</b>													
Output per hour of all persons . . . .	101.7	104.5	102.3	102.0	102.1	102.0	100.7	100.7	103.2	104.2	105.2	105.5	r102.5
Output . . . . .	103.6	106.3	108.5	108.5	108.2	108.0	101.6	99.9	105.1	107.0	107.8	107.8	102.4
Hours . . . . .	101.9	101.7	106.1	106.4	106.0	r105.8	100.9	99.2	101.8	102.7	102.5	102.2	r99.9
Compensation per hour . . . . .	131.6	146.2	118.6	119.8	122.3	125.4	130.0	133.9	137.3	141.1	144.8	148.0	150.7
Real compensation per hour . . . . .	96.8	97.4	100.7	98.5	97.2	96.0	96.5	97.5	97.0	97.1	97.9	97.3	97.2
Unit labor costs . . . . .	129.4	140.0	115.9	117.5	119.8	122.9	129.0	133.0	133.0	135.5	137.6	140.3	r147.0
<b>DURABLE GOODS</b>													
Output per hour of all persons . . . .	99.7	102.8	101.6	100.1	100.3	99.9	99.0	98.4	101.2	102.5	103.8	103.9	r100.7
Output . . . . .	102.9	105.7	110.4	109.5	109.1	108.4	100.7	98.1	104.2	106.4	107.7	107.4	101.2
Hours . . . . .	103.2	102.8	108.6	109.3	108.7	r108.4	101.8	99.7	103.0	103.9	103.7	103.3	r100.5
Compensation per hour . . . . .	131.7	146.9	118.4	119.3	121.5	125.2	130.0	134.2	137.8	141.7	145.3	148.7	r151.4
Real compensation per hour . . . . .	96.9	97.9	100.6	98.1	96.6	95.8	96.5	97.7	97.4	97.4	98.3	97.7	97.7
Unit labor costs . . . . .	132.1	r142.8	116.6	119.2	121.1	125.2	131.4	136.4	136.2	138.3	140.0	143.0	r150.4
<b>NONDURABLE GOODS</b>													
Output per hour of all persons . . . .	104.9	106.9	103.5	105.0	104.9	105.3	103.4	104.3	106.4	106.9	107.4	108.0	105.2
Output . . . . .	104.8	107.1	105.9	107.0	107.0	107.4	102.9	102.6	106.3	107.8	108.0	108.5	104.3
Hours . . . . .	99.9	100.2	102.2	101.9	102.0	102.0	99.5	98.4	99.9	100.9	100.6	100.5	99.1
Compensation per hour . . . . .	130.9	144.7	118.2	119.9	122.9	125.0	129.6	133.3	136.0	139.7	143.3	146.4	r149.2
Real compensation per hour . . . . .	96.3	96.4	100.3	98.5	97.7	95.7	96.2	97.1	96.1	96.1	96.9	96.2	96.2
Unit labor costs . . . . .	124.8	135.3	114.1	114.2	117.2	118.7	125.3	127.8	127.8	130.7	133.5	135.6	r141.8
<b>NONFINANCIAL CORPORATIONS:</b>													
Output per all-employee hour . . . .	101.0	p103.5	100.7	100.5	99.9	100.2	100.1	101.8	101.8	103.3	103.9	103.8	N.A.
Output . . . . .	108.5	p112.2	109.0	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	112.8	N.A.
Hours . . . . .	107.5	p108.5	108.3	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.6	108.7	N.A.
Compensation per hour . . . . .	130.7	p143.9	117.6	120.1	122.7	125.7	129.3	132.5	135.5	139.2	142.3	145.5	N.A.
Real compensation per hour . . . . .	96.2	p 95.9	99.9	98.7	97.5	96.2	95.9	96.5	95.7	95.7	96.2	95.6	N.A.
Total unit costs . . . . .	129.7	p140.9	115.3	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	N.A.
Unit labor costs . . . . .	129.4	p139.1	116.8	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	N.A.
Unit nonlabor costs . . . . .	130.2	p146.1	111.2	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	147.7	N.A.
Unit profits . . . . .	90.2	p103.4	100.7	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	106.7	N.A.
Implicit price deflator . . . . .	125.2	p136.7	113.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	138.2	N.A.

p=preliminary.  
r=revised.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate**

Item	Quarterly percent change						Annual percent change					
	II 1980 to	III 1980 to	IV 1980 to	I 1981 to	II 1981 to	III 1981 to	III 1979 to	IV 1979 to	I 1980 to	II 1980 to	III 1980 to	IV 1980 to
	III 1980	IV 1980	I 1981	II 1981	III 1981	IV 1981	III 1980	IV 1980	I 1981	II 1981	III 1981	IV 1981
<b>PRIVATE BUSINESS SECTOR:</b>												
Output per hour of all persons	1.3	-1.1	4.7	3.5	-1.1	r-6.5	0.0	0.0	0.8	2.1	1.5	r0.0
Output	1.1	6.9	7.9	-0.1	-0.3	r-6.8	-1.9	-0.7	0.8	3.9	3.5	r0.0
Hours	-0.2	8.1	3.0	r-3.5	0.8	-0.2	-1.9	-0.7	0.0	1.7	2.0	0.0
Compensation per hour	9.5	8.6	11.9	10.4	9.3	r 5.5	10.3	10.3	10.6	10.1	10.1	9.3
Real compensation per hour	1.6	-3.8	0.5	3.2	-2.3	r-2.1	-2.3	-2.0	-0.6	0.3	-0.6	-0.2
Unit labor costs	8.1	9.8	6.9	6.6	10.6	r12.9	10.3	10.3	9.7	7.8	8.5	r9.2
Unit nonlabor payments	13.7	10.2	17.1	5.3	10.1	r0.0	7.4	9.3	10.8	11.5	10.6	r8.0
Implicit price deflator	9.8	9.9	10.0	6.2	10.4	r8.7	9.4	10.0	10.1	9.0	9.1	r8.8
<b>NONFARM BUSINESS SECTOR:</b>												
Output per hour of all persons	3.6	-0.2	4.4	1.4	r-1.7	r-6.8	0.2	0.2	1.2	2.3	0.9	r-0.8
Output	2.9	7.1	7.9	-1.1	-1.4	r-7.7	-1.8	-0.5	1.1	4.1	3.0	r-0.7
Hours	-0.7	7.3	3.4	-2.5	0.4	r-1.0	-1.9	-0.6	-0.1	1.8	2.1	0.1
Compensation per hour	9.0	9.8	11.7	9.6	9.5	r6.2	10.1	10.1	10.5	10.0	10.2	r9.2
Real compensation per hour	1.2	-2.7	0.3	2.5	-2.2	r-1.5	-2.5	-2.2	-0.7	0.3	-0.6	-0.2
Unit labor costs	5.3	10.1	7.0	8.1	11.5	r14.0	9.9	9.9	9.2	7.6	9.2	r10.1
Unit nonlabor payments	15.0	9.9	r20.2	3.0	11.3	r1.6	9.1	10.8	12.2	11.8	10.9	r8.8
Implicit price deflator	8.2	10.0	11.0	6.5	11.4	r10.0	9.6	10.2	10.1	8.9	9.7	r9.7
<b>MANUFACTURING:</b>												
Output per hour of all persons	-0.1	10.3	3.8	r4.0	1.2	r-11.0	-1.2	1.1	2.1	4.5	4.8	r-0.7
Output	-6.6	22.4	7.5	3.3	-0.1	r-18.5	-7.9	-2.9	-0.9	6.1	7.9	-2.5
Hours	r-6.6	11.0	3.6	-0.8	-1.2	r-8.5	-6.8	-4.0	-3.0	1.6	3.0	r-1.8
Compensation per hour	12.7	10.5	11.6	10.8	9.3	r 7.4	11.8	12.3	12.5	11.4	10.5	9.8
Real compensation per hour	r4.6	-2.2	0.2	3.5	-2.4	r-0.4	-1.0	-0.2	1.1	1.5	-0.2	0.2
Unit labor costs	12.8	0.1	7.5	6.5	8.0	r20.7	13.2	11.0	10.2	6.6	5.5	r10.5
<b>DURABLE GOODS</b>												
Output per hour of all persons	-2.5	11.9	5.2	5.5	0.4	r-11.9	-1.8	0.8	2.5	4.9	5.7	-0.5
Output	-10.2	27.7	8.7	5.0	-1.3	r-21.1	-10.5	-4.5	-1.8	6.9	9.5	-2.9
Hours	-8.0	14.1	3.4	-0.5	-1.7	r-10.5	-8.8	-5.2	-4.2	1.9	3.6	r-2.5
Compensation per hour	13.4	11.2	11.8	10.7	9.5	r 7.6	12.4	13.4	13.2	11.8	10.8	r9.9
Real compensation per hour	5.2	-1.4	0.3	3.5	-2.1	r-0.2	-0.4	0.8	1.7	1.9	0.0	r0.3
Unit labor costs	16.3	-0.6	6.3	4.9	9.1	r22.1	14.5	12.5	10.4	6.5	4.9	r10.4
<b>NONDURABLE GOODS</b>												
Output per hour of all persons	3.4	8.2	1.8	1.9	2.3	r-9.8	-0.6	1.4	1.5	3.8	3.5	-1.1
Output	-1.1	15.2	5.8	0.7	1.7	r-14.6	-4.1	-0.6	0.4	5.0	5.7	-1.9
Hours	-4.3	6.4	3.9	r-1.1	-0.6	r-5.3	-3.5	-2.1	-1.0	1.1	2.1	-0.8
Compensation per hour	11.9	8.2	11.4	r10.7	8.9	r7.8	11.2	10.6	11.7	10.5	9.8	r9.7
Real compensation per hour	3.8	-4.2	0.0	3.5	-2.7	r0.0	-1.5	-1.7	0.4	0.7	-0.9	r0.2
Unit labor costs	8.3	-0.1	9.4	8.7	6.5	r19.6	11.9	9.0	10.1	6.5	6.1	10.9
<b>NONFINANCIAL CORPORATIONS:</b>												
Output per all-employee hour	6.7	0.0	6.3	2.2	-0.5	N.A.	1.3	1.9	3.1	3.8	2.0	N.A.
Output	3.4	7.9	11.5	0.1	-0.1	N.A.	-1.6	0.4	2.6	5.6	4.7	N.A.
Hours	-3.1	7.9	4.8	-2.0	0.4	N.A.	-2.8	-1.5	-0.5	1.8	2.7	N.A.
Compensation per hour	10.2	9.4	11.4	9.3	9.2	N.A.	10.3	10.4	10.8	10.1	9.8	N.A.
Real compensation per hour	2.2	-3.1	0.0	2.1	-2.5	N.A.	-2.2	-1.9	-0.5	0.3	-0.9	N.A.
Total unit costs	6.2	9.4	5.6	8.4	10.3	N.A.	11.0	10.5	9.5	7.4	8.4	N.A.
Unit labor costs	3.2	9.4	4.8	7.0	9.7	N.A.	8.9	8.4	7.4	6.1	7.7	N.A.
Unit nonlabor costs	14.7	9.5	7.9	12.3	11.8	N.A.	16.8	16.8	15.4	11.1	10.4	N.A.
Unit profits	30.3	15.7	77.9	-13.9	15.7	N.A.	-8.6	0.3	11.8	23.3	19.7	N.A.
Implicit price deflator	7.9	9.9	10.4	6.2	10.7	N.A.	9.1	9.6	9.7	8.6	9.3	N.A.

p=preliminary.  
r=revised.

GPO 879-678

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>ALABAMA</b> .....	\$271.26	\$227.95	\$287.82	39.6	29.3	39.7	\$6.85	\$7.78	\$7.25
Birmingham <sup>1</sup> .....	318.00	248.05	325.96	40.0	27.5	39.8	7.95	9.02	8.19
Mobile .....	342.90	319.64	369.57	40.0	33.4	39.4	8.55	9.57	9.38
<b>ALASKA</b> .....	401.67	488.96	(*)	33.5	38.2	(*)	11.99	12.80	(*)
<b>ARIZONA</b> .....	314.82	333.50	331.87	39.7	38.6	38.5	7.93	8.64	8.62
Phoenix .....	312.58	324.43	(*)	40.1	38.9	(*)	7.80	8.34	(*)
Tucson .....	296.74	322.79	(*)	37.0	38.2	(*)	8.02	8.45	(*)
<b>ARKANSAS</b> .....	236.29	228.47	251.52	38.8	34.1	38.4	6.09	6.70	6.55
Fayetteville—Springdale .....	213.92	232.03	229.22	38.2	38.1	37.7	5.60	6.09	6.08
Fort Smith .....	232.59	220.11	243.09	37.5	33.0	37.0	6.20	6.67	6.57
Little Rock—North Little Rock .....	270.27	268.76	291.46	39.0	34.5	38.4	6.93	7.79	7.59
Pine Bluff .....	309.41	326.59	330.48	41.2	37.8	40.7	7.51	8.64	8.12
<b>CALIFORNIA</b> .....	321.08	356.80	353.46	39.3	39.6	39.1	8.17	9.01	9.04
Anaheim—Santa Ana—Garden Grove .....	312.76	(*)	(*)	40.2	(*)	(*)	7.78	(*)	(*)
Bakersfield .....	364.73	(*)	(*)	41.4	(*)	(*)	8.81	(*)	(*)
Fresno .....	290.70	(*)	(*)	38.3	(*)	(*)	7.59	(*)	(*)
Los Angeles—Long Beach .....	308.07	(*)	(*)	39.7	(*)	(*)	7.76	(*)	(*)
Modesto .....	303.29	(*)	(*)	37.9	(*)	(*)	8.00	(*)	(*)
Oxnard—Simi Valley—Ventura .....	277.59	(*)	(*)	38.5	(*)	(*)	7.21	(*)	(*)
Riverside—San Bernardino—Ontario .....	321.50	(*)	(*)	39.4	(*)	(*)	8.16	(*)	(*)
Sacramento .....	337.95	(*)	(*)	38.8	(*)	(*)	8.71	(*)	(*)
Salinas—Seaside—Monterey .....	273.15	(*)	(*)	35.2	(*)	(*)	7.76	(*)	(*)
San Diego .....	297.11	(*)	(*)	37.8	(*)	(*)	7.86	(*)	(*)
San Francisco—Oakland .....	386.84	(*)	(*)	39.8	(*)	(*)	9.97	(*)	(*)
San Jose .....	340.10	(*)	(*)	39.5	(*)	(*)	8.61	(*)	(*)
Santa Barbara—Santa Maria—Lompoc .....	288.32	(*)	(*)	38.7	(*)	(*)	7.45	(*)	(*)
Santa Rosa .....	291.41	(*)	(*)	38.7	(*)	(*)	7.53	(*)	(*)
Stockton .....	340.86	(*)	(*)	39.0	(*)	(*)	8.74	(*)	(*)
Vallejo—Fairfield—Napa .....	323.51	(*)	(*)	37.1	(*)	(*)	8.72	(*)	(*)
<b>COLORADO</b> .....	317.58	330.22	328.89	39.5	39.5	39.2	8.04	8.36	8.39
Denver—Boulder .....	317.13	331.35	330.33	39.2	39.4	39.0	8.09	8.41	8.47
<b>CONNECTICUT</b> .....	313.92	327.20	327.62	41.8	40.9	40.8	7.51	8.00	8.03
Bridgeport .....	329.13	333.72	340.67	42.8	41.2	41.8	7.69	8.10	8.15
Hartford .....	336.04	347.32	342.10	41.9	41.2	40.2	8.02	8.43	8.51
New Britain .....	326.83	328.85	328.85	42.5	40.8	40.8	7.69	8.06	8.06
New Haven—West Haven .....	281.06	298.76	308.50	39.2	38.5	39.4	7.17	7.76	7.83
Stamford .....	287.82	300.03	294.12	41.0	40.6	39.8	7.02	7.39	7.39
Waterbury .....	272.63	263.87	272.28	42.4	39.8	40.7	6.43	6.63	6.69
<b>DELAWARE</b> .....	304.15	301.92	318.67	39.5	37.0	39.1	7.70	8.16	8.15
Wilmington .....	358.40	373.98	378.10	40.0	38.2	39.1	8.96	9.79	9.67
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	332.02	343.60	(*)	39.2	37.8	(*)	8.47	9.09	(*)
<b>FLORIDA</b> .....	(*)	267.24	270.18	(*)	38.9	39.5	(*)	6.87	6.84
Fort Lauderdale—Hollywood .....	(*)	259.53	(*)	(*)	40.3	(*)	(*)	6.44	(*)
Jacksonville .....	(*)	319.14	308.87	(*)	40.5	39.7	(*)	7.88	7.78
Lakeland—Winter Haven .....	(*)	284.49	317.18	(*)	43.5	47.2	(*)	6.54	6.72
Miami .....	(*)	226.00	234.02	(*)	39.1	39.8	(*)	5.78	5.88
Orlando .....	(*)	309.01	304.08	(*)	43.4	42.0	(*)	7.12	7.24
Pensacola .....	(*)	340.72	328.84	(*)	41.4	40.2	(*)	8.23	8.18
Tampa—St. Petersburg .....	(*)	235.41	240.34	(*)	39.3	39.4	(*)	5.99	6.10
West Palm Beach—Boca Raton .....	(*)	315.13	316.17	(*)	42.7	42.9	(*)	7.38	7.37
<b>GEORGIA</b> <sup>1</sup> .....	245.41	204.76	(*)	40.1	30.2	(*)	6.12	6.78	(*)
Atlanta <sup>1</sup> .....	289.74	215.16	(*)	39.8	26.4	(*)	7.28	8.15	(*)
Savannah <sup>1</sup> .....	349.01	360.81	363.38	43.9	42.2	42.5	7.95	8.55	8.55
<b>HAWAII</b> .....	(*)	298.30	298.83	(*)	38.0	37.4	(*)	7.85	7.99
Honolulu .....	(*)	300.05	298.08	(*)	37.6	36.8	(*)	7.98	8.10
<b>IDAHO</b> .....	288.04	308.65	299.84	36.6	36.7	36.7	7.87	8.41	8.17
Boise City .....	266.32	337.90	313.25	37.3	39.5	38.5	7.14	8.56	8.15

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>ILLINOIS</b> <sup>1</sup>	\$336.87	\$355.51	\$364.19	38.9	38.6	39.5	\$8.66	\$9.21	\$9.22
Bloomington—Normal <sup>1</sup>	279.51	328.41	327.71	36.3	38.5	38.6	7.70	8.53	8.49
Champaign—Urbana—Rantoul <sup>1</sup>	302.25	321.86	321.04	38.9	37.6	37.2	7.77	8.56	8.63
Chicago SMSA <sup>1</sup>	308.33	329.73	333.45	38.6	37.6	39.0	7.98	8.53	8.55
Davenport—Rock Island—Moline <sup>1</sup>	391.93	413.26	440.83	38.6	36.8	38.4	10.24	11.23	11.48
Decatur <sup>1</sup>	379.33	453.86	463.91	38.2	39.5	40.2	9.93	11.49	11.54
Kankakee <sup>1</sup>	295.89	292.19	301.44	39.4	36.8	37.4	7.51	7.94	8.06
Peoria <sup>1</sup>	407.96	477.54	488.18	37.6	37.9	38.5	10.85	12.60	12.68
Rockford <sup>1</sup>	326.93	382.85	373.73	39.2	39.3	40.1	8.34	9.36	9.32
Springfield <sup>1</sup>	346.50	402.40	399.99	39.6	40.0	39.8	8.75	13.06	10.05
<b>INDIANA</b>	361.69	369.74	384.15	39.4	38.0	39.4	9.18	9.73	9.75
Gary—Hammond—East Chicago	509.23	510.44	(*)	40.9	39.5	(*)	12.45	12.89	(*)
Indianapolis	360.28	382.00	(*)	40.3	39.3	(*)	8.94	9.72	(*)
<b>IOWA</b>	357.28	361.61	389.65	38.5	36.6	39.2	9.28	9.88	9.94
Cedar Rapids	361.03	380.85	405.82	39.2	38.2	40.3	9.21	9.97	10.07
Des Moines	353.25	417.10	412.34	37.5	38.8	38.9	9.42	10.75	10.60
Dubuque	422.41	332.05	454.12	39.7	37.1	39.8	10.64	8.95	11.41
Sioux City	334.09	294.30	300.42	40.3	37.3	37.6	8.29	7.89	7.99
Waterloo—Cedar Falls	447.86	453.61	532.59	36.8	34.6	41.0	12.17	13.11	12.99
<b>KANSAS</b>	308.47	345.47	340.29	39.7	40.5	39.8	7.77	8.53	8.55
Topeka	317.18	350.35	348.56	38.4	38.5	38.6	8.26	9.10	9.03
Wichita	345.37	386.88	386.04	43.3	41.6	41.2	8.57	9.30	9.37
<b>KENTUCKY</b>	301.64	307.84	320.26	39.2	37.0	38.4	7.70	8.32	8.34
Lexington—Fayette	299.00	330.75	(*)	37.8	37.5	(*)	7.91	8.82	(*)
Louisville	349.77	361.92	386.56	39.3	37.7	40.1	8.90	9.60	9.64
<b>LOUISIANA</b> <sup>1</sup>	346.06	328.06	375.44	41.1	34.9	40.5	8.42	9.40	9.27
Baton Rouge	424.76	433.17	449.85	41.0	37.7	40.6	10.36	11.49	11.08
New Orleans	332.93	298.58	353.92	40.7	33.7	39.5	8.18	8.86	8.96
Shreveport	300.33	259.90	320.00	40.6	31.2	39.9	7.39	8.33	8.02
<b>MAINE</b>	257.23	276.71	278.50	40.0	39.7	39.9	6.43	6.97	6.98
Lewiston—Auburn	202.50	214.64	214.48	37.5	37.2	37.3	5.40	5.77	5.75
Portland	245.94	265.34	275.80	39.1	38.4	39.4	6.29	6.91	7.00
<b>MARYLAND</b>	321.57	328.48	339.08	39.7	37.8	39.2	8.10	8.69	8.65
Baltimore	339.65	348.91	363.49	40.1	38.3	39.9	8.47	9.11	9.11
<b>MASSACHUSETTS</b>	275.77	(*)	(*)	40.2	(*)	(*)	6.86	(*)	(*)
Boston	297.35	(*)	(*)	97.3	(*)	(*)	7.49	(*)	(*)
Brockton	217.17	(*)	(*)	39.2	(*)	(*)	5.54	(*)	(*)
Fall River	237.26	(*)	(*)	38.1	(*)	(*)	5.44	(*)	(*)
Lawrence—Haverhill	284.38	(*)	(*)	40.8	(*)	(*)	6.97	(*)	(*)
Lowell	246.57	(*)	(*)	39.2	(*)	(*)	6.29	(*)	(*)
New Bedford	225.55	(*)	(*)	38.1	(*)	(*)	5.92	(*)	(*)
Springfield—Chicopee—Holyoke	277.33	(*)	(*)	40.9	(*)	(*)	6.78	(*)	(*)
Worcester	276.50	(*)	(*)	39.5	(*)	(*)	7.00	(*)	(*)
<b>MICHIGAN</b> <sup>1</sup>	395.38	427.01	441.83	39.1	38.8	40.1	10.11	11.01	11.03
Ann Arbor <sup>1</sup>	416.72	466.71	475.59	39.0	40.7	41.4	10.69	11.47	11.48
Battle Creek <sup>1</sup>	397.16	423.45	430.11	43.3	39.1	40.4	9.86	10.83	10.65
Bay City <sup>1</sup>	358.00	378.49	381.67	39.1	40.2	40.4	9.16	9.42	9.45
Detroit <sup>1</sup>	422.24	467.33	483.25	39.3	43.1	41.3	10.74	11.67	11.69
Flint <sup>1</sup>	452.96	489.63	489.79	39.2	39.0	36.3	11.56	12.57	12.80
Grand Rapids <sup>1</sup>	325.83	347.10	361.85	38.8	37.2	38.9	8.40	9.34	9.33
Jackson <sup>1</sup>	379.35	399.76	403.77	42.3	40.6	41.4	8.97	9.83	9.76
Kalamazoo—Portage <sup>1</sup>	383.24	385.29	409.26	39.9	38.1	40.1	9.51	10.12	10.19
Lansing—East Lansing <sup>1</sup>	417.68	455.93	460.91	37.2	37.6	38.3	11.23	12.13	12.04
Muskegon—Norton Shores—Muskegon Heights <sup>1</sup>	362.14	339.41	363.44	39.8	35.6	38.7	9.13	9.54	9.40
Saginaw <sup>1</sup>	474.36	471.10	478.63	39.8	37.8	38.1	11.91	12.47	12.53
<b>MINNESOTA</b> <sup>1</sup>	324.26	342.99	348.69	39.4	38.8	39.4	8.23	8.84	8.85
Duluth—Superior <sup>1</sup>	307.93	336.34	343.87	38.3	39.2	39.8	8.04	8.58	8.64
Minneapolis—St. Paul <sup>1</sup>	341.23	360.75	366.42	39.4	39.0	39.4	8.66	9.25	9.33
St. Cloud <sup>1</sup>	239.08	251.16	263.90	36.5	34.5	36.3	6.55	7.28	7.27

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>MISSISSIPPI</b> <sup>1</sup>	\$230.33	\$183.52	\$246.27	39.1	28.7	38.6	\$5.89	\$6.29	\$6.38
Jackson <sup>1</sup>	251.54	194.92	260.52	39.8	30.6	38.2	6.32	6.37	6.82
<b>MISSOURI</b>	290.31	316.68	318.66	37.9	38.2	38.3	7.66	8.29	8.32
Kansas City	329.80	363.38	374.66	38.8	39.2	39.9	8.50	9.27	9.39
St. Joseph	280.24	293.66	291.07	38.6	37.6	37.9	7.26	7.81	7.68
St. Louis	332.38	359.83	363.33	37.9	38.9	38.9	8.77	9.25	9.34
Springfield	287.68	298.29	303.64	39.3	39.3	39.9	7.32	7.59	7.61
<b>MONTANA</b>	378.29	349.65	354.33	42.6	37.0	38.1	8.88	9.45	9.30
<b>NEBRASKA</b>	316.01	333.70	332.51	39.7	40.4	40.5	7.96	8.26	8.21
Lincoln	284.26	312.57	316.47	37.6	37.3	37.9	7.56	8.38	8.35
Omaha	314.24	339.63	330.40	38.7	39.4	39.1	8.12	8.62	8.45
<b>NEVADA</b>	306.46	322.61	(*)	38.5	37.6	(*)	7.96	8.58	(*)
Las Vegas	384.54	(*)	(*)	39.4	(*)	(*)	9.76	(*)	(*)
<b>NEW HAMPSHIRE</b>	(*)	263.64	269.68	(*)	39.0	39.6	(*)	6.76	6.81
Manchester	(*)	247.89	250.13	(*)	39.1	39.2	(*)	6.34	6.38
Nashua	(*)	292.11	305.20	(*)	39.0	40.0	(*)	7.49	7.63
<b>NEW JERSEY</b>	314.57	329.51	337.39	40.8	39.7	40.6	7.71	8.30	8.31
Atlantic City	241.54	235.63	251.62	37.8	34.6	36.1	6.39	6.81	6.97
Camden <sup>2</sup>	319.93	342.86	342.63	40.6	40.1	40.5	7.88	8.55	8.46
Hackensack <sup>3</sup>	281.40	286.34	297.48	41.2	38.8	40.2	6.83	7.38	7.40
Jersey City <sup>2</sup>	312.16	321.16	322.78	41.4	39.6	39.8	7.54	8.11	8.11
New Brunswick—Perth Amboy—Sayreville <sup>3</sup>	367.95	395.01	392.08	42.1	41.8	41.8	8.74	9.45	9.38
Newark <sup>3</sup>	333.79	350.43	358.15	41.4	40.7	41.5	7.99	8.61	8.63
Paterson—Clifton—Passaic <sup>3</sup>	313.04	299.20	304.38	42.3	40.0	40.8	4.30	7.48	7.46
Trenton	317.03	321.04	330.33	38.8	37.2	38.5	8.17	8.63	8.58
<b>NEW MEXICO</b>	244.51	264.80	274.38	39.5	38.1	38.7	6.19	6.95	7.09
Albuquerque	251.07	275.94	283.80	40.3	37.8	38.3	6.23	7.30	7.41
<b>NEW YORK</b> <sup>1</sup>	303.36	310.90	318.98	39.5	38.1	38.9	7.68	8.16	8.23
Albany—Schenectady—Troy <sup>1</sup>	317.19	330.51	330.91	40.1	39.3	39.3	7.91	8.41	8.42
Binghamton <sup>1</sup>	288.52	293.85	293.94	41.1	40.7	41.4	7.02	7.22	7.10
Buffalo <sup>1</sup>	392.80	382.13	412.48	40.0	37.1	39.7	9.82	10.30	10.39
Elmira <sup>1</sup>	306.41	316.80	321.20	40.8	39.6	40.0	7.51	8.00	8.03
Monroe County <sup>1</sup>	421.10	421.86	442.49	41.9	39.5	41.2	10.05	10.68	10.74
Nassau—Suffolk <sup>1</sup>	299.60	306.54	312.04	40.0	39.0	39.3	7.24	7.86	7.94
New York—Northeastern New Jersey	289.41	(*)	(*)	39.7	(*)	(*)	7.29	(*)	(*)
New York and Nassau—Suffolk <sup>1</sup>	262.89	275.65	280.87	38.1	37.1	37.4	6.90	7.43	7.51
New York SMSA <sup>1</sup>	255.03	266.81	272.32	37.5	36.6	36.9	6.80	7.29	7.38
New York City <sup>1</sup>	250.45	265.36	268.28	37.1	36.4	36.7	6.75	7.29	7.31
Poughkeepsie <sup>1</sup>	308.67	335.38	(*)	42.4	42.4	(*)	7.28	7.91	(*)
Rochester <sup>1</sup>	397.40	395.53	416.36	41.7	39.2	40.9	9.53	10.09	10.18
Rockland County <sup>1</sup>	293.76	309.24	315.41	40.8	38.8	38.7	7.20	7.97	8.15
Syracuse <sup>1</sup>	330.47	346.42	352.00	40.9	39.5	40.6	8.08	8.77	8.67
Utica—Rome <sup>1</sup>	282.27	306.11	300.60	39.7	39.6	39.5	7.11	7.73	7.61
Westchester County <sup>1</sup>	297.67	263.30	291.75	41.4	37.4	37.5	7.19	7.04	7.78
<b>NORTH CAROLINA</b>	226.76	194.62	235.25	39.3	30.6	37.7	5.77	6.36	6.24
Asheville	218.96	197.18	228.38	39.1	32.7	38.0	5.60	6.03	6.01
Charlotte—Gastonia	238.68	185.08	242.89	40.8	29.1	38.8	5.85	6.36	6.26
Greensboro—Winston-Salem—High Point	252.01	216.69	252.71	39.5	31.0	37.0	6.38	6.99	6.83
Raleigh—Durham	257.67	232.04	283.24	39.1	31.7	38.8	6.59	7.32	7.30
<b>NORTH DAKOTA</b>	254.56	274.46	285.57	37.0	37.7	38.8	6.88	7.28	7.36
Fargo—Moorhead	269.72	285.59	305.20	36.4	39.5	40.0	7.41	7.23	7.63
<b>OHIO</b> <sup>1</sup>	374.33	387.50	396.37	40.6	39.3	40.2	9.22	9.86	9.86
Akron <sup>1</sup>	382.63	395.04	404.63	41.5	40.6	41.5	9.22	9.73	9.75
Canton <sup>1</sup>	382.00	380.09	395.36	40.0	38.2	39.3	9.55	9.95	10.06
Cincinnati <sup>1</sup>	350.55	368.55	369.60	41.0	39.8	40.0	8.55	9.26	9.24
Cleveland <sup>1</sup>	381.19	381.02	398.16	40.9	38.8	40.3	9.32	9.82	9.88
Columbus <sup>1</sup>	321.93	357.08	358.09	39.8	39.5	39.7	8.34	9.04	9.02
Dayton <sup>1</sup>	373.32	391.84	391.82	40.8	39.5	39.9	9.15	9.92	9.82
Toledo <sup>1</sup>	383.36	420.03	442.90	40.1	39.7	41.2	9.56	10.58	10.75
Youngstown—Warren <sup>1</sup>	464.06	458.64	459.42	40.5	39.1	39.3	11.47	11.73	11.69

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>OKLAHOMA</b> .....	\$314.82	\$335.40	\$335.09	39.5	39.0	39.1	\$7.97	\$8.60	\$8.57
Oklahoma City .....	326.09	348.88	338.98	39.1	39.2	39.6	8.34	8.90	8.56
Tulsa .....	336.11	365.60	366.03	40.3	40.0	39.7	8.34	9.14	9.22
<b>OREGON</b> .....	344.96	(*)	(*)	37.7	(*)	(*)	9.15	(*)	(*)
Eugene—Springfield .....	375.48	(*)	(*)	39.4	(*)	(*)	9.53	(*)	(*)
Jackson County .....	345.45	(*)	(*)	39.3	(*)	(*)	8.79	(*)	(*)
Portland .....	346.50	366.89	(*)	37.5	37.4	(*)	9.24	9.81	(*)
Salem .....	332.50	(*)	(*)	36.7	(*)	(*)	9.06	(*)	(*)
<b>PENNSYLVANIA</b> .....	317.91	326.52	331.35	39.2	38.1	38.8	8.11	8.57	8.54
Allentown—Bethlehem—Easton .....	319.87	346.56	348.81	38.4	38.0	38.8	8.33	9.12	8.99
Altoona .....	266.82	277.40	(*)	37.9	38.0	(*)	7.04	7.20	(*)
Delaware Valley <sup>a</sup> .....	324.79	332.34	339.95	39.9	38.2	39.3	8.14	8.70	8.65
Erie .....	337.42	348.10	(*)	40.8	39.2	(*)	8.27	8.88	(*)
Harrisburg .....	306.99	317.46	324.48	40.5	39.0	39.0	7.58	8.14	8.32
Johnstown .....	321.40	308.48	322.96	36.9	34.7	36.7	8.71	8.89	8.80
Lancaster .....	278.80	286.26	286.90	40.0	37.6	37.9	6.97	7.64	7.57
Northeast Pennsylvania .....	223.82	246.86	250.13	36.1	36.9	37.5	6.20	6.69	6.67
Philadelphia SMSA .....	322.80	333.80	340.49	40.0	38.5	39.5	8.07	8.67	8.62
Pittsburgh .....	396.26	416.31	416.96	40.6	39.8	39.9	9.76	10.46	10.45
Reading .....	304.62	310.23	308.35	40.4	38.3	38.4	7.54	9.10	8.03
Scranton <sup>b</sup> .....	219.47	(*)	(*)	36.7	(*)	(*)	5.98	(*)	(*)
Wilkes-Barre—Hazleton <sup>c</sup> .....	224.02	(*)	(*)	35.9	(*)	(*)	6.24	(*)	(*)
Williamsport .....	296.65	322.29	331.68	39.5	39.4	40.4	7.51	8.18	8.21
York .....	287.83	313.56	(*)	40.2	40.2	(*)	7.16	7.80	(*)
<b>RHODE ISLAND</b> .....	235.82	241.02	249.48	39.7	37.6	38.8	5.94	6.41	6.43
Providence—Warwick—Pawtucket .....	235.22	239.89	247.54	39.8	37.6	38.8	5.91	6.38	6.38
<b>SOUTH CAROLINA</b> .....	241.78	210.22	254.41	40.5	31.9	39.2	5.97	6.59	6.49
Charleston—North Charleston .....	273.78	266.11	277.36	40.5	37.8	38.9	6.76	7.04	7.13
Columbia .....	231.66	200.66	242.41	39.6	31.7	38.6	5.85	6.33	6.28
Greenville—Spartanburg .....	232.07	184.25	(*)	39.4	29.2	(*)	5.89	6.31	(*)
<b>SOUTH DAKOTA</b> .....	298.32	309.09	303.45	42.8	41.6	42.5	6.97	7.43	7.14
Rapid City .....	260.24	(*)	(*)	38.9	(*)	(*)	6.69	(*)	(*)
Sioux Falls .....	433.84	475.80	417.07	49.3	52.0	51.3	8.80	9.15	8.13
<b>TENNESSEE</b> <sup>1</sup> .....	258.59	260.69	258.59	39.6	39.8	39.6	6.53	6.55	6.53
Chattanooga .....	259.84	(*)	(*)	40.6	(*)	(*)	6.43	(*)	(*)
Knoxville .....	286.77	(*)	(*)	38.7	(*)	(*)	7.41	(*)	(*)
Memphis .....	295.94	296.32	315.42	40.1	37.7	40.7	7.38	7.86	7.75
Nashville—Davidson .....	276.69	294.92	(*)	40.1	36.5	(*)	6.90	8.08	(*)
<b>TEXAS</b> .....	312.42	315.25	337.00	41.0	37.8	40.7	7.62	8.34	8.28
Arlene .....	207.77	(*)	(*)	40.9	(*)	(*)	5.08	(*)	(*)
Amarillo .....	316.50	(*)	(*)	41.7	(*)	(*)	7.59	(*)	(*)
Austin .....	245.42	(*)	(*)	40.7	(*)	(*)	6.03	(*)	(*)
Beaumont—Port Arthur—Orange .....	440.41	(*)	(*)	42.8	(*)	(*)	10.29	(*)	(*)
Corpus Christi .....	341.97	(*)	(*)	42.8	(*)	(*)	7.99	(*)	(*)
Dallas—Fort Worth .....	294.44	296.66	326.02	40.5	36.4	40.6	7.27	8.15	8.03
El Paso .....	213.14	(*)	(*)	42.8	(*)	(*)	4.98	(*)	(*)
Galveston—Texas City .....	478.98	(*)	(*)	42.5	(*)	(*)	11.27	(*)	(*)
Houston .....	403.12	429.10	436.59	43.3	43.3	44.1	9.31	9.91	9.90
Longview—Marshall .....	310.85	(*)	(*)	39.7	(*)	(*)	7.83	(*)	(*)
Lubbock .....	244.01	(*)	(*)	40.2	(*)	(*)	6.07	(*)	(*)
San Angelo .....	212.94	(*)	(*)	39.0	(*)	(*)	5.46	(*)	(*)
San Antonio .....	229.19	237.16	246.76	41.0	38.5	39.8	5.59	6.16	6.20
Sherman—Denison .....	277.01	(*)	(*)	39.8	(*)	(*)	6.96	(*)	(*)
Waco .....	253.92	(*)	(*)	39.8	(*)	(*)	6.38	(*)	(*)
Wichita Falls .....	276.06	(*)	(*)	40.3	(*)	(*)	6.85	(*)	(*)
<b>UTAH</b> .....	296.65	316.32	316.26	39.5	39.1	38.9	7.51	8.09	8.13
Salt Lake City—Ogden .....	283.69	311.65	310.86	39.9	39.6	39.6	7.11	7.87	7.85
<b>VERMONT</b> .....	268.30	282.30	283.42	40.9	39.1	39.2	6.56	7.22	7.23
Burlington .....	295.32	321.51	323.53	42.8	41.7	41.8	6.90	7.71	7.74
Springfield .....	310.65	308.97	298.74	41.2	40.6	39.0	7.54	7.61	7.66

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>VIRGINIA</b> .....	\$261.62	\$250.53	\$277.92	39.7	34.7	38.6	\$6.59	\$7.22	\$7.20
Bristol .....	228.92	210.46	229.90	37.9	34.0	37.2	6.04	6.19	6.18
Lynchburg .....	263.56	241.03	254.83	40.3	33.9	36.3	6.54	7.11	7.02
Norfolk—Virginia Beach—Portsmouth .....	272.14	274.81	299.63	40.8	37.8	40.6	6.67	7.27	7.38
Northern Virginia .....	293.97	277.33	290.68	41.0	36.3	38.5	7.17	7.64	7.55
Petersburgh—Colonial Heights—Hopewell .....	310.86	332.69	353.05	39.3	34.8	37.8	7.91	9.56	9.34
Richmond .....	342.80	292.05	368.96	40.0	33.0	40.5	8.57	8.85	9.11
Roanoke .....	240.47	224.70	254.98	39.1	22.1	38.4	6.15	7.00	6.64
<b>WASHINGTON</b> .....	(*)	423.84	427.28	(*)	39.1	39.2	(*)	10.84	10.90
Seattle—Everett .....	410.57	(*)	(*)	39.9	(*)	(*)	10.29	(*)	(*)
Spokane .....	357.02	(*)	(*)	37.9	(*)	(*)	9.42	(*)	(*)
Tacoma .....	390.78	(*)	(*)	39.0	(*)	(*)	10.02	(*)	(*)
<b>WEST VIRGINIA</b> .....	340.42	357.77	359.46	39.4	39.1	39.2	8.64	9.15	9.17
Charleston .....	392.60	453.17	431.76	41.9	43.7	42.0	9.27	13.37	10.28
Huntington—Ashland .....	388.28	370.11	377.85	40.7	39.0	39.9	9.54	9.49	9.47
Parkersburg—Marletta .....	365.56	387.87	389.61	41.4	40.7	40.5	8.83	9.53	9.62
Wheeling .....	382.76	405.99	396.19	39.5	39.0	39.5	9.69	10.41	10.03
<b>WISCONSIN</b> .....	346.98	359.60	368.33	42.1	38.9	39.9	8.61	9.25	9.24
Appleton—Oshkosh .....	346.98	361.72	366.88	42.1	40.8	41.3	8.24	8.87	8.89
Eau Claire .....	328.87	348.98	353.13	40.2	40.4	40.7	8.19	8.64	8.68
Green Bay .....	350.96	390.32	382.37	41.2	41.3	40.8	8.52	9.46	9.38
Janeville—Beloit .....	361.55	339.13	349.73	39.1	39.0	40.0	9.24	8.70	8.75
Kenosha .....	359.50	375.93	412.82	39.1	35.0	38.6	9.19	10.73	10.69
La Crosse .....	293.38	323.41	325.80	40.1	39.0	39.1	7.31	8.29	8.34
Madison .....	327.20	357.95	359.06	38.7	37.9	38.5	8.45	9.45	9.32
Milwaukee .....	370.60	401.28	408.43	39.2	39.3	40.1	9.46	10.22	10.20
Racine .....	357.70	370.27	396.52	39.3	39.1	40.5	9.10	9.47	9.80
<b>WYOMING</b> .....	291.45	324.66	324.37	38.5	39.4	38.8	7.57	8.24	8.36
<b>VIRGIN ISLAND</b> .....	343.94	429.88	(*)	43.1	44.0	(*)	7.98	9.77	(*)

<sup>1</sup> Revised to 1981 benchmark; not strictly comparable with previously published data.

<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>3</sup> Subarea of New York—Northeastern New Jersey.

<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>5</sup> Area included in New York and Nassau-Suffolk combined SMSA's.

<sup>6</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>8</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>9</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

<sup>10</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.

\* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.



# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>ALABAMA</b>	1,650.8	1,673.2	1,668.4	179.0	247.5	231.5	10.8	14.8	13.9
Birmingham	377.2	375.9	373.3	39.6	49.9	47.0	10.5	13.3	12.6
Huntsville	139.8	144.0	145.2	16.1	18.3	18.8	11.5	12.7	13.0
Mobile	185.9	186.4	186.8	17.2	23.1	21.9	9.2	12.4	11.7
Montgomery	120.1	119.5	120.2	10.9	13.6	14.1	9.1	11.4	11.7
Tuscaloosa	55.6	54.8	54.5	5.5	7.4	6.6	9.9	13.6	12.1
<b>ALASKA</b>	180.3	192.1	195.8	20.0	21.5	22.2	11.1	11.2	11.3
<b>ARIZONA</b>	1,262.5	1,286.6	1,301.1	81.2	100.3	102.9	6.4	7.8	7.9
Phoenix	772.8	788.0	795.1	41.7	49.2	49.8	5.4	6.2	6.3
Tucson	230.2	233.4	236.5	12.7	17.4	17.7	5.5	7.5	7.5
<b>ARKANSAS</b>	1,006.5	1,002.1	1,001.9	104.1	126.3	114.4	10.3	12.6	11.4
Fayetteville-Springdale	80.3	80.9	81.1	5.5	7.0	7.0	6.9	8.6	8.6
Fort Smith	90.6	89.7	88.2	8.7	11.8	10.5	9.6	13.2	11.9
Little Rock—North Little Rock	193.8	193.1	192.3	15.2	17.6	16.2	7.8	9.1	8.4
Pine Bluff	40.2	39.2	39.0	4.2	4.8	4.4	10.5	12.2	11.2
<b>CALIFORNIA</b> <sup>1</sup>	11,674.8	11,906.6	11,945.9	936.6	1,117.1	1,145.0	8.0	9.4	9.6
Anaheim—Santa Ana—Garden Grove	1,161.5	1,188.6	1,183.5	51.6	70.8	72.2	4.4	6.0	6.1
Bakersfield	188.4	197.7	198.9	18.7	20.2	23.3	9.9	10.2	11.7
Fresno	269.2	279.7	277.3	34.1	38.5	42.4	12.7	13.8	15.3
Los Angeles—Long Beach <sup>2</sup>	3,694.0	3,716.0	3,744.0	273.0	331.0	311.0	7.4	8.9	8.3
Modesto	132.3	137.6	140.5	23.3	23.9	29.2	17.6	17.4	20.8
Oxnard—Simi Valley—Ventura	241.5	256.8	257.2	18.8	24.4	25.2	7.8	9.5	9.8
Riverside—San Bernardino—Ontario	607.3	627.1	627.8	50.7	64.3	68.4	8.4	10.2	10.9
Sacramento	491.4	507.0	508.4	48.3	56.9	60.4	9.8	11.2	11.9
Salinas—Seaside—Monterey	133.2	136.5	139.9	18.8	21.3	22.7	14.1	15.6	16.2
San Diego	798.5	813.1	815.0	59.5	69.6	72.5	7.5	8.6	8.9
San Francisco—Oakland	1,689.3	1,720.8	1,716.8	104.4	123.7	125.2	6.2	7.2	7.3
San Jose	782.9	804.0	803.7	49.3	59.1	62.2	6.3	7.3	7.7
Santa Barbara—Santa Maria—Lompoc	151.7	156.6	156.8	10.3	12.2	12.7	6.8	7.8	8.1
Santa Rosa	139.5	143.9	144.6	13.0	15.0	15.9	9.3	10.4	11.0
Stockton	164.8	169.2	171.5	24.5	28.2	32.0	14.9	16.7	18.6
Vallejo—Fairfield—Napa	131.5	135.9	136.9	11.9	14.3	15.2	9.1	10.5	11.1
<b>COLORADO</b>	1,497.4	1,529.9	1,523.1	91.9	100.4	102.7	6.1	6.6	6.7
Denver—Boulder	894.4	916.5	910.4	49.1	51.4	52.2	5.5	5.6	5.7
<b>CONNECTICUT</b>	1,573.0	1,602.3	1,599.9	104.7	124.2	122.0	6.7	7.7	7.6
Bridgeport	189.4	195.1	192.8	12.2	16.3	14.1	6.5	8.4	7.3
Hartford	380.8	389.8	389.3	22.5	28.1	28.1	5.9	7.2	7.2
New Britain	75.1	75.4	75.0	5.3	7.2	7.4	7.0	9.5	9.8
New Haven—West Haven	197.7	198.7	199.3	14.1	15.4	15.3	7.1	7.8	7.7
Stamford	120.4	122.6	122.8	5.2	5.3	5.3	4.4	4.3	4.3
Waterbury	106.3	108.5	107.9	9.3	10.2	9.8	8.7	9.4	9.1
<b>DELAWARE</b>	279.9	284.6	288.9	28.5	32.7	29.3	10.2	11.5	10.1
Wilmington <sup>1</sup>	250.7	253.9	256.2	25.2	31.3	27.1	10.0	12.3	10.6
<b>DISTRICT OF COLUMBIA</b>	312.3	305.5	308.0	24.7	28.4	30.7	7.9	9.3	10.0
Washington SMSA <sup>1</sup>	1,660.9	1,669.9	1,675.6	77.1	98.6	102.9	4.6	5.9	6.1
<b>FLORIDA</b> <sup>1</sup>	4,404.6	4,510.9	4,558.2	277.7	345.8	321.7	6.3	7.7	7.1
Bradenton	65.7	69.7	70.6	4.2	4.6	4.2	6.4	6.7	5.9
Daytona Beach	107.6	107.0	110.7	7.1	8.4	7.9	6.6	7.8	7.1
Fort Lauderdale—Hollywood	477.2	477.7	480.4	23.6	31.5	29.0	4.9	6.6	6.0
Fort Myers—Cape Coral	93.1	96.6	97.0	6.0	7.5	7.3	6.5	7.8	7.6
Gainesville	75.0	77.8	79.5	3.1	3.4	3.7	4.2	4.4	4.6
Jacksonville	326.9	337.9	341.7	20.7	25.0	23.7	6.3	7.4	6.9
Lakeland—Winter Haven	146.6	153.5	150.3	11.8	19.4	15.5	8.1	12.6	10.3
Melbourne—Titusville—Cocoa	117.3	120.9	122.1	9.6	9.8	9.5	8.2	8.1	7.8
Miami	800.1	808.1	816.4	51.6	60.0	54.4	6.5	7.4	6.7
Orlando	352.3	365.1	369.7	20.9	26.9	24.5	5.9	7.4	6.6
Panama City	39.6	42.4	42.8	4.3	5.1	5.0	11.0	12.0	11.6
Pensacola	116.6	118.9	121.9	6.7	8.1	9.0	5.7	6.8	7.4
Sarasota	77.4	80.0	81.1	3.7	6.0	5.2	4.8	7.5	6.4
Tallahassee	83.5	82.6	84.7	3.3	4.1	4.0	3.9	4.9	4.7
Tampa—St. Petersburg	681.9	702.6	711.8	40.3	50.0	46.7	5.9	7.1	6.6
West Palm Beach—Boca Raton	268.0	280.2	282.3	15.4	18.9	18.6	5.7	6.7	6.6

See footnotes at end of table

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>GEORGIA</b> .....	2,562.6	2,606.5	2,606.9	176.4	219.7	210.4	6.9	8.4	8.1
Albany.....	52.2	53.3	54.2	4.5	4.4	4.8	8.6	8.2	8.9
Atlanta.....	1,056.7	1,074.7	1,082.2	66.1	72.9	72.7	6.3	6.8	6.7
Augusta.....	130.2	131.3	132.7	9.5	10.4	11.0	7.3	7.9	8.3
Columbus <sup>1</sup> .....	88.0	87.5	88.3	7.0	9.3	9.5	7.9	10.6	10.8
Macon.....	104.8	107.3	107.9	6.7	7.7	8.0	6.4	7.2	7.5
Savannah.....	94.4	98.1	98.0	6.1	6.5	7.3	6.4	6.6	7.4
<b>HAWAII</b> .....	442.5	445.0	450.2	21.4	25.2	24.9	4.8	5.7	5.5
Honolulu.....	342.0	343.1	347.1	15.2	17.9	17.5	4.5	5.2	5.0
<b>IDAHO</b> .....	415.9	420.6	423.0	35.8	51.3	50.6	8.6	12.2	12.0
Boise City.....	89.5	87.7	88.4	6.2	7.8	7.5	6.9	8.9	8.5
<b>ILLINOIS<sup>1</sup></b> .....	5,478.0	5,518.1	5,551.4	481.6	558.2	561.1	8.8	10.1	10.1
Bloomington—Normal.....	61.0	61.7	62.6	4.2	4.6	4.9	6.9	7.4	7.9
Champaign—Urbana—Rantoul.....	84.7	82.4	82.9	5.0	5.5	5.4	5.9	6.7	6.6
Chicago.....	3,437.4	3,476.8	3,497.2	278.4	322.8	325.9	8.1	9.3	9.3
Davenport—Rock Island—Moline <sup>1</sup> .....	184.2	193.0	186.1	14.8	30.4	22.0	8.1	15.8	11.8
Decatur.....	61.0	63.0	63.5	6.9	8.0	8.1	11.3	12.8	12.8
Kankakee.....	40.5	41.2	41.6	4.9	6.7	6.8	12.1	16.3	16.4
Peoria.....	171.6	172.6	175.4	16.6	16.8	18.7	9.7	9.8	10.6
Rockford.....	132.9	135.3	140.8	14.3	16.1	20.9	10.7	11.9	14.8
Springfield.....	95.5	97.4	97.4	6.8	8.1	7.6	7.2	8.3	7.8
<b>INDIANA</b> .....	2,604.4	2,600.4	2,578.4	282.6	354.4	343.1	10.8	13.6	13.3
Anderson.....	57.5	56.4	57.1	8.2	11.6	12.8	14.2	20.6	22.5
Elkhart.....	66.1	66.1	65.1	6.7	9.4	8.1	10.1	14.2	12.5
Evansville <sup>1</sup> .....	N.A.	147.9	146.3	N.A.	17.9	16.8	N.A.	12.1	11.5
Fort Wayne.....	194.6	190.6	187.9	23.4	26.3	24.3	12.0	13.8	12.9
Gary—Hammond—East Chicago.....	295.3	291.3	288.3	34.5	43.3	41.4	11.7	14.9	14.4
Indianapolis.....	603.0	603.4	599.1	50.9	61.8	61.5	8.4	10.2	10.3
Lafayette—West Lafayette.....	63.9	63.4	63.7	5.0	5.6	5.5	7.8	8.8	8.7
Muncie.....	57.6	58.3	58.6	7.0	9.8	10.8	12.1	16.9	18.5
South Bend.....	138.6	134.8	133.9	15.0	15.7	15.6	10.8	11.7	11.7
Terre Haute.....	81.6	78.3	77.7	8.8	11.6	11.0	10.8	14.8	14.1
<b>IOWA</b> .....	1,375.1	1,401.1	1,408.2	109.9	160.1	144.0	8.0	11.4	10.2
Cedar Rapids.....	86.5	87.7	87.7	7.3	10.1	9.8	8.5	11.6	11.2
Des Moines.....	180.7	183.7	184.9	12.5	18.2	17.3	6.9	9.9	9.4
Dubuque.....	44.7	45.5	45.0	5.6	10.4	6.6	12.5	22.8	14.7
Sioux City <sup>1</sup> .....	N.A.	54.9	55.2	N.A.	5.2	5.2	N.A.	9.4	9.4
Waterloo—Cedar Falls.....	68.4	69.1	69.4	5.7	8.2	8.6	8.3	11.8	12.4
<b>KANSAS</b> .....	1,167.1	1,151.8	1,151.4	56.7	58.5	66.4	4.9	5.1	5.8
Lawrence.....	34.7	34.2	34.5	1.8	1.6	1.9	5.3	4.7	5.4
Topeka.....	95.3	93.7	93.6	6.1	6.1	6.6	6.4	6.5	7.1
Wichita.....	224.7	224.0	221.8	9.6	11.1	13.1	4.3	5.0	5.9
<b>KENTUCKY</b> .....	1,643.9	1,612.9	1,593.4	159.0	186.6	183.4	9.7	11.6	11.5
Lexington—Fayette.....	N.A.	174.3	171.4	N.A.	11.9	10.9	N.A.	6.8	6.4
Louisville <sup>1</sup> .....	N.A.	426.0	421.4	N.A.	53.7	50.1	N.A.	12.6	11.9
Owensboro.....	N.A.	39.9	39.4	N.A.	4.4	4.5	N.A.	10.9	11.4
<b>LOUISIANA</b> .....	1,808.2	1,848.9	1,836.5	150.4	189.4	175.5	8.3	10.2	9.6
Alexandria.....	72.4	72.4	71.6	8.5	9.2	8.2	11.7	12.6	11.4
Baton Rouge.....	222.6	224.8	222.7	16.1	20.5	17.7	7.2	9.1	8.0
Lafayette.....	86.4	93.7	93.3	3.9	4.5	4.2	4.5	4.8	4.5
Lake Charles.....	80.3	81.5	79.8	6.6	10.4	9.6	8.2	12.7	12.0
Monroe.....	57.5	55.1	55.0	6.2	6.9	6.5	10.8	12.6	11.8
New Orleans.....	507.0	509.4	505.6	37.5	45.8	44.1	7.4	9.0	8.7
Shreveport.....	160.3	162.4	161.6	13.8	15.8	14.5	8.6	9.7	8.9
<b>MAINE</b> .....	492.3	492.3	497.5	40.1	40.9	44.1	8.1	8.3	8.9
Lewiston—Auburn.....	38.2	37.9	37.8	2.9	3.4	3.6	7.6	9.0	9.6
Portland.....	90.0	92.0	93.4	5.6	5.2	6.1	6.2	5.7	6.5
<b>MARYLAND</b> .....	2,146.7	2,148.9	2,156.3	166.6	210.1	211.5	7.8	9.8	9.8
Baltimore.....	1,077.4	1,080.4	1,083.2	95.0	116.6	118.9	8.8	10.8	11.0

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>MASSACHUSETTS<sup>1</sup></b>	2,929.4	2,992.2	2,960.3	183.6	238.2	246.7	6.3	8.0	8.3
Boston	1,426.8	1,469.1	1,443.8	76.8	98.4	101.7	5.4	6.7	7.0
Brockton	82.7	87.2	83.0	6.4	7.9	7.9	7.7	9.1	9.5
Fall River <sup>1</sup>	74.8	76.2	75.2	6.5	8.7	9.2	8.7	11.5	12.3
Lawrence—Haverhill <sup>1</sup>	146.6	145.5	143.5	9.4	12.9	12.5	6.4	8.8	8.7
Lowell	126.5	125.4	125.0	5.9	9.0	10.3	4.7	7.2	8.2
New Bedford	86.4	87.4	86.4	8.3	11.8	12.1	9.6	13.5	14.0
Springfield—Chicopee—Holyoke	279.1	279.2	289.4	17.7	22.9	24.1	6.3	8.2	8.3
Worcester	198.9	200.5	199.4	11.6	15.4	16.1	5.8	7.7	8.1
<b>MICHIGAN<sup>2</sup></b>	4,193.2	4,227.0	4,240.3	599.8	677.3	684.3	14.3	16.0	16.1
Ann Arbor	141.4	N.A.	N.A.	12.2	N.A.	N.A.	8.6	N.A.	N.A.
Battle Creek	78.2	N.A.	N.A.	10.8	N.A.	N.A.	13.8	N.A.	N.A.
Bay City	52.2	N.A.	N.A.	7.8	N.A.	N.A.	14.9	N.A.	N.A.
Detroit	1,956.2	N.A.	N.A.	292.7	N.A.	N.A.	15.0	N.A.	N.A.
Flint	224.4	N.A.	N.A.	38.5	N.A.	N.A.	17.2	N.A.	N.A.
Grand Rapids	308.4	N.A.	N.A.	30.7	N.A.	N.A.	10.0	N.A.	N.A.
Jackson	64.7	N.A.	N.A.	8.5	N.A.	N.A.	13.1	N.A.	N.A.
Kalamazoo—Portage	134.7	N.A.	N.A.	14.1	N.A.	N.A.	10.5	N.A.	N.A.
Lansing—East Lansing	235.8	N.A.	N.A.	28.4	N.A.	N.A.	12.1	N.A.	N.A.
Muskegon—Norton Shores—Muskegon Heights	76.5	N.A.	N.A.	12.9	N.A.	N.A.	16.8	N.A.	N.A.
Saginaw	98.4	N.A.	N.A.	12.2	N.A.	N.A.	12.4	N.A.	N.A.
<b>MINNESOTA</b>	2,085.0	2,072.9	2,080.2	142.0	156.6	161.2	6.8	7.6	7.7
Duluth—Superior <sup>1</sup>	113.2	110.3	110.9	10.9	12.4	13.7	9.6	11.2	12.3
Minneapolis—St. Paul	1,127.0	1,130.8	1,134.5	58.1	65.9	67.1	5.2	5.8	5.9
Rochester	55.0	55.7	55.5	2.8	3.3	3.3	5.1	5.9	6.0
St. Cloud	73.4	72.9	73.0	6.8	7.5	7.6	9.3	10.3	10.4
<b>MISSISSIPPI</b>	1,035.2	1,051.4	1,061.6	90.2	112.4	108.3	8.7	10.7	10.2
Jackson	156.1	159.2	161.1	9.1	11.4	10.5	5.8	7.1	6.5
<b>MISSOURI</b>	2,288.8	2,262.2	2,267.6	206.4	230.5	228.7	9.0	10.2	10.1
Kansas City <sup>1</sup>	680.2	662.6	662.6	55.8	56.4	56.1	8.2	8.5	8.5
St. Joseph	45.0	43.5	43.4	4.1	5.3	5.0	9.1	12.3	11.4
St. Louis <sup>1</sup>	1,107.8	1,094.0	1,092.2	102.3	112.3	111.6	9.2	10.3	10.2
Springfield	105.7	103.8	105.0	7.5	8.0	7.7	7.1	7.7	7.3
<b>MONTANA</b>	361.0	381.0	388.4	30.3	37.1	41.1	8.4	9.7	10.6
Billings	N.A.	59.3	59.9	N.A.	3.6	3.8	N.A.	6.0	6.4
Great Falls	N.A.	35.6	36.2	N.A.	3.2	3.4	N.A.	9.0	9.3
<b>NEBRASKA</b>	742.7	752.5	759.2	37.6	43.6	47.3	5.1	5.8	6.2
Lincoln	N.A.	109.2	110.5	N.A.	5.3	5.7	N.A.	4.9	5.2
Omaha <sup>1</sup>	N.A.	280.1	282.4	N.A.	19.3	20.6	N.A.	6.9	7.3
<b>NEVADA</b>	447.8	474.6	479.1	36.2	39.6	40.0	8.1	8.3	8.3
Las Vegas	252.3	266.3	269.0	22.8	23.2	23.6	9.1	8.7	8.8
Reno	123.1	130.8	132.1	7.9	9.1	9.1	6.4	6.9	6.9
<b>NEW HAMPSHIRE</b>	464.9	478.7	478.8	25.9	35.1	37.8	5.6	7.3	7.9
Manchester	82.2	84.1	84.2	5.2	7.1	7.2	6.3	8.4	8.5
Nashua	79.6	82.4	82.5	3.9	5.1	6.0	4.9	6.2	7.3
<b>NEW JERSEY</b>	3,537.2	3,564.4	3,506.3	272.3	350.7	326.6	7.7	9.8	9.3
Atlantic City	107.1	113.5	112.8	9.9	13.1	13.7	9.2	11.5	12.1
Jersey City	241.7	245.2	241.1	26.7	35.3	33.2	11.0	14.4	13.8
Long Branch—Asbury Park	232.3	238.3	234.7	16.7	23.7	22.3	7.2	9.9	9.5
New Brunswick—Perth Amboy—Sayreville	329.1	328.4	324.3	18.8	28.5	25.3	5.7	8.7	7.8
Newark	961.2	967.0	944.7	69.4	92.7	80.5	7.2	9.6	8.5
Paterson—Clifton—Passaic	208.9	206.9	203.5	19.6	24.2	22.7	9.4	11.7	11.1
Trenton	158.5	176.7	174.7	10.0	12.6	13.1	6.3	7.1	7.5
Vineland—Millville—Bridgeton	59.2	59.5	58.5	8.3	10.7	10.1	14.0	17.9	17.3
<b>NEW MEXICO</b>	561.7	571.5	570.2	43.7	44.3	42.7	7.8	7.7	7.5
Albuquerque	209.7	209.0	208.2	16.8	15.9	15.1	8.0	7.6	7.3
Las Cruces	34.6	35.4	36.1	2.7	2.6	2.6	7.9	7.4	7.2

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>NEW YORK<sup>2</sup></b>	8,083.4	7,980.4	8,036.1	668.6	680.9	722.2	8.3	8.5	9.0
Albany—Schenectady—Troy	387.7	380.4	384.2	26.4	27.6	29.4	6.8	7.3	7.7
Binghamton <sup>1</sup>	140.9	144.6	144.8	10.4	10.9	10.9	7.4	7.5	7.5
Buffalo	578.1	570.2	582.0	60.3	71.5	83.0	10.4	12.5	14.3
Elmira	40.3	39.6	40.0	3.4	3.7	4.3	8.4	9.2	10.8
Nassau-Suffolk	1,324.0	1,318.2	1,319.9	82.7	83.8	88.7	6.2	6.4	6.7
New York	3,668.2	3,604.5	3,611.4	317.4	309.8	311.9	8.7	8.6	8.6
New York City <sup>2</sup>	3,048.0	2,987.0	2,983.0	286.0	277.0	275.0	9.4	9.3	9.2
Poughkeepsie	111.1	113.2	115.1	6.6	6.9	7.7	6.0	6.1	6.7
Rochester	480.5	483.9	491.9	31.9	34.8	41.8	6.6	7.2	8.5
Syracuse	309.4	301.2	307.1	25.0	24.2	28.5	8.1	8.0	9.3
Utica—Rome	138.1	137.4	138.0	12.4	12.2	13.0	9.0	8.9	9.4
<b>NORTH CAROLINA</b>	2,870.8	2,899.5	2,917.6	210.0	263.6	270.7	7.3	9.1	9.3
Asheville	87.1	87.5	88.8	6.8	7.5	8.6	7.9	8.6	9.7
Charlotte—Gastonia	366.9	370.9	372.2	19.0	24.1	23.6	5.2	6.5	6.3
Greensboro—Winston-Salem—High Point	438.0	445.1	450.2	26.5	32.3	35.9	6.1	7.3	8.0
Raleigh—Durham	308.5	308.2	313.1	11.5	13.7	14.6	3.7	4.4	4.7
<b>NORTH DAKOTA</b>	284.9	289.9	296.1	19.5	18.6	17.0	6.8	6.4	5.7
Fargo—Moorehead <sup>1</sup>	68.6	70.0	N.A.	4.8	4.6	N.A.	7.0	6.5	N.A.
<b>OHIO<sup>2</sup></b>	4,922.0	5,031.6	4,966.9	498.8	598.1	605.8	10.1	11.9	12.2
Akron	292.3	298.4	295.6	28.9	34.2	35.1	9.9	11.5	11.9
Canton	181.7	187.7	185.0	18.0	23.6	23.6	9.9	12.6	12.7
Cincinnati <sup>1</sup>	N.A.	665.4	657.4	N.A.	71.1	71.3	N.A.	10.7	10.9
Cleveland	900.8	905.6	891.4	78.3	84.4	83.0	8.7	9.3	9.3
Columbus	543.6	554.8	548.2	42.0	48.8	49.4	7.7	8.8	9.0
Dayton	377.5	389.5	383.4	30.8	39.8	41.7	8.2	10.2	10.9
Toledo <sup>1</sup>	354.2	N.A.	N.A.	42.9	N.A.	N.A.	12.1	N.A.	N.A.
Youngstown—Warren	231.1	232.6	233.0	34.7	36.5	46.0	15.0	15.7	19.8
<b>OKLAHOMA</b>	1,396.8	1,454.0	1,451.6	55.7	72.5	69.5	4.0	5.0	4.8
Enid	29.3	29.7	30.1	.9	1.1	1.3	3.1	3.7	4.2
Lawton	33.8	34.0	34.2	1.7	1.5	1.5	4.9	4.4	4.4
Oklahoma City	429.2	454.6	450.2	15.1	24.1	20.7	3.5	5.3	4.6
Tulsa	343.6	360.5	361.1	12.7	15.7	16.4	3.7	4.3	4.5
<b>OREGON</b>	1,302.3	1,307.5	1,307.4	136.5	165.5	162.2	10.5	12.7	12.4
Eugene—Springfield	136.6	N.A.	N.A.	15.1	N.A.	N.A.	11.1	N.A.	N.A.
Portland <sup>1</sup>	610.4	N.A.	N.A.	39.2	N.A.	N.A.	6.4	N.A.	N.A.
Salem	121.1	N.A.	N.A.	11.3	N.A.	N.A.	9.3	N.A.	N.A.
<b>PENNSYLVANIA<sup>2</sup></b>	5,379.6	5,423.0	5,447.7	461.5	641.9	597.8	8.6	11.8	11.0
Allentown—Bethlehem—Easton <sup>1</sup>	309.0	309.1	308.8	27.0	36.2	34.7	8.7	11.7	11.2
Altoona	57.0	58.3	56.3	7.4	10.4	8.0	12.9	17.8	14.1
Erie	124.1	123.0	124.1	12.7	15.2	15.4	10.2	12.3	12.4
Harrisburg	231.3	235.4	237.5	14.4	20.5	18.0	6.2	8.7	7.6
Johnstown	106.8	106.8	106.0	14.7	19.2	17.6	13.7	18.0	16.6
Lancaster	178.7	183.2	182.7	10.7	18.4	14.5	6.0	10.0	7.9
Northeast Pennsylvania	286.1	285.5	285.9	31.7	38.0	34.3	11.1	13.3	12.0
Philadelphia <sup>1</sup>	2,148.9	2,144.2	2,157.9	153.2	205.4	198.9	7.1	9.6	9.2
Pittsburgh	1,017.1	1,023.8	1,024.6	79.8	116.5	109.1	7.8	11.4	10.6
Reading	156.5	160.0	159.9	12.8	18.7	16.4	8.2	11.7	10.3
Williamsport	53.5	53.2	53.5	7.0	7.6	7.1	13.1	14.3	13.3
York	176.1	180.9	179.5	15.2	22.2	19.0	8.6	12.3	10.6
<b>RHODE ISLAND</b>	471.5	472.5	475.9	39.2	45.5	48.8	8.3	9.6	10.2
Providence—Warwick—Pawtucket <sup>1</sup>	467.6	469.0	471.3	38.2	45.3	48.7	8.2	9.7	10.3
<b>SOUTH CAROLINA</b>	1,389.2	1,409.1	1,424.3	114.9	163.9	160.7	8.3	11.6	11.3
Charleston—North Charleston	167.4	169.5	170.7	12.1	17.4	15.6	7.2	10.3	9.2
Columbia	187.4	185.2	189.2	10.6	13.8	14.6	5.7	7.5	7.7
Greenville—Spartanburg	282.5	284.5	287.3	20.3	28.1	27.0	7.2	9.9	9.4
<b>SOUTH DAKOTA</b>	317.1	312.0	314.3	20.1	18.9	18.2	6.3	6.1	5.8
Rapid City	40.6	38.5	39.6	3.0	2.4	2.4	7.5	6.1	5.9
Sioux Falls	62.4	61.9	62.5	3.9	3.4	3.4	6.3	5.5	5.4
<b>TENNESSEE</b>	2,087.7	2,112.8	2,093.1	207.2	256.1	258.3	9.9	12.1	12.3
Chattanooga <sup>1</sup>	199.7	206.0	201.6	17.8	25.3	23.3	8.9	12.3	11.6
Knoxville	225.9	228.4	227.5	17.8	19.2	18.8	7.9	8.4	8.3
Memphis <sup>1</sup>	402.7	407.2	402.3	32.2	40.2	39.2	8.0	9.9	9.7
Nashville—Davidson	425.1	427.2	424.4	31.2	35.9	38.7	7.3	8.4	9.1

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
<b>TEXAS<sup>2</sup></b> .....	6,922.9	7,162.6	7,223.2	326.9	425.7	420.6	4.7	5.9	5.8
Abilene .....	73.5	75.9	76.2	2.1	2.8	3.2	2.8	3.7	4.2
Amarillo .....	90.4	96.6	96.3	3.6	7.0	6.0	4.0	7.2	6.3
Austin .....	279.5	285.9	287.8	8.2	13.1	11.1	2.9	4.6	3.9
Beaumont—Port Arthur—Orange .....	176.9	178.6	180.7	10.2	14.1	14.7	5.8	7.9	8.1
Corpus Christi .....	150.1	159.1	161.1	8.4	10.2	10.1	5.6	6.4	6.3
Dallas—Fort Worth .....	1,622.4	1,680.2	1,696.4	66.7	91.3	86.6	4.1	5.4	5.1
El Paso .....	185.1	186.0	188.9	16.2	17.2	18.9	8.7	9.3	10.0
Galveston—Texas City .....	85.0	88.4	89.9	5.5	7.5	8.1	6.5	8.4	9.0
Houston .....	1,620.9	1,707.6	1,718.9	56.6	79.9	80.9	3.5	4.7	4.7
Longview—Marshall .....	73.6	75.5	75.7	4.2	5.0	4.6	5.8	6.7	6.1
Lubbock .....	104.0	105.2	107.2	4.0	4.6	5.3	3.8	4.4	4.9
Midland .....	56.2	62.8	64.6	1.4	3.4	4.1	2.5	5.4	6.4
Odessa .....	69.2	74.5	75.9	2.7	3.4	4.1	3.9	4.6	5.4
San Angelo .....	45.6	47.5	48.2	1.6	2.0	2.2	3.6	4.2	4.7
San Antonio .....	453.4	461.9	466.0	26.5	32.0	32.7	5.8	6.9	7.0
Sherman—Denison .....	41.9	41.8	41.8	2.6	3.1	2.6	6.2	7.3	6.2
Waco .....	83.1	83.1	83.3	3.8	4.4	3.9	4.6	5.3	4.7
Wichita Falls .....	64.6	66.7	67.4	2.0	3.0	3.2	3.1	4.5	4.8
<b>UTAH</b> .....	633.0	660.9	664.8	47.6	57.8	60.2	7.5	8.7	9.1
Salt Lake City—Ogden .....	417.5	434.8	435.2	30.7	36.0	36.8	7.4	8.3	8.4
<b>VERMONT</b> .....	257.4	260.6	260.3	17.1	20.6	22.6	6.6	7.9	8.7
<b>VIRGINIA</b> .....	2,549.5	2,607.4	2,624.1	163.7	203.2	220.2	6.4	7.8	8.4
Lynchburg .....	74.4	74.8	75.3	4.4	4.7	5.3	6.0	6.3	7.0
Newport News—Hampton .....	161.3	165.3	166.2	10.2	12.2	13.0	6.3	7.4	7.8
Norfolk—Virginia Beach—Portsmouth <sup>1</sup> .....	324.7	337.8	338.5	23.5	28.5	27.6	7.2	8.4	8.2
Petersburg—Colonial Heights—Hopewell .....	57.6	59.3	60.2	4.5	5.6	6.6	7.9	9.5	10.9
Richmond .....	327.7	336.7	339.4	13.1	18.2	20.7	4.0	5.4	6.1
Roanoke .....	109.5	110.3	110.9	6.6	8.4	9.1	6.0	7.6	8.2
<b>WASHINGTON</b> .....	1,974.5	1,965.8	1,972.6	191.9	246.4	256.8	9.7	12.5	13.0
Seattle—Everett .....	868.1	862.8	863.8	66.6	84.9	90.3	7.7	9.8	10.5
Spokane .....	149.8	149.7	150.0	16.1	19.5	20.7	10.8	13.1	13.8
Tacoma .....	176.1	177.4	177.4	17.1	21.5	22.1	9.7	12.1	12.5
<b>WEST VIRGINIA</b> .....	785.0	780.6	770.3	94.5	101.2	95.2	12.0	13.0	12.4
Charleston .....	126.8	126.2	124.3	13.4	12.7	11.8	10.6	10.0	9.5
Huntington—Ashland <sup>1</sup> .....	N.A.	125.4	124.1	N.A.	15.8	15.5	N.A.	12.6	12.4
Parkersburg—Marietta <sup>1</sup> .....	N.A.	73.4	73.0	N.A.	9.0	8.9	N.A.	12.3	12.2
Wheeling <sup>1</sup> .....	N.A.	83.7	82.1	N.A.	10.9	10.8	N.A.	13.0	13.2
<b>WISCONSIN</b> .....	2,335.6	2,329.1	2,325.9	213.4	234.5	220.6	9.1	10.1	9.5
Appleton—Oshkosh .....	145.8	145.4	146.5	13.3	14.0	14.4	9.1	9.6	9.8
Eau Claire .....	57.1	57.5	58.6	5.1	5.6	5.5	8.9	9.8	9.3
Green Bay .....	88.2	89.1	88.2	8.0	8.4	7.7	9.0	9.4	8.8
Janeville—Beloit .....	68.3	69.3	69.3	5.6	12.0	11.5	8.1	17.3	16.6
Kenosha .....	57.9	58.9	56.4	9.6	7.8	6.2	16.6	13.3	11.1
La Crosse .....	47.8	48.5	48.9	4.0	4.3	4.1	8.4	8.9	8.4
Madison .....	179.4	181.4	181.9	10.9	12.5	12.0	6.1	6.9	6.6
Milwaukee .....	710.1	703.2	699.8	55.7	58.8	53.9	7.8	8.4	7.7
Racine .....	86.6	83.4	82.7	9.6	11.3	9.1	11.1	13.6	11.0
<b>WYOMING</b> .....	235.6	241.9	246.2	11.0	12.1	11.9	4.7	5.0	4.8

<sup>1</sup> Includes interstate portion of area located in adjacent State.

<sup>2</sup> Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

# Explanatory Notes

## Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviews from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

### RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

#### Employment

*Coverage.* The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

*Multiple jobholding.* The household approach provides information on the work status of the population without duplication, since each

person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

*Unpaid absences from jobs.* The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

#### Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

#### Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

### COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

#### COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment

counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

*County Business Patterns.* Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

*Employment covered by State unemployment insurance programs.* Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

## Household Data (A tables)

#### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are

included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

## CONCEPTS

*Employed persons* comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

*Unemployed persons* comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described

above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The *unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

*Participation rates* represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

*Employment-population ratios* represent the proportion of the total noninstitutional population that is employed.

*Not in labor force* includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.



The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

*Labor force time lost* is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*White and black and other* are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

*Hispanic origin* refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

*Major activity: going to school and major activity: other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

*Vietnam-era veterans* are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

*Nonveterans* are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal in-

teragency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

*Usual weekly earnings* data are provided from responses to the question "How much does . . . USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

*Family* refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

## HISTORIC COMPARABILITY

### Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

### Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census.

This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

#### **Changes in the occupational classification system**

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

#### **Changes in sample design**

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

### ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

*1. Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these

residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

*2. Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

*a. First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

*b. Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

**Table A. Characteristics of the CPS sample**

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954 .....	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956 .....	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959 .....	<sup>1</sup> 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	<sup>2</sup> 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966 .....	357	33,500	1,500	6,000
Jan. 1967 to July 1971 .....	449	48,000	2,000	8,500
Aug. 1971 to July 1972 .....	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977 .....	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979 .....	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981 .....	629	62,200	2,800	12,000
May 1981 to present .....	629	57,800	2,500	11,000

<sup>1</sup> Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

<sup>2</sup> Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

**3. Composite estimate procedure.** In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

#### **Rounding of estimates**

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

#### **Reliability of the estimates**

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

**Nonsampling errors.** The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

**Sampling error.** The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

*Standard errors for estimated totals.* Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to be used for the characteristics as indicated.

*Illustration.* Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of

12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

*Standard errors for rates and percentages.* The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

**Table B. Standard errors for major employment status categories**

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force .....	208	161
Employed .....	229	175
Unemployed .....	122	123
Males, 20 years and over:		
Civilian labor force .....	113	95
Employed .....	131	114
Unemployed .....	84	85
Females, 20 years and over:		
Civilian labor force .....	167	124
Employed .....	168	128
Unemployed .....	71	74
Both sexes, 16-19 years:		
Civilian labor force .....	80	85
Employed .....	85	94
Unemployed .....	58	72
Black and other, 16 years and over:		
Civilian labor force .....	73	56
Employed .....	84	63
Unemployed .....	59	62
Males, 20 years and over:		
Civilian labor force .....	40	34
Employed .....	49	43
Unemployed .....	40	42
Females, 20 years and over:		
Civilian labor force .....	62	46
Employed .....	62	48
Unemployed .....	36	40
Both sexes, 16-19 years:		
Civilian labor force .....	33	37
Employed .....	31	36
Unemployed .....	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

*Illustration.* For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately  $0.09 \times 1.26 = 0.11$  percentage point.

*Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages.* The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

*Illustration.* For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base

of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by  $0.11 \times 1.40 = 0.15$  percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\frac{\text{Standard error}}{X}\right)^2 + \left(\frac{\text{Standard error}}{Y}\right)^2 - 2(P)\left(\frac{\text{Standard error}}{X}\right)\left(\frac{\text{Standard error}}{Y}\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

*Illustration:*

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000 year-to-year change is:

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(.30)(216,000)(221,000)},$$

or about 259,000.

**Table C. Standard errors for unemployment rates by major characteristics**

Selected categories	Standard error of-		Selected categories	Standard error of-	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers) .....	0.12	0.12	<b>OCCUPATION</b>		
Males, 20 years and over .....	.15	.15	Blue-collar workers—Continued		
Females, 20 years and over .....	.17	.18	Craft and kindred workers .....	0.33	0.37
Both sexes, 16-19 years .....	.57	.67	Operatives, except transport .....	.44	.50
White workers .....	.12	.12	Transport equipment operatives .....	.70	.77
Black (and other) workers .....	.46	.49	Nonfarm laborers .....	.71	.81
Married men, spouse present .....	.15	.16	Service workers .....	.32	.36
Married women, spouse present .....	.21	.23	Farm workers .....	.54	.62
Full-time workers .....	.12	.13	<b>INDUSTRY</b>		
Part-time workers .....	.32	.40	Nonagricultural private wage and salary workers .....	.13	.13
Unemployed 15 weeks and over .....	.06	.07	Construction .....	.59	.70
<b>OCCUPATION</b>			Manufacturing .....	.27	.30
White-collar workers .....	.12	.13	Durable goods .....	.37	.41
Professional and technical .....	.18	.20	Nondurable goods .....	.39	.45
Managers and administrators, except farm .....	.20	.23	Transportation and public utilities .....	.38	.42
Sales workers .....	.36	.41	Wholesale and retail trade .....	.26	.29
Clerical workers .....	.23	.25	Finance and service industries .....	.17	.19
Blue-collar workers .....	.24	.26	Government workers .....	.20	.23
			Agricultural wage and salary workers .....	1.07	1.26

**Table D. Standard errors for estimates of monthly level**

(In thousands)

Estimated monthly level	Characteristic <sup>1</sup>								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50 .....	13	10	10	10	10	9	9	10	11
100 .....	18	14	14	14	14	13	13	14	15
500 .....	41	32	32	32	28	30	29	31	33
1,000 .....	57	45	44	44	33	42	40	44	46
2,000 .....	81	64	60	60	13	59	52	62	63
4,000 .....	113	90	79	77	-	82	60	87	83
6,000 .....	137	109	88	84	-	99	53	106	93
8,000 .....	-	125	90	84	-	113	16	122	-
10,000 .....	-	139	87	76	-	124	-	135	-
15,000 .....	-	166	36	-	-	146	-	163	-
20,000 .....	-	188	-	-	-	161	-	182	-
30,000 .....	-	219	-	-	-	177	-	-	-
40,000 .....	-	249	-	-	-	178	-	-	-
50,000 .....	-	253	-	-	-	164	-	-	-
60,000 .....	-	260	-	-	-	131	-	-	-
70,000 .....	-	260	-	-	-	49	-	-	-
80,000 .....	-	254	-	-	-	-	-	-	-
100,000 .....	-	221	-	-	-	-	-	-	-
120,000 .....	-	143	-	-	-	-	-	-	-

<sup>1</sup> When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

**Table E. Standard errors for estimates of month-to-month change**

(In thousands)

Estimated monthly level	Characteristic <sup>1</sup>							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force <sup>2</sup>	Black and other	Black and other, 16-19 years
50 .....	8	6	12	12	11	12	12	12
100 .....	11	11	17	17	16	17	16	17
500 .....	24	23	37	33	35	39	36	34
1,000 .....	34	33	52	37	48	55	49	39
2,000 .....	47	45	70	-	68	77	65	-
4,000 .....	66	58	69	-	93	107	80	-
6,000 .....	81	65	96	-	110	129	-	-
8,000 .....	93	68	93	-	123	147	-	-
10,000 .....	103	65	78	-	132	162	-	-
15,000 .....	123	33	-	-	145	191	-	-
20,000 .....	130	-	-	-	146	211	-	-
30,000 .....	163	-	-	-	-	-	-	-
40,000 .....	179	-	-	-	-	-	-	-
50,000 .....	189	-	-	-	-	-	-	-
60,000 .....	194	-	-	-	-	-	-	-
70,000 .....	195	-	-	-	-	-	-	-
80,000 .....	191	-	-	-	-	-	-	-
100,000 .....	179	-	-	-	-	-	-	-
120,000 .....	119	-	-	-	-	-	-	-

<sup>1</sup> See footnote 1, table D.

<sup>2</sup> Part-time labor force for unemployment also includes persons

reentering the labor force, persons who left their last job, and persons by duration of unemployment.

**Table F. Standard errors for unemployment rates**

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50 .....	2.05	2.88	4.49	6.18	7.38	8.25	8.93	9.46	9.85	10.36
100 .....	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.89	6.97	7.33
500 .....	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000 .....	.48	.85	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000 .....	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000 .....	.23	.32	.50	.69	.83	.92	1.00	1.08	1.10	1.16
6,000 .....	.19	.26	.41	.57	.87	.75	.82	.86	.90	.94
10,000 .....	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000 .....	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000 .....	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000 .....	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

**Table G. Standard errors for month-to-month change in unemployment rates**

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50 .....	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100 .....	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500 .....	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000 .....	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000 .....	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000 .....	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000 .....	.21	.30	.47	.64	.76	.86	.89	.97	1.00	-
10,000 .....	.16	.13	.36	.49	.59	.65	.87	.72	-	-
20,000 .....	.11	.15	.24	.33	.39	.44	.48	.51	-	-
60,000 .....	.06	.09	.13	.18	.21	.22	.23	-	-	-
100,000 .....	.05	.07	.10	.13	.14	.14	-	-	-	-

**Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data**

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50 .....	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100 .....	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500 .....	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000 .....	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000 .....	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000 .....	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000 .....	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000 .....	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000 .....	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000 .....	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000 .....	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000 .....	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000 .....	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000 .....	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.



**Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages**

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
<b>Agricultural employment:</b>			<b>Unemployment:</b>		
Total or full-time labor force .....	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force. ....	1.01	1.21
Part-time labor force .....	1.26	1.50	<b>All other unemployment characteristics:</b>		
<b>Labor force data other than agricultural employment data and unemployment data:</b>			Total or white:		
Total .....	1.00	.74	Total .....	.97	1.08
Males only .....	.93	.84	Both sexes, 16-19 years .....	.97	1.21
Females only .....	.86	.75	<b>Black and other:</b>		
Both sexes, 16-19 years .....	1.00	1.18	Total .....	1.04	1.13
Part-time labor force .....	1.00	1.18	Both sexes, 16-19 years .....	1.04	1.24

**Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages**

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
<b>Agricultural employment:</b>					
Total or males .....	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years) .....	1.30	.83	.80	.58	.70
Part time .....	1.40	.74	.80	.46	.70
<b>Labor force data other than agricultural employment data and unemployment data:</b>					
Total or white .....	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years) .....	1.30	.82	.88	.57	.70
Part time .....	1.40	.74	.88	.46	.80
<b>Unemployment:</b>					
Total .....	1.40	.76	.88	.50	.65
Part time .....	1.40	.69	.88	.39	.54

**Table K. Standard errors for estimates of quarterly level**

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10 .....	5	5	5	5	5	5	5	5	5
50 .....	11	12	12	11	12	12	12	11	11
75 .....	13	15	15	13	15	15	15	13	13
100 .....	15	17	17	15	17	17	17	15	15
150 .....	19	21	21	19	21	21	21	19	19
200 .....	22	24	24	22	24	24	24	22	21
250 .....	24	27	27	24	27	27	27	24	24
300 .....	26	30	30	26	30	30	29	26	26
500 .....	34	38	38	34	38	38	37	34	33
750 .....	42	47	46	42	47	47	45	42	41
1,000 .....	48	54	53	48	54	54	50	48	46
1,500 .....	59	66	63	59	66	66	59	59	56
2,000 .....	68	76	72	68	76	76	65	68	63
2,500 .....	76	85	79	75	84	84	69	75	69
3,000 .....	83	93	85	82	92	92	71	82	74
5,000 .....	107	119	100	105	117	116	64	105	85
7,500 .....	130	145	107	127	140	138	-	127	-
10,000 .....	149	165	102	144	157	155	-	145	-
15,000 .....	180	198	-	187	183	179	-	173	-
20,000 .....	205	224	-	192	199	193	-	195	-
25,000 .....	226	244	-	207	209	199	-	211	-
30,000 .....	224	261	-	219	212	198	-	224	-
40,000 .....	273	286	-	236	201	174	-	242	-
50,000 .....	296	301	-	-	-	-	-	-	-
75,000 .....	331	304	-	-	-	-	-	-	-
100,000 .....	343	255	-	-	-	-	-	-	-

# Establishment Data (B, and C tables)

## COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

### Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

### Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

### Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

*Production and related workers* include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), record-keeping, and other services closely associated with the above production operation.

*Construction workers* include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

*Payroll* covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

*Hours* cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

*Overtime hours* covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded. *Gross average hourly and weekly earnings.* Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

*Average weekly hours.* The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

*Average overtime hours.* The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

*Railroads hours and earnings.* The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPJ-W).

*Average hourly earnings excluding overtime.* Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

*Indexes of aggregate weekly payrolls and hours.* The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

*Indexes of diffusion of changes in number of employees on nonagricultural payrolls.* These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

## ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedure are described in table L.

### Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

### Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

**Table L. Summary of methods for computing industry statistics on employment, hours, and earnings**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
All employees .....	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. <sup>1</sup>	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees .....	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours .....	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers. <sup>2</sup>	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours .....	Production-worker overtime hours divided by number of production workers. <sup>2</sup>	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings .....	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours. <sup>2</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings .....	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
<b>Annual average data</b>		
All employees, women employees, and production or nonsupervisory workers .....	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours .....	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours .....	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings .....	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings .....	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

<sup>1</sup> The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

<sup>2</sup> The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are

modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

## THE SAMPLE

### Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by

**Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980**

Industry division	Bench-mark, March 1980	Estimate, March 1980	Per-cent difference
Total .....	90,253,000	90,316,000	0.1
Mining .....	990,000	996,000	.6
Construction .....	4,087,000	4,150,000	1.5
Manufacturing .....	20,722,000	20,793,000	.3
Transportation and public utilities .....	5,127,000	5,143,000	.3
Wholesale and retail trade .....	20,068,000	20,226,000	.7
Finance, insurance, and real estate .....	5,080,000	5,085,000	-.1
Services .....	17,636,000	17,478,000	-.9
Government .....	16,533,000	16,445,000	-.5

available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

### Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

**Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total .....	166,300	35,270,000	38
Mining .....	2,100	369,000	37
Construction .....	16,100	739,000	18
Manufacturing .....	44,200	11,175,000	54
Transportation and public utilities:			
Railroad transportation (ICC) .....	40	482,000	90
Other transportation and public utilities .....	7,600	2,623,000	57
Wholesale and retail trade .....	41,100	3,288,000	16
Finance, insurance, and real estate .....	11,200	1,826,000	36
Services .....	25,500	3,516,000	20
Government:			
Federal <sup>2</sup> .....	4,500	2,869,000	100
State and local .....	13,900	8,383,000	61

<sup>1</sup> Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

<sup>2</sup> National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,700 reports covering about 55 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

**Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division**

(In percent)

Industry division	Average benchmark revision in estimates of employment <sup>1</sup>	Relative errors <sup>2</sup>	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.3	-	-
Total private .....	.3	0.1	0.2
Mining .....	1.0	.5	.5
Construction .....	1.7	.2	.3
Manufacturing .....	.3	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.4	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.4	.1	.2
Wholesale .....	.7	.2	.3
Retail .....	.4	.2	.2
Finance, insurance, and real estate .....	.5	.2	.4
Services .....	.7	.4	.8
Government <sup>3</sup> .....	.5	-	-

<sup>1</sup> The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, and 1979.

<sup>2</sup> Relative errors relate to March 1971 data.

<sup>3</sup> Estimates for government are based on a total count for Federal Government and, prior to the March 1980 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

**Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings**

Size of employment estimate	Root-mean-square error of employment estimates <sup>1</sup>	Relative errors <sup>2</sup> (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	2,100	0.9	1.5
100,000 .....	4,400	.7	1.1
200,000 .....	7,100	.5	.9
500,000 .....	15,200	.4	.8
1,000,000 .....	17,100	.3	.5
2,000,000 .....	28,500	.3	.5

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

<sup>2</sup> Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

#### STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

**Table Q. Errors of preliminary employment estimates**

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
<b>INDUSTRY DIVISIONS</b>		
Total nonagricultural employment .....	83,000	69,000
Mining .....	5,000	5,000
Construction .....	19,000	16,000
Manufacturing .....	29,000	27,000
Durable two-digit industries .....	3,700	3,500
Nondurable two-digit industries .....	2,500	2,500
Transportation and public utilities .....	14,000	14,000
Wholesale and retail trade .....	30,000	27,000
Finance, insurance, and real estate .....	8,000	7,000
Services .....	31,000	26,000
Government .....	46,000	36,000
<b>DETAILED INDUSTRIES: SIZE OF EMPLOYMENT ESTIMATE</b>		
50,000 .....	300	400
100,000 .....	700	700
200,000 .....	1,100	1,100
500,000 .....	3,900	4,100
1,000,000 .....	3,800	3,900
2,000,000 .....	8,000	6,100

NOTE: Division level data are based on differences from January 1974 through March 1980. Detailed industry data are based on differences from August 1978 through June 1979.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

## PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

### Definitions

*Hours of wage and salary workers* in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

*Output* is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

*Compensation per hour* includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and sup-

plementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

*Real compensation per hour* is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

*Unit labor costs* measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

### Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

# State and Area Unemployment Data (D table)

## FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an area for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

## ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment*: The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employ-

ment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment*: In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each non-covered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and



the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

$$U = A (X + E) + BX, \text{ where}$$

U = total entrant unemployment

E = total employment

X = total experienced unemployment

A, B = synthetic factors incorporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based

method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundaries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structural limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

## Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure,

which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continue to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or non-supervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade manufacturing, and durable and nondurable goods

industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

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X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 37000, Juneau 99802
IX ARIZONA	-Department of Economic Security, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, P.O. Box 2981, Employment Security Building, Little Rock 72203
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