

EMPLOYMENT AND EARNINGS

VOL. 19 NO. 5 NOVEMBER 1972

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Editors' Note

Beginning with this issue, table C-10, *Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted* (page 98) has been expanded to include data on manufacturing and on nonfinancial corporations. A new table has also been added: C-11, *Percent changes from preceding quarter and years in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate* (page 99).

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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:												
	Jan.	Feb.	Mar.	Apr.	May	July	Aug.	Sept.	Oct.	Nov.		
Household data												
Annual averages	x											
Revised seasonally adjusted series and current seasonal factors		x										
Quarterly averages:												
Seasonally adjusted data												
Persons not in labor force	x			x		x				x		
Vietnam Era war veterans												
Establishment data												
National annual averages:												
Industry divisions (preliminary)	x											
Industry detail (final)			x									
Women employment (National)		x	x		x		x				x	
National data adjusted to new benchmarks										(1)		
Revised seasonally adjusted series and current seasonal factors										(1)		
State and area annual averages					x							
Area definitions					x							

¹ The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1972 issue marks the introduction of March 1971 benchmarks.

Employment and Unemployment Developments, October 1972

Employment continued to rise in October, while unemployment remained unchanged. The October jobless rate, at 5.5 percent, was at about the same level as in the previous 4 months, following a decline from a level of around 6 percent last year and early this year.

Total employment increased by 260,000 in October (seasonally adjusted), continuing the steady rise that began in 1971. Nonfarm payroll employment also rose substantially between September and October.

Unemployment

After seasonal adjustment, both the level and rate of unemployment remained unchanged between September and October, at 4.8 million and 5.5 percent, respectively. The actual number of jobless persons moved down 200,000 (to 4.5 million), but this decline was in line with the usual movement between these 2 months.

Unemployment rates for most of the major demographic groups showed little or no change over the month. Specifically, the jobless rates for adult men (3.9 percent), adult women (5.5 percent), whites (5.0 percent), Negroes (10.1 percent), household heads (3.4 percent), and married men (2.8 percent) were essentially the same as in September. The rate for teenagers, however, declined from 16.5 to 15.3 percent. Compared with a year ago, unemployment rates were down moderately for adult men, married men, teenagers, and white workers, while rates remained at about the same levels for household heads, adult women, and Negroes.

Jobless rates were also basically unchanged between September and October for most other major labor force categories, including full-time workers, part-time workers, State insured workers, white- and blue-collar workers, and workers in nearly every major industry group. There were two exceptions to this pattern: The rate for workers in service occupations dropped back to the August level, and the rate for workers in the construction industry rose from 9.2 to 10.6 percent. The rate for factory workers was about unchanged, at 5.0 percent, but has fallen well below its 1971 average of

6.8 percent, largely because of a decline in unemployment in durable goods manufacturing.

The average (mean) duration of unemployment was 11.6 weeks in October (seasonally adjusted), down from 12.2 weeks in September.

Although the overall level of joblessness remained stable in October, there was a 180,000 reduction (seasonally adjusted) in the number of unemployed workers who had lost their last job. This brought the job-loser total down to a level of 1.9 million, the lowest in over 2 years. Compared with a year ago, unemployment of job losers has declined by 260,000, this being partially offset by an increase among persons who quit their last job and began looking for another one. Job losers now comprise 41 percent of the total unemployed, down from 45 percent last October.

Civilian labor force and total employment

Total employment rose more than seasonally expected between September and October and, after seasonal adjustment, was up by 260,000 to 82.5 million. This increase occurred among full-time jobholders, whose employment level advanced by 600,000 over the month, while part-time employment declined. This situation was in marked contrast to developments over the previous several months when employment gains had been concentrated among part-time workers.

Since last October, total employment has increased by over 2.3 million (after eliminating the effects of the 1970 Census population control adjustment introduced in January 1972). Adult men accounted for almost 1.1 million of this increase, adult women for 700,000, and teenagers for more than 500,000.

The civilian labor force grew to 87.3 million in October (seasonally adjusted), reflecting the over-the-month rise in the number of persons holding jobs. The labor force has increased by 800,000 persons during the past 3 months, compared to only about 200,000 during the preceding 3-month period (April to July). Since last October, the increase was 2.2 million.

Vietnam Era veterans

The unemployment rate for veterans 20 to 29 years of age was 6.4 percent (seasonally adjusted) in October, about the same as the nonveteran rate (6.6 percent). (See table A-38.) The veterans' jobless rate has dropped in stages throughout 1972—from over 8 percent in the first 5 months to about 7½ percent from June through August and then to about 6½ percent in September and October.

While most of the reduction in the veterans' unemployment rate reflects an improved job situation, some is due to a shift in their age composition. Since early this year, the number of young men leaving military service has slowed considerably, and a large proportion of veterans are now in the older ages (25-29) where the unemployment rate is lower, reflecting a longer period since their discharge from the service and the consequent increase in their labor market experience. In fact, the number of veterans aged 30 to 34 is also increasing. In October 1972, their population numbered 775,000 or 13 percent of all Vietnam Era veterans. Their unemployment rate in October was only 2.7 percent (not seasonally adjusted), virtually the same as that for 30-34 year-old nonveterans.

Industry payroll employment

Nonagricultural payroll employment posted another substantial gain in October, rising 300,000 (seasonally adjusted) to 73.5 million. Since October a year ago, nonfarm employment has risen 2.7 million.

An increase of 125,000 in the number of goods-producing jobs occurred entirely in the manufacturing industries, the bulk of it in the durable goods industries. Since October 1971, manufacturing employment has increased by 650,000. Over the previous 2 years (October 1969-October 1971), in contrast, the number of factory jobs had declined nearly 1.8 million.

In the service-producing industries, payroll employment advanced 175,000 in October, reflecting sizeable increases in trade, services, and State and local government.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was unchanged in October at 37.3 hours, seasonally adjusted. Since last October, the average workweek has increased three-tenths of an hour.

In manufacturing, the workweek remained at 40.7 hours. After rising steadily from the 9-year low reached in September 1970, the factory workweek has been stable since June. Average overtime in manufacturing, 3.5 hours in October, also has shown little change in recent months but was up six-tenths of an hour from a year ago.

Hourly and weekly earnings

Average hourly earnings of rank-and-file workers on private nonagricultural payrolls were about unchanged in October at \$3.73. On a seasonally adjusted basis, earnings were up 3 cents to \$3.72. Since last October, hourly earnings have increased 23 cents or 6.6 percent.

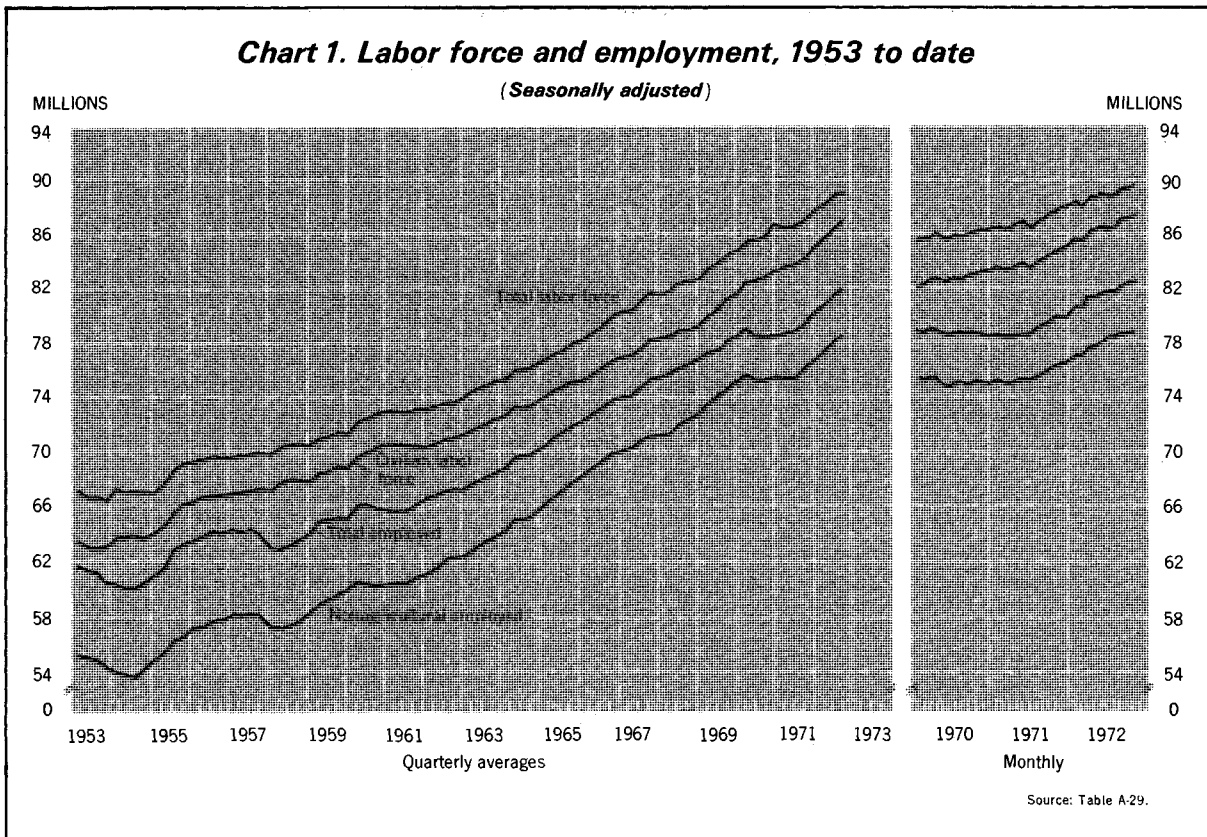
Average weekly earnings were unchanged over the month at \$139.13. After seasonal adjustment, however, weekly earnings rose \$1.12 to \$138.76. Since October a year ago, average weekly earnings have risen \$9.63 or 7.4 percent. During the latest 12-month period for which the Consumer Price Index is available—September 1971 to September 1972—consumer prices rose 3.3 percent.

Hourly earnings index

The Bureau's Hourly Earnings Index, seasonally adjusted, was 140.2 (1967=100) in October, 0.8 percent higher than in September, according to preliminary figures. The index was 6.4 percent above October a year ago. All industries posted over-the-year increases, ranging from 5.1 percent in contract construction to 10.2 percent in transportation and public utilities. During the 12-month period ending in September, the Hourly Earnings Index in dollars of constant purchasing power rose 2.5 percent.

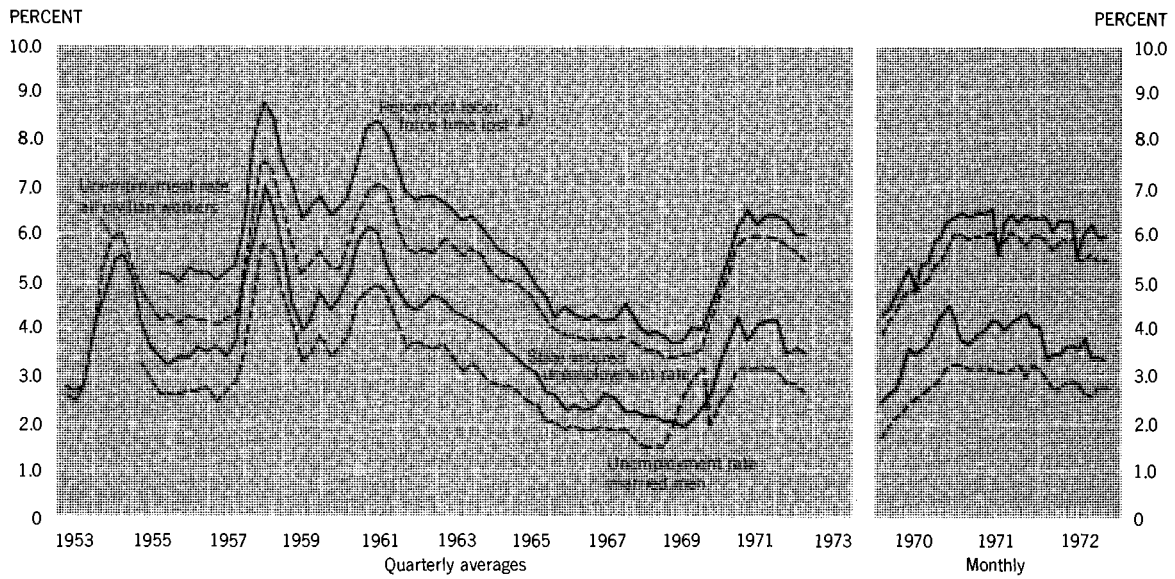
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**Chart 2. Major unemployment indicators
1953 to date**

(Seasonally adjusted)

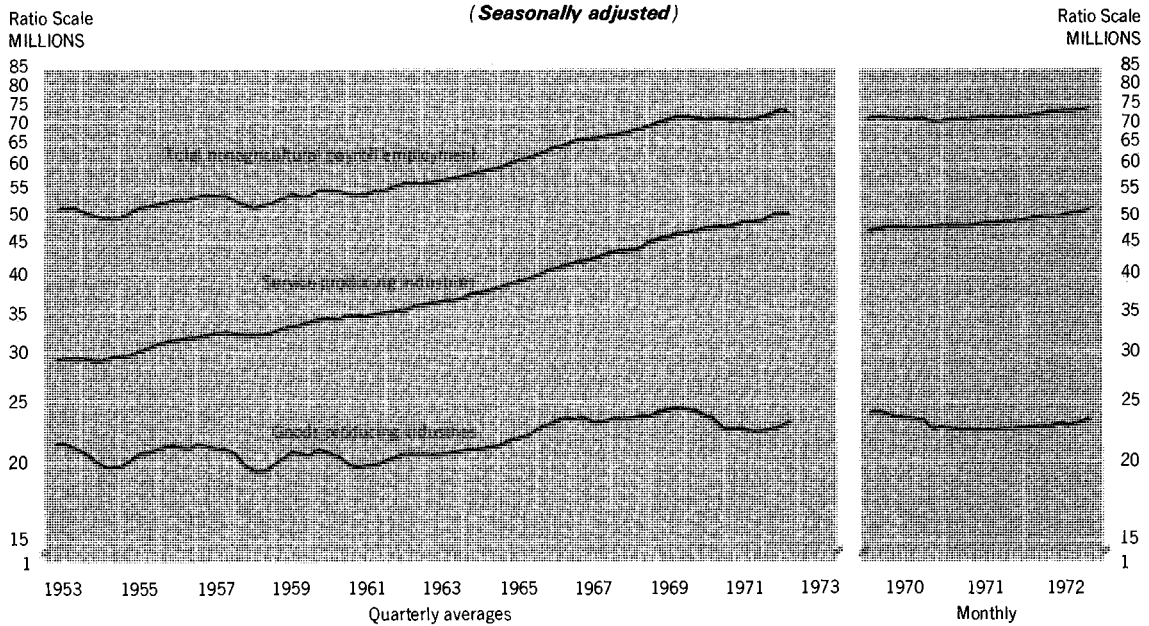


^{1/} Series revised beginning 1963 to reflect whether unemployed persons sought full or part-time jobs.

Source: Table A-33.

**Chart 3. Payroll employment in goods-and service-producing industries
1953 to date**

(Seasonally adjusted)

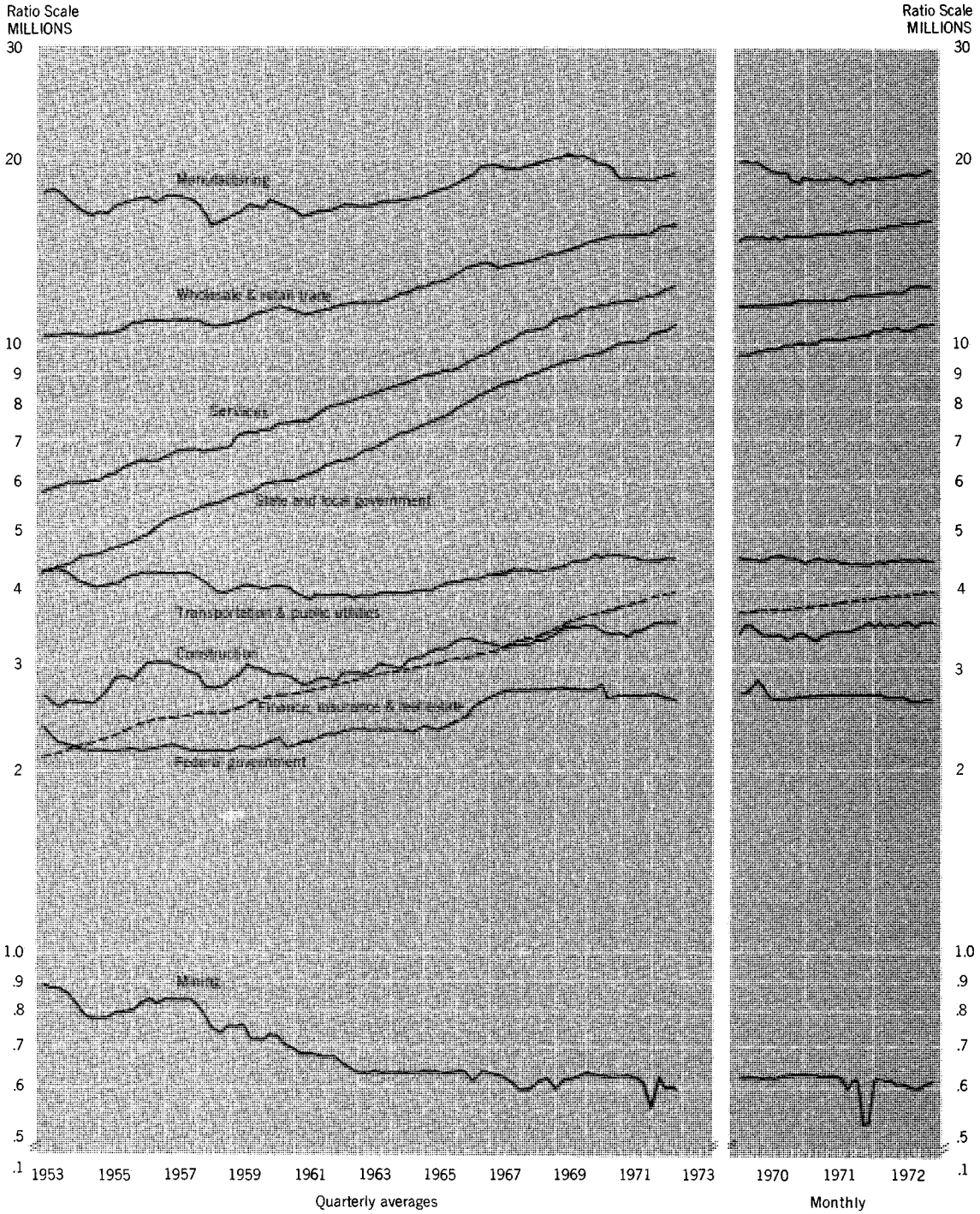


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

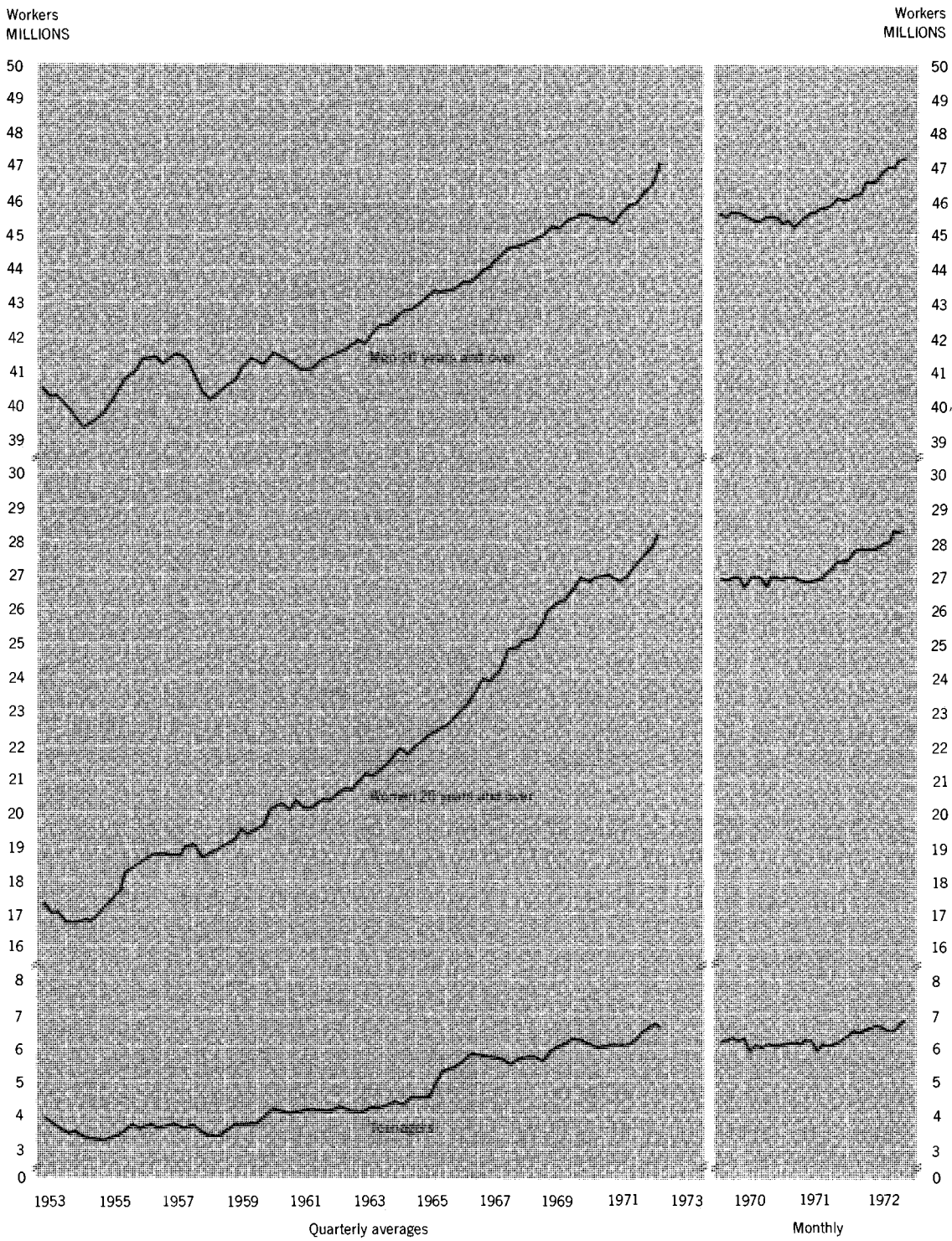
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

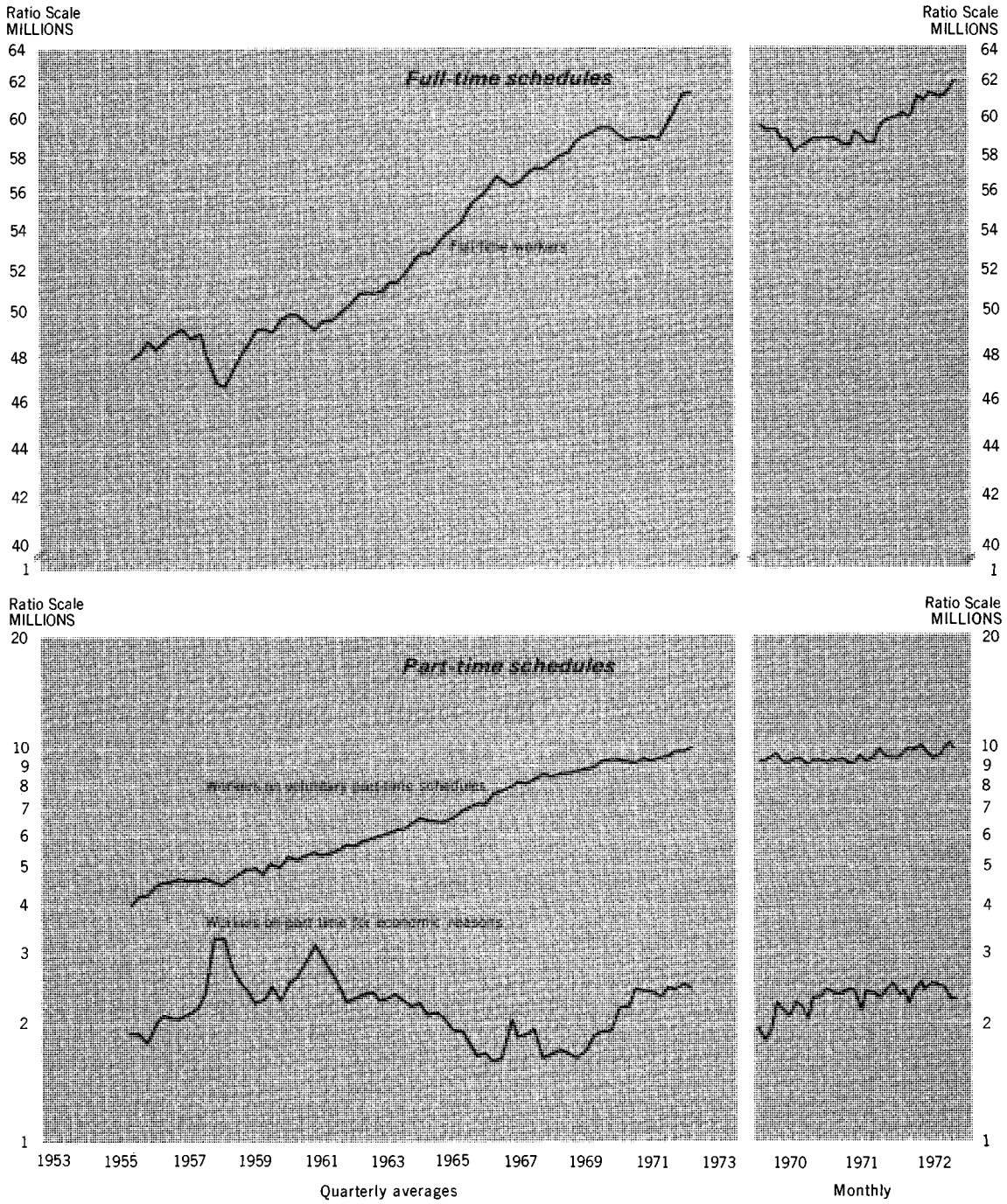
Source: Table B-5.

**Chart 5. Total employment by age and sex
1953 to date**
(Seasonally adjusted)



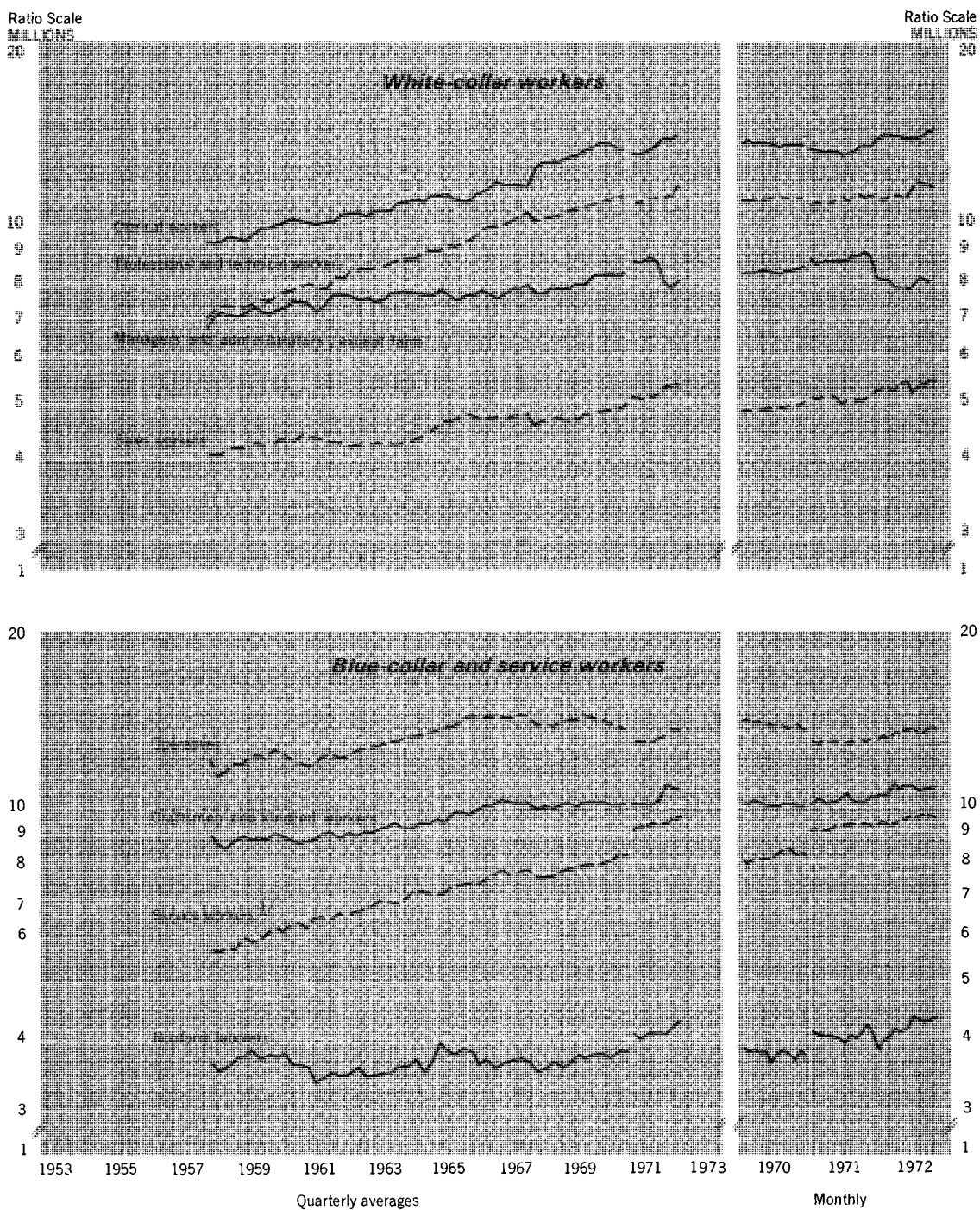
Source: Table A-29.

**Chart 6. Persons at work full and part time
in nonagricultural industries
1955 to date**
(Seasonally adjusted)



Source: Table A-29 and unpublished data.

**Chart 7. Employment in nonfarm occupations
1958 to date**
(Seasonally adjusted)



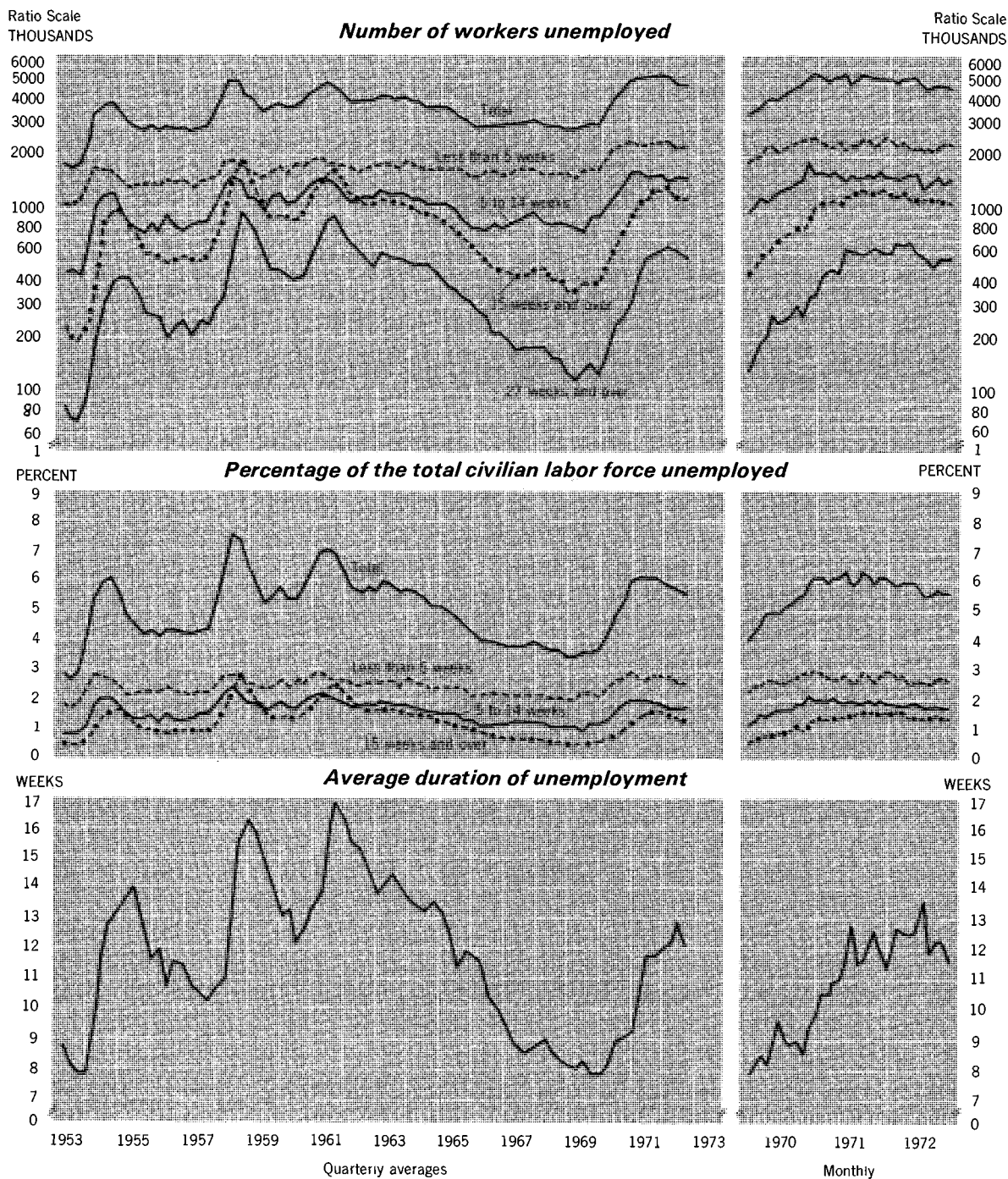
¹ Excludes private household workers.

Note: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month, creating a break in series.

Source: Table A-37.

Chart 8. Duration of unemployment 1953 to date

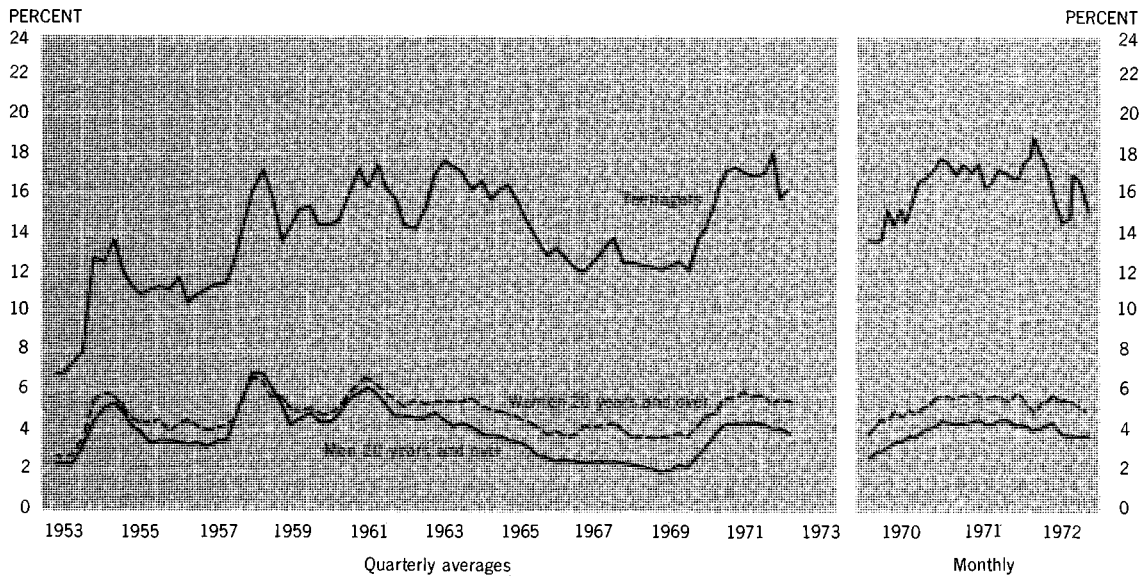
(Seasonally adjusted)



Source: Table A-32.

**Chart 9. Unemployment rates by age and sex
1953 to date**

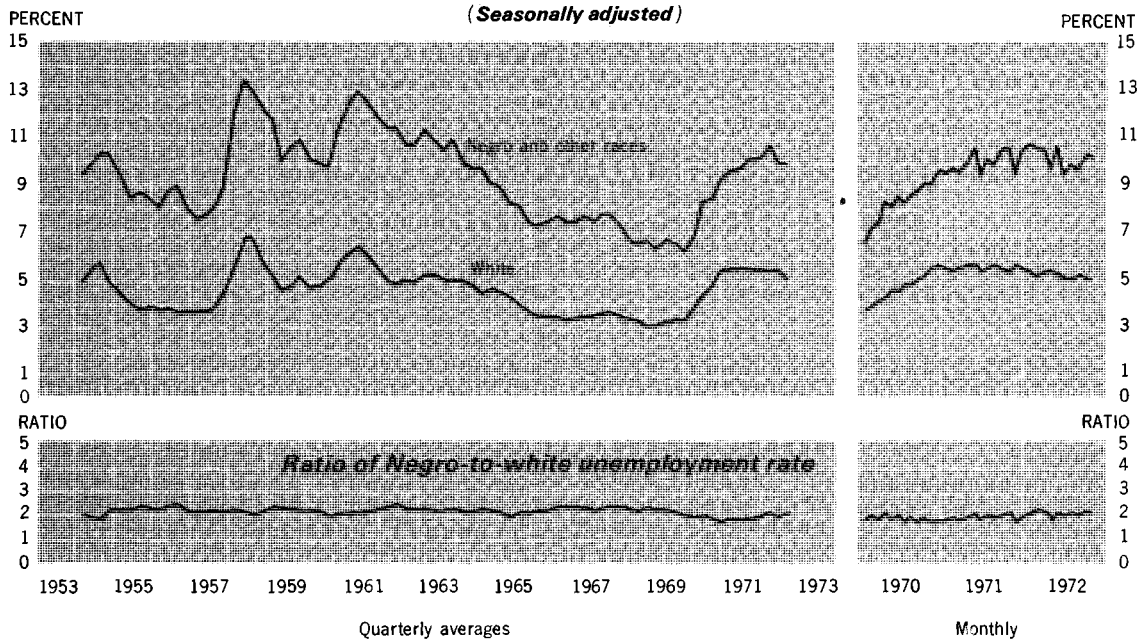
(Seasonally adjusted)



Source: Table A-33.

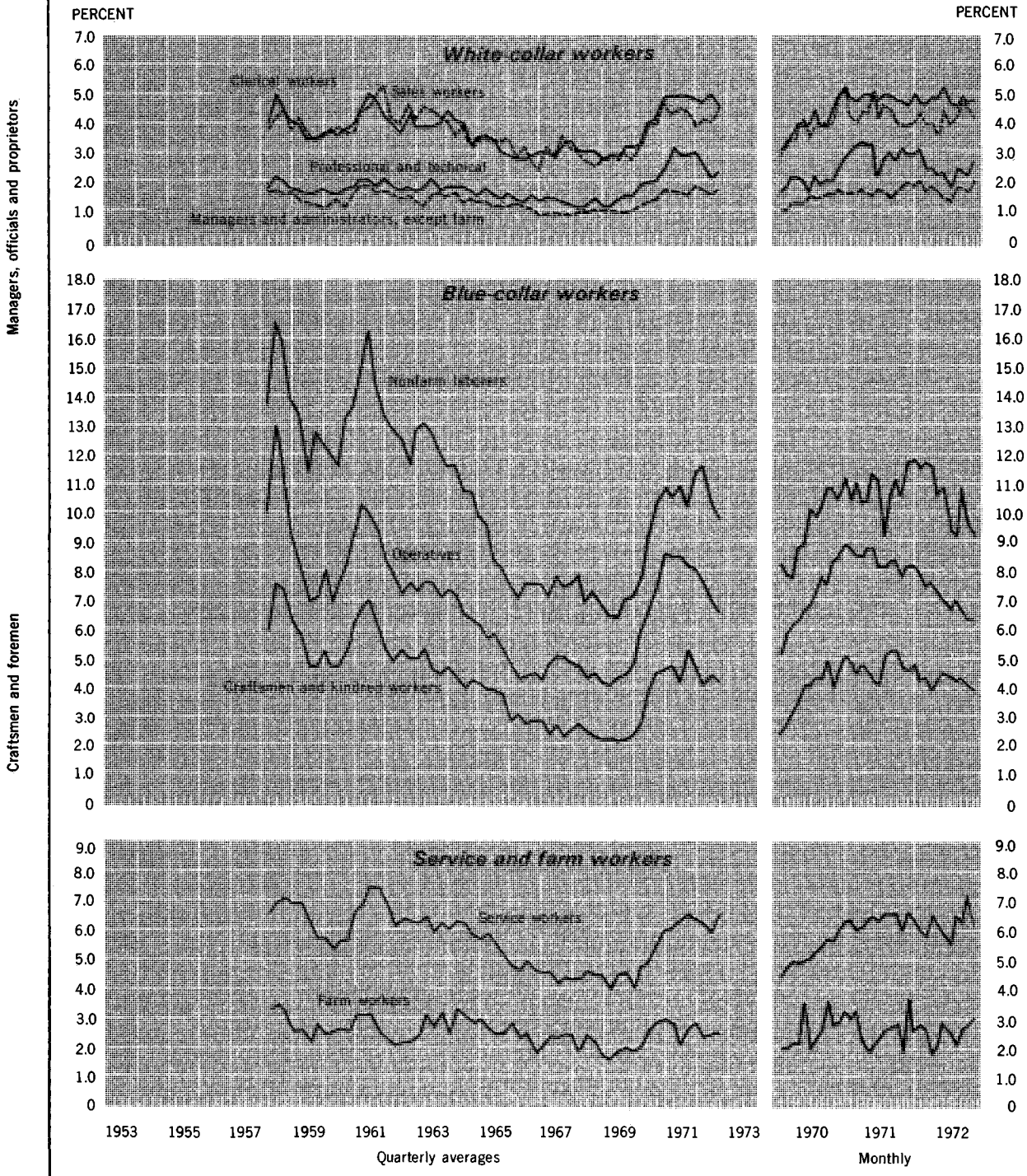
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1954 to date**

(Seasonally adjusted)



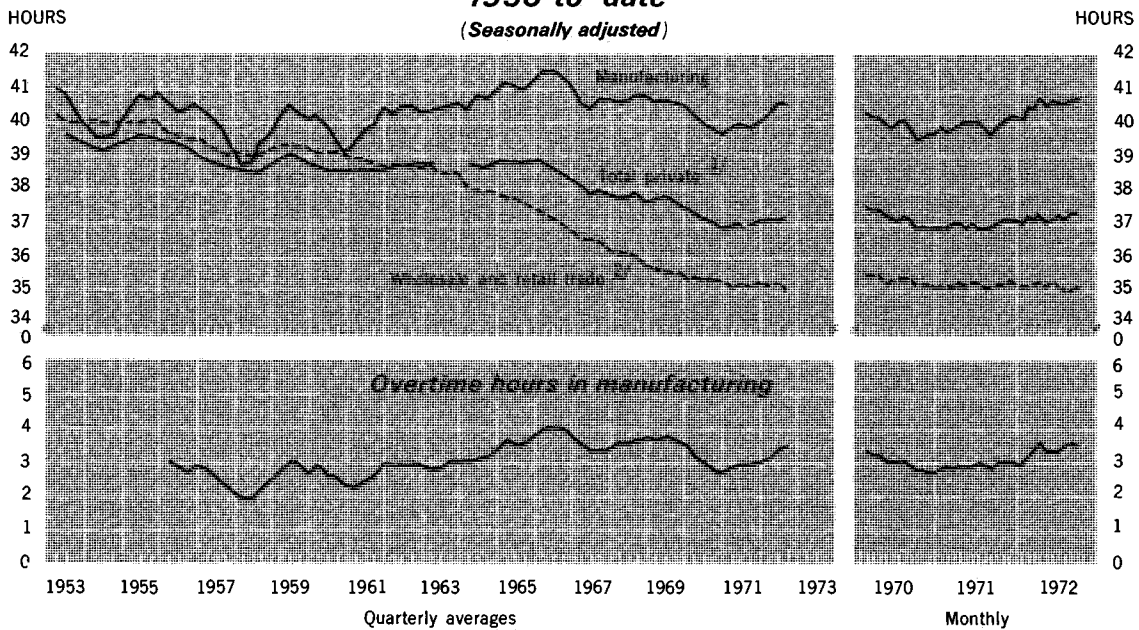
Source: Table A-31.

**Chart 11. Unemployment rates by occupation
1958 to date**
(Seasonally adjusted)



Source: Table A-33.

**Chart 12. Average weekly hours in private nonagricultural establishments, manufacturing and trade
1953 to date
(Seasonally adjusted)**



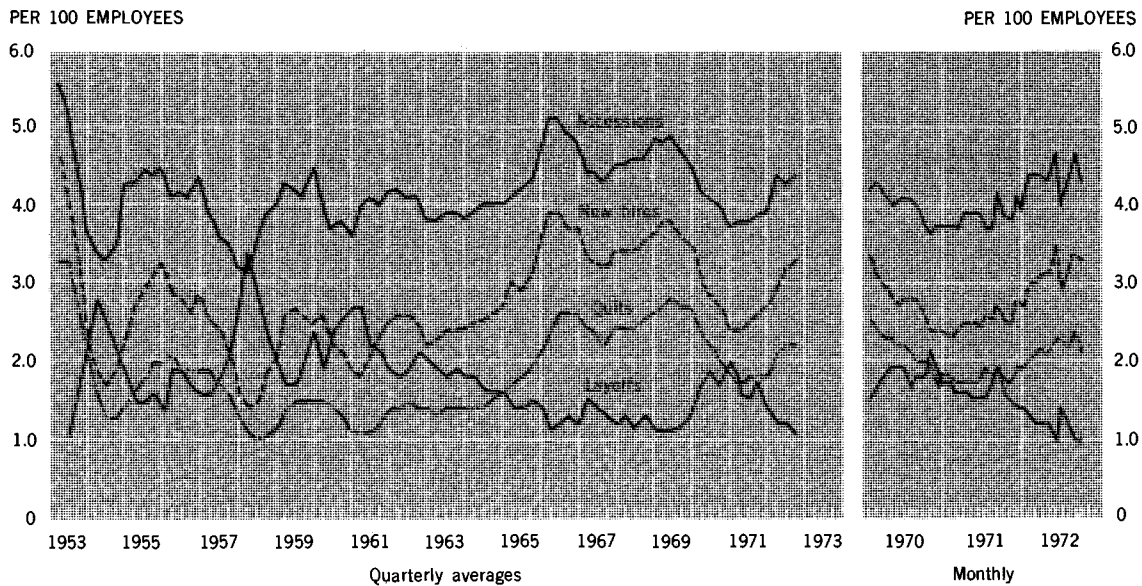
1/ Annual averages prior to 1964.

2/ Beginning in 1964, data include eating and drinking establishments, not previously available.

Note: Data for 2 most recent months are preliminary.

Source: Table C-7.

**Chart 13. Labor turnover rates in manufacturing
1953 to date
(Seasonally adjusted)**

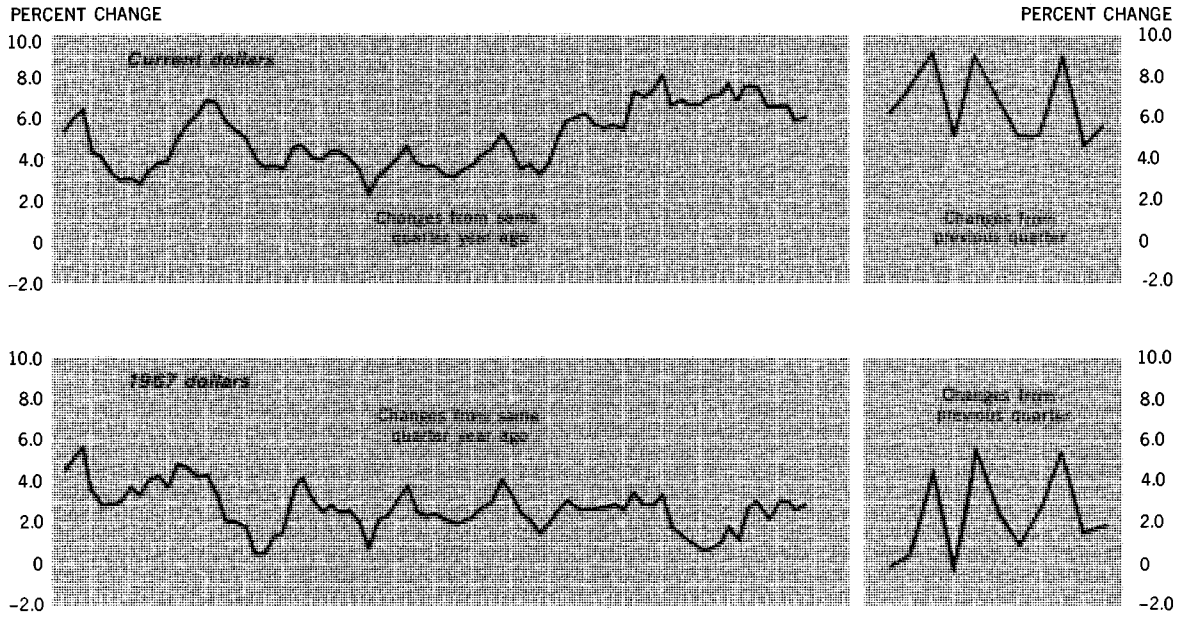


Note: Data for current month are preliminary.

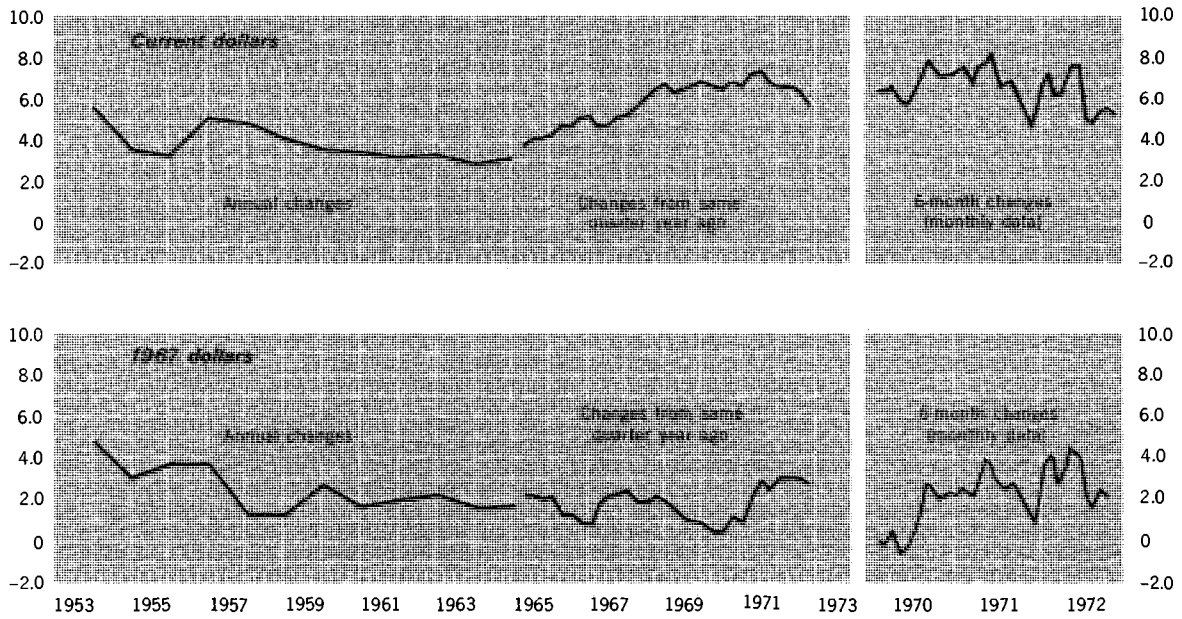
Source: Table: D-3.

**Chart 14. Major compensation trend indicators
in the private nonfarm economy
1953 to date**
(Seasonally adjusted, at annual rates)

Hourly compensation index, all employees



Hourly earnings index, production or nonsupervisory employees



Source: Tables C-12, C-13, and C-15.

Chart 15. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date

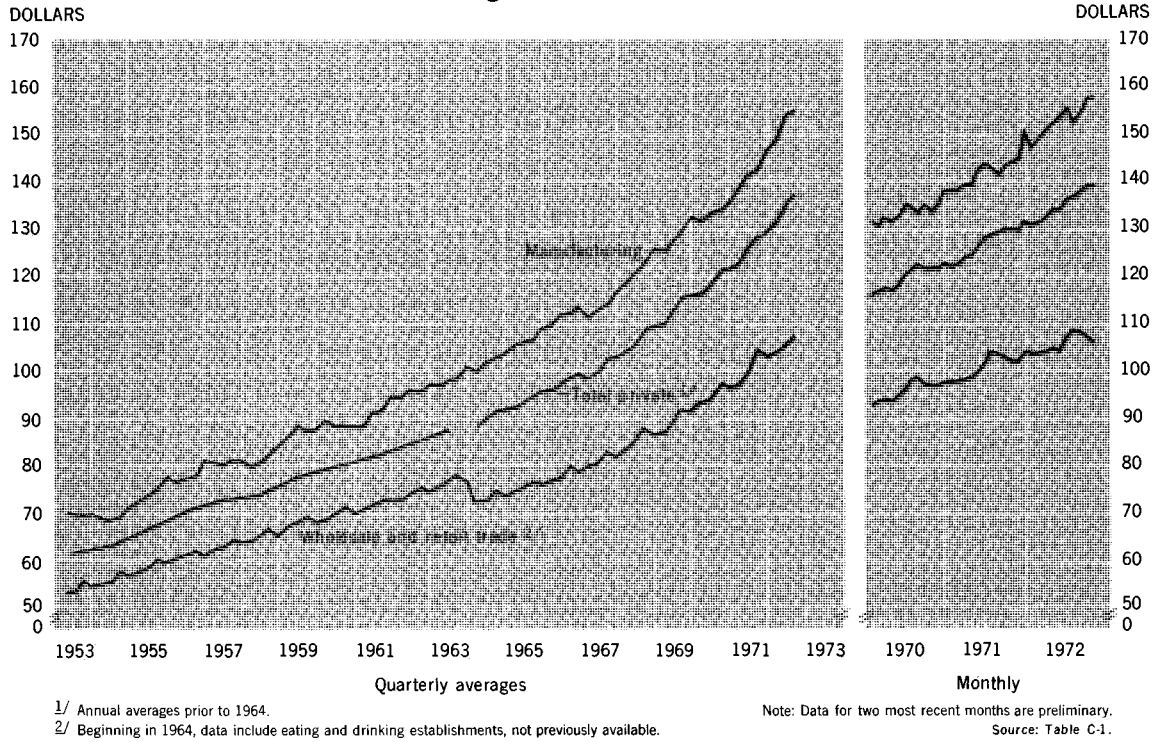
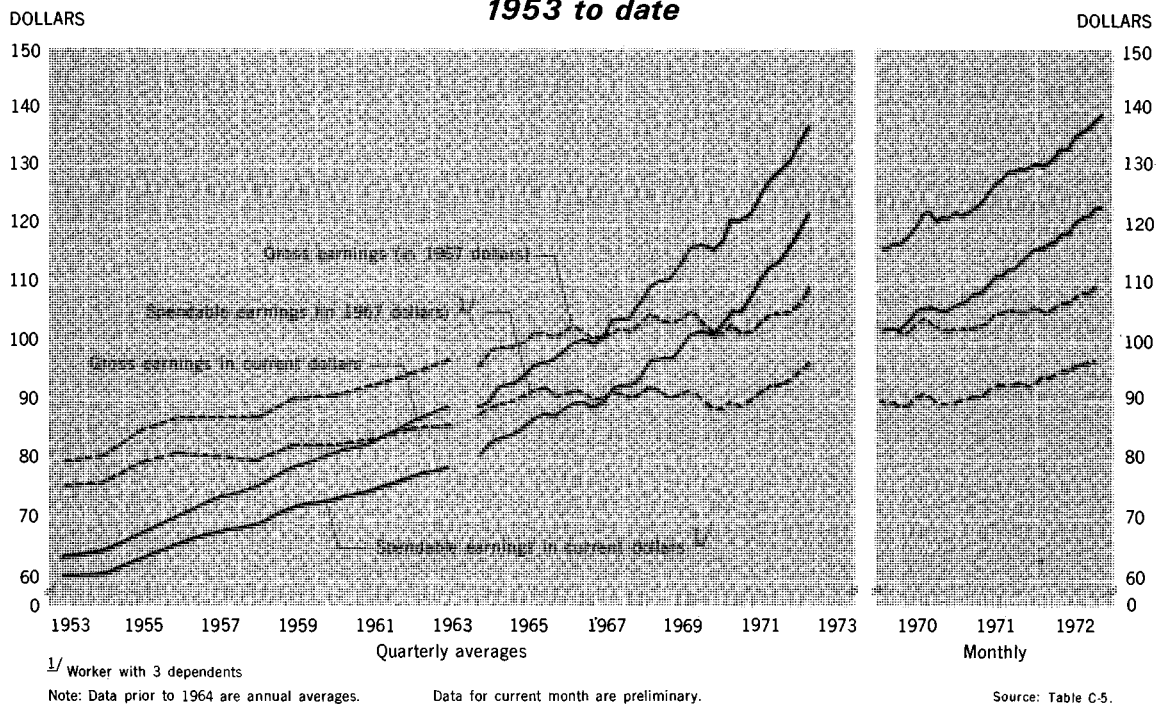


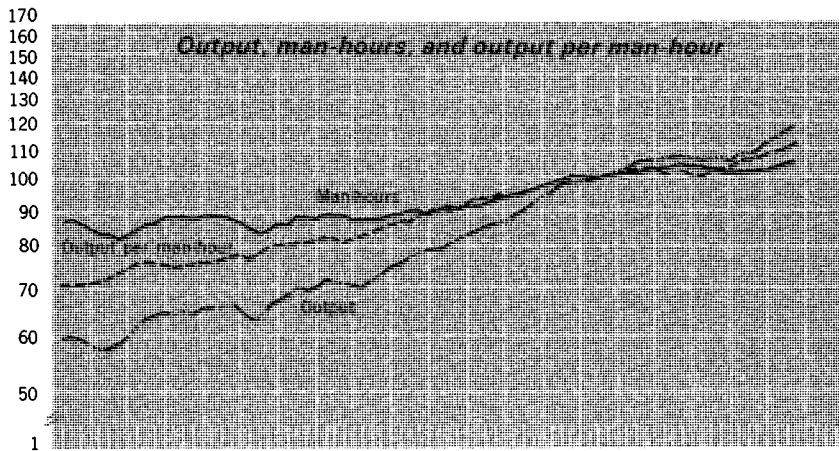
Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date



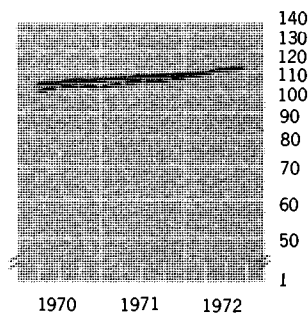
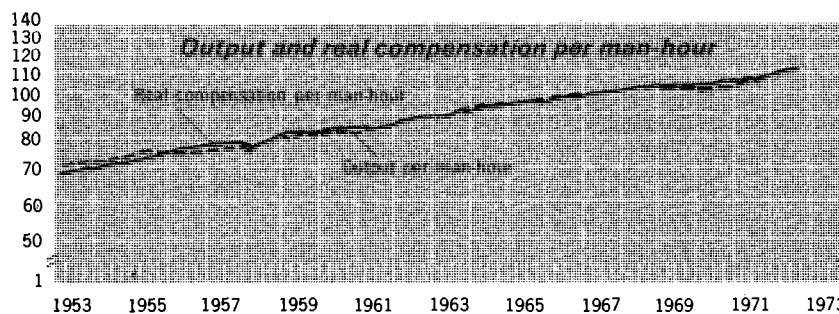
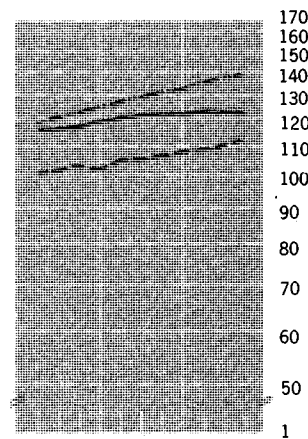
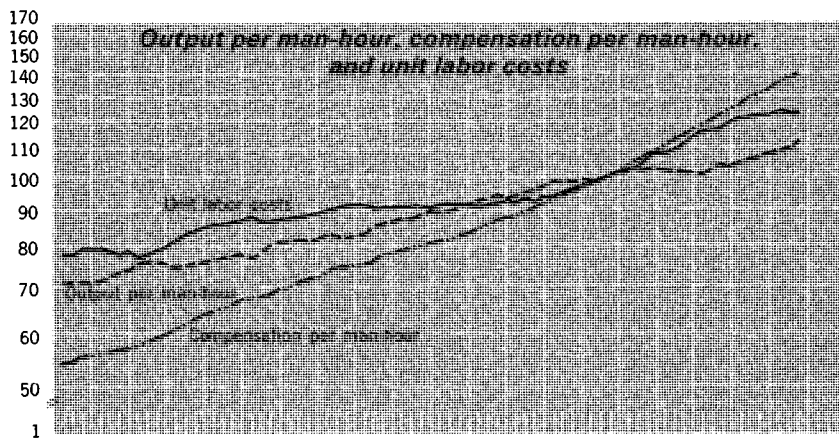
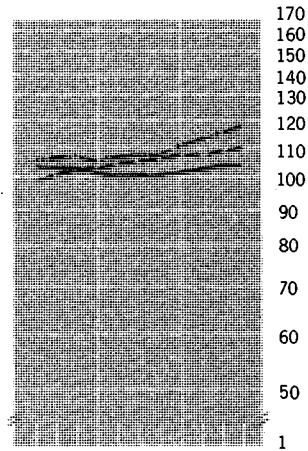
**Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy
1953 to date**

(Seasonally adjusted quarterly averages)

RATIO SCALE
INDEX (1967=100)



RATIO SCALE
INDEX (1967=100)



Source: Table C-10.

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¹ Included in February, May, August, and November issues.

A-1: Employment status of the noninstitutional population, 1929 to date

(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		
								Not seasonally adjusted	Seasonally adjusted		
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	55,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	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	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	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	68,915	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	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	-	55,666
1971 October.....	143,321	87,352	60.9	84,635	80,065	3,470	76,595	4,570	5.4	5.8	55,968
1971 December.....	143,723	87,541	60.9	84,883	80,188	2,948	77,240	4,695	5.5	6.0	56,181
1972 January.....	144,697	87,147	60.2	84,553	79,106	2,869	76,237	5,447	6.4	5.9	57,550
1972 February.....	144,895	87,318	60.3	84,778	79,366	2,909	76,458	5,412	6.4	5.7	57,577
1972 March.....	145,077	87,914	60.6	85,410	80,195	3,094	77,101	5,215	6.1	5.9	57,163
1972 April.....	145,227	87,787	60.4	85,324	80,627	3,287	77,339	4,697	5.5	5.9	57,440
1972 May.....	145,427	87,986	60.5	85,567	81,223	3,531	77,692	4,344	5.1	5.9	57,441
1972 June.....	145,639	90,448	62.1	88,055	82,629	3,976	78,653	5,426	6.2	5.5	55,191
1972 July.....	145,854	91,005	62.4	88,617	83,443	4,061	79,383	5,173	5.8	5.5	54,850
1972 August.....	146,069	90,758	62.1	88,362	83,505	4,031	79,475	4,857	5.5	5.6	55,311
1972 September.....	146,289	89,098	60.9	86,693	82,034	3,658	78,376	4,658	5.4	5.5	57,191
1972 October.....	146,498	89,591	61.2	87,176	82,707	3,721	78,986	4,470	5.1	5.5	56,907

¹ Not available.

NOTE: Figures for periods prior to January 1972 are not strictly comparable with current data because of the introduction of 1970 Census data into the estimation procedures. For example, the civilian labor force and employment totals were increased by more than 300,000 as a result of the census adjustment. For an explanation of the changes and an indication of the differences, see "Revisions in the Current Population Survey" in the February 1972 issue of *Employment and Earnings*.

A - 3: Employment status of the noninstitutional population by sex, age, and color
 October 1972
 (In thousands)

Sex, age, and color	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					
MALE											
16 years and over	55,656	79.3	53,286	51,059	2,227	4.2	14,544	199	4,659	1,718	7,968
16 to 21 years	7,506	63.6	6,657	5,842	815	12.2	4,301	19	3,942	39	301
16 to 19 years	4,559	56.6	4,211	3,628	584	13.9	3,493	11	3,252	28	202
16 and 17 years	1,815	44.1	1,776	1,477	299	16.8	2,298	5	2,202	6	85
18 and 19 years	2,744	69.7	2,435	2,150	285	11.7	1,195	6	1,050	22	117
20 to 64 years	49,013	91.1	46,991	45,431	1,559	3.3	4,800	96	1,404	1,149	2,150
20 to 24 years	7,759	85.2	6,731	6,189	542	8.1	1,348	15	1,095	47	191
25 to 54 years	34,084	95.2	33,092	32,278	814	2.5	1,729	51	307	620	753
25 to 29 years	7,124	95.4	6,748	6,513	235	3.5	346	5	190	59	93
30 to 34 years	5,882	96.6	5,641	5,518	123	2.2	207	9	66	59	72
35 to 39 years	5,237	96.8	5,017	4,902	115	2.3	171	4	23	62	81
40 to 44 years	5,389	96.2	5,283	5,170	113	2.1	215	5	12	78	121
45 to 49 years	5,420	94.6	5,387	5,284	103	1.9	310	16	11	148	135
50 to 54 years	5,031	91.3	5,016	4,890	126	2.5	480	12	4	213	250
55 to 64 years	7,170	80.6	7,167	6,964	203	2.8	1,722	30	3	483	1,206
55 to 59 years	4,180	87.5	4,177	4,077	100	2.4	600	9	3	216	371
60 to 64 years	2,990	72.7	2,990	2,887	103	3.4	1,123	21	--	267	835
65 years and over	2,084	25.0	2,084	2,000	84	4.0	6,251	92	3	541	5,616
65 to 69 years	1,222	38.5	1,222	1,160	62	5.1	1,953	28	1	174	1,751
70 years and over	863	16.7	863	841	22	2.6	4,298	64	2	367	3,865
White											
16 years and over	50,015	79.9	47,945	46,105	1,839	3.8	12,594	164	3,904	1,382	7,145
16 to 21 years	6,644	65.1	5,910	5,258	651	11.0	3,562	18	3,270	32	243
16 to 19 years	4,081	58.8	3,780	3,319	461	12.2	2,855	11	2,659	21	164
16 and 17 years	1,666	47.2	1,632	1,387	245	15.0	1,866	7	1,778	4	77
18 and 19 years	2,414	70.9	2,148	1,932	216	10.1	990	5	881	17	88
20 to 64 years	44,036	91.5	42,266	40,956	1,311	3.1	4,070	80	1,242	919	1,829
20 to 24 years	6,810	85.4	5,908	5,448	459	7.8	1,165	11	971	35	148
25 to 54 years	30,647	95.6	29,783	29,111	672	2.3	1,395	40	269	480	607
25 to 29 years	11,632	96.2	11,096	10,810	286	2.6	463	11	226	97	130
30 to 34 years	9,522	97.1	9,238	9,046	192	2.1	286	5	28	94	159
35 to 44 years	9,493	93.6	9,448	9,255	193	2.0	647	24	15	290	318
55 to 64 years	6,579	81.3	6,576	6,397	180	2.7	1,511	29	3	404	1,074
55 to 59 years	3,840	88.1	3,837	3,748	89	2.3	517	7	3	174	332
60 to 64 years	2,740	73.4	2,739	2,649	91	3.3	994	22	--	230	742
65 years and over	1,898	25.1	1,898	1,830	67	3.6	5,668	72	3	442	5,151
Negro and other races											
16 years and over	5,641	74.3	5,341	4,954	387	7.3	1,951	35	756	336	823
16 to 21 years	862	53.8	747	584	164	21.9	738	1	673	7	58
16 to 19 years	479	42.9	431	309	122	28.4	638	--	593	7	38
16 and 17 years	148	25.6	144	90	54	37.4	432	--	424	1	8
18 and 19 years	330	61.6	287	219	69	23.9	205	1	169	5	30
20 to 64 years	4,975	87.2	4,723	4,475	248	5.3	730	16	162	231	322
20 to 24 years	948	83.8	824	741	82	10.0	183	4	124	12	43
25 to 54 years	3,437	91.1	3,309	3,166	143	4.2	334	11	38	139	146
25 to 29 years	1,374	93.8	1,293	1,221	72	5.6	91	3	30	21	36
30 to 34 years	1,104	91.6	1,062	1,027	35	3.3	101	4	7	47	43
35 to 44 years	958	87.0	954	918	36	3.8	143	3	1	71	67
55 to 64 years	591	73.6	591	568	23	3.9	211	1	--	79	132
55 to 59 years	340	80.4	340	330	11	3.1	83	2	--	42	39
60 to 64 years	250	66.0	250	238	12	4.9	129	--	--	37	93
65 years and over	187	24.3	187	170	17	8.9	583	20	--	99	464

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
October 1972
(In thousands)

Sex, age, and color	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					
FEMALE											
16 years and over	33,936	44.5	33,891	31,648	2,243	6.6	42,363	35,097	4,324	931	2,010
16 to 21 years	5,704	49.4	5,683	4,860	823	14.5	5,843	1,662	3,939	21	220
16 to 19 years	3,467	44.3	3,458	2,895	563	16.3	4,365	795	3,390	16	164
16 and 17 years	1,403	35.2	1,403	1,151	253	18.0	2,588	196	2,305	8	79
18 and 19 years	2,064	53.7	2,055	1,745	310	15.1	1,777	599	1,085	8	85
20 to 64 years	29,330	51.7	29,294	27,660	1,633	5.6	27,436	25,251	925	359	900
20 to 24 years	5,503	60.8	5,479	4,945	534	9.8	3,554	2,716	710	17	112
25 to 54 years	19,602	52.1	19,589	18,615	974	5.0	18,044	17,175	207	196	464
25 to 29 years	3,876	50.9	3,870	3,627	244	6.3	3,738	3,564	81	18	75
30 to 34 years	2,983	47.5	2,981	2,785	196	6.6	3,303	3,155	50	17	80
35 to 39 years	2,902	51.3	2,901	2,733	168	5.8	2,754	2,634	38	33	49
40 to 44 years	3,219	54.5	3,218	3,078	140	4.4	2,693	2,573	20	25	75
45 to 49 years	3,440	55.7	3,439	3,310	130	3.8	2,739	2,609	14	39	77
50 to 54 years	3,181	53.0	3,181	3,083	98	3.1	2,817	2,640	5	64	108
55 to 64 years	4,225	42.0	4,225	4,100	124	2.9	5,838	5,360	9	146	323
55 to 59 years	2,567	48.4	2,567	2,483	84	3.3	2,734	2,539	5	70	121
60 to 64 years	1,658	34.8	1,658	1,617	41	2.5	3,104	2,821	4	76	202
65 years and over	1,139	9.7	1,139	1,092	47	4.1	10,562	9,051	9	556	947
65 to 69 years	678	17.2	678	645	33	4.9	3,270	2,967	5	63	235
70 years and over	460	5.9	460	447	14	2.9	7,291	6,084	4	492	712
White											
16 years and over	29,636	43.9	29,596	27,863	1,733	5.9	37,858	31,809	3,556	736	1,757
16 to 21 years	5,071	51.2	5,053	4,454	599	11.9	4,832	1,405	3,252	16	160
16 to 19 years	3,132	46.8	3,125	2,695	430	13.8	3,566	669	2,769	10	118
16 and 17 years	1,294	38.0	1,293	1,088	205	15.9	2,110	166	1,878	5	62
18 and 19 years	1,839	55.8	1,831	1,606	225	12.3	1,456	503	891	5	57
20 to 64 years	25,493	50.9	25,462	24,204	1,258	4.9	24,594	22,756	781	270	786
20 to 24 years	4,781	61.0	4,761	4,370	390	8.2	3,057	2,352	599	14	92
25 to 54 years	16,902	51.0	16,890	16,127	762	4.5	16,224	15,506	173	146	398
25 to 29 years	5,787	47.6	5,780	5,459	321	5.6	6,369	6,103	111	25	130
30 to 34 years	5,218	51.7	5,215	4,968	247	4.7	4,874	4,683	45	44	102
35 to 44 years	5,896	54.2	5,895	5,701	194	3.3	4,981	4,721	18	77	165
55 to 64 years	3,811	41.8	3,810	3,705	105	2.8	5,313	4,897	9	111	296
55 to 59 years	2,320	48.3	2,320	2,252	69	3.0	2,484	2,319	5	54	106
60 to 64 years	1,490	34.5	1,490	1,453	37	2.5	2,829	2,578	4	57	190
65 years and over	1,010	9.4	1,010	965	45	4.5	9,698	8,384	6	456	852
Negro and other races											
16 years and over	4,300	48.8	4,294	3,784	510	11.9	4,505	3,288	769	195	254
16 to 21 years	633	38.5	630	406	225	35.6	1,011	257	688	5	60
16 to 19 years	335	29.5	333	201	133	39.8	799	126	621	6	46
16 and 17 years	110	18.7	110	62	47	43.2	477	31	427	3	17
18 and 19 years	225	41.2	224	138	85	38.2	322	96	194	3	29
20 to 64 years	3,837	57.4	3,833	3,457	376	9.8	2,843	2,496	145	89	113
20 to 24 years	722	59.2	718	575	144	20.0	498	363	111	3	20
25 to 54 years	2,701	59.7	2,700	2,488	212	7.9	1,820	1,669	34	52	67
25 to 34 years	1,072	61.5	1,071	954	118	11.0	672	616	20	11	26
35 to 44 years	904	61.2	904	842	61	6.8	573	524	13	14	22
45 to 54 years	725	55.7	725	691	33	4.6	576	529	1	26	19
55 to 64 years	414	44.1	414	395	19	4.6	525	463	—	35	27
55 to 59 years	246	49.6	246	231	15	6.1	250	220	—	15	14
60 to 64 years	168	38.0	168	164	4	2.5	275	243	—	19	12
65 years and over	128	12.9	128	127	1	1.2	863	666	2	100	95

NOTE: See notes, table A-1, regarding the introduction of 1970 census population controls.

A - 4: Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
MALE								
16 years and over	55,656	54,604	79.3	79.3	53,286	51,926	78.6	78.5
16 to 19 years	4,559	4,250	56.6	54.5	4,211	3,923	54.7	52.5
16 and 17 years	1,815	1,731	44.1	43.3	1,776	1,702	43.6	42.9
18 and 19 years	2,744	2,519	69.7	66.3	2,435	2,221	67.1	63.4
20 to 24 years	7,759	7,560	85.2	84.6	6,731	6,215	83.3	81.9
25 to 54 years	34,084	33,553	95.2	95.4	33,092	32,550	95.0	95.3
25 to 34 years	13,006	12,396	95.9	95.9	12,389	11,795	95.7	95.7
35 to 44 years	10,626	10,676	96.5	96.9	10,300	10,332	96.4	96.8
45 to 54 years	10,452	10,481	93.0	93.4	10,403	10,422	92.9	93.4
55 to 64 years	7,170	7,127	80.6	81.6	7,167	7,123	80.6	81.6
55 to 59 years	4,180	4,216	87.5	88.3	4,177	4,213	87.4	88.3
60 to 64 years	2,990	2,911	72.7	73.5	2,990	2,910	72.7	73.5
65 years and over	2,084	2,114	25.0	25.7	2,084	2,114	25.0	25.7
White								
16 years and over	50,015	49,049	79.9	79.7	47,945	46,673	79.2	78.9
16 to 19 years	4,081	3,789	58.8	56.2	3,780	3,498	57.0	54.2
16 and 17 years	1,666	1,585	47.2	46.0	1,632	1,560	46.7	45.6
18 and 19 years	2,414	2,204	70.9	66.8	2,148	1,939	68.5	63.9
20 to 24 years	6,810	6,644	85.4	84.9	5,908	5,440	83.5	82.2
25 to 54 years	30,647	30,155	95.6	95.9	29,783	29,276	95.5	95.8
25 to 34 years	11,632	11,032	96.2	96.2	11,096	10,506	96.0	96.0
35 to 44 years	9,522	9,584	97.1	97.3	9,238	9,285	97.0	97.3
45 to 54 years	9,493	9,539	93.6	94.1	9,448	9,486	93.6	94.0
55 to 64 years	6,579	6,508	81.3	81.8	6,576	6,505	81.3	81.8
55 to 59 years	3,840	3,834	88.1	88.4	3,837	3,831	88.1	88.4
60 to 64 years	2,740	2,674	73.4	74.0	2,739	2,673	73.4	74.0
65 years and over	1,898	1,954	25.1	26.0	1,898	1,954	25.1	26.0
Negro and other races								
16 years and over	5,641	5,555	74.3	75.6	5,341	5,253	73.2	74.6
16 to 19 years	479	461	42.9	44.0	431	425	40.3	41.9
16 and 17 years	148	145	25.6	26.6	144	143	25.0	26.2
18 and 19 years	330	316	61.6	62.9	287	282	58.3	60.2
20 to 24 years	948	916	83.8	82.4	824	775	81.8	79.8
25 to 54 years	3,437	3,398	91.1	91.7	3,309	3,274	88.8	91.4
25 to 34 years	1,374	1,364	93.8	93.6	1,293	1,289	93.4	93.3
35 to 44 years	1,104	1,093	91.6	93.1	1,062	1,047	91.3	92.9
45 to 54 years	958	941	87.0	87.5	954	937	87.0	87.5
55 to 64 years	591	619	73.6	79.4	591	619	73.6	79.4
55 to 59 years	340	382	80.4	88.0	340	382	80.4	88.0
60 to 64 years	250	237	66.0	68.7	250	237	66.0	68.7
65 years and over	187	161	24.3	23.0	187	161	24.3	23.0

NOTE: See note, Table A-1, regarding the introduction of 1970 census population controls.

A- 4: Labor force by sex, age, and color--Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
FEMALE								
16 years and over	33,936	32,749	44.5	44.0	33,891	32,709	44.4	43.9
16 to 19 years	3,467	3,178	44.3	41.6	3,458	3,169	44.2	41.5
16 and 17 years	1,403	1,280	35.2	32.8	1,403	1,280	35.2	32.8
18 and 19 years	2,064	1,899	53.7	50.8	2,055	1,890	53.6	50.7
20 to 24 years	5,503	5,208	60.8	58.7	5,479	5,189	60.7	58.6
25 to 54 years	19,602	18,996	52.1	51.5	19,589	18,984	52.0	51.5
25 to 34 years	6,860	6,229	49.3	47.2	6,851	6,223	49.3	47.2
35 to 44 years	6,122	6,046	52.9	52.5	6,119	6,042	52.9	52.5
45 to 54 years	6,621	6,721	54.4	55.4	6,620	6,719	54.4	55.4
55 to 64 years	4,225	4,300	42.0	43.6	4,225	4,300	42.0	43.6
55 to 59 years	2,567	2,628	48.4	49.6	2,567	2,628	48.4	49.6
60 to 64 years	1,658	1,671	34.8	36.5	1,658	1,671	34.8	36.5
65 years and over	1,139	1,067	9.7	9.5	1,139	1,067	9.7	9.5
White								
16 years and over	29,636	28,553	43.9	43.2	29,596	28,518	43.9	43.2
16 to 19 years	3,132	2,863	46.8	43.6	3,125	2,856	46.7	43.6
16 and 17 years	1,294	1,179	38.0	35.3	1,293	1,179	38.0	35.3
18 and 19 years	1,839	1,684	55.8	52.4	1,831	1,677	55.7	52.2
20 to 24 years	4,781	4,544	61.0	59.1	4,761	4,527	60.9	59.0
25 to 54 years	16,902	16,346	51.0	50.3	16,890	16,335	51.0	50.3
25 to 34 years	5,787	5,229	47.6	45.3	5,780	5,223	47.6	45.2
35 to 44 years	5,218	5,162	51.7	51.2	5,215	5,159	51.7	51.1
45 to 54 years	5,896	5,955	54.2	54.8	5,895	5,953	54.2	54.8
55 to 64 years	3,811	3,849	41.8	43.0	3,810	3,849	41.8	43.0
55 to 59 years	2,320	2,347	48.3	49.1	2,320	2,347	48.3	49.1
60 to 64 years	1,490	1,502	34.5	36.0	1,490	1,502	34.5	36.0
65 years and over	1,010	951	9.4	9.2	1,010	951	9.4	9.2
Negro and other races								
16 years and over	4,300	4,196	48.8	49.8	4,294	4,191	48.8	49.8
16 to 19 years	335	315	29.5	29.2	333	314	29.4	29.1
16 and 17 years	110	101	18.7	18.0	110	101	18.7	18.0
18 and 19 years	225	215	41.2	41.2	224	213	41.0	41.1
20 to 24 years	722	664	59.2	56.3	718	661	59.1	56.2
25 to 54 years	2,701	2,649	59.7	60.8	2,700	2,648	59.7	60.8
25 to 34 years	1,072	1,000	61.5	60.5	1,071	999	61.4	60.5
35 to 44 years	904	884	61.2	61.9	904	883	61.2	61.9
45 to 54 years	725	766	55.7	59.9	725	766	55.7	59.9
55 to 64 years	414	451	44.1	49.1	414	451	44.1	49.1
55 to 59 years	246	282	49.6	54.9	246	282	49.6	54.9
60 to 64 years	168	169	38.0	41.8	168	169	38.0	41.8
65 years and over	128	116	12.9	13.1	128	116	12.9	13.1

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex

October 1972
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	23,353	11,806	11,547	20,109	10,206	9,903	3,244	1,600	1,644
Total labor force	13,210	7,506	5,704	11,715	6,644	5,071	1,495	862	633
Percent of population	56.6	63.6	49.4	58.3	65.1	51.2	46.1	53.8	38.5
Civilian labor force	12,340	6,657	5,683	10,963	5,910	5,053	1,378	747	630
Employed	10,702	5,842	4,860	9,712	5,258	4,454	989	584	406
Agriculture	525	422	103	479	379	100	46	42	3
Nonagricultural industries	10,177	5,420	4,756	9,233	4,879	4,354	944	541	402
Unemployed	1,639	815	823	1,250	651	599	388	164	225
Percent of labor force	13.3	12.2	14.5	11.4	11.0	11.9	28.2	21.9	35.6
Looking for full-time work	893	437	456	652	340	312	241	97	143
Looking for part-time work	746	378	368	598	312	286	148	66	81
Not in labor force	10,143	4,301	5,843	8,394	3,562	4,832	1,749	738	1,011
Major activity: going to school									
Civilian labor force	3,718	2,071	1,647	3,420	1,908	1,512	298	163	135
Employed	3,005	1,693	1,312	2,861	1,604	1,257	145	89	56
Agriculture	195	163	32	186	156	30	9	7	2
Nonagricultural industries	2,810	1,530	1,281	2,675	1,448	1,227	135	82	54
Unemployed	713	378	335	559	304	255	153	73	80
Percent of labor force	19.2	18.2	20.3	16.4	15.9	16.9	51.4	45.1	58.9
Looking for full-time work	47	18	29	19	9	11	27	10	18
Looking for part-time work	666	360	306	540	296	245	126	64	62
Not in labor force	7,882	3,942	3,939	6,521	3,270	3,252	1,361	673	688
Major activity: other									
Civilian labor force	8,622	4,587	4,036	7,542	4,002	3,541	1,080	585	495
Employed	7,696	4,149	3,547	6,852	3,654	3,197	845	495	350
Agriculture	330	258	71	293	223	70	36	35	1
Nonagricultural industries	7,367	3,891	3,476	6,558	3,431	3,127	808	460	349
Unemployed	926	437	489	691	347	344	235	90	145
Percent of labor force	10.7	9.5	12.1	9.2	8.7	9.7	21.8	15.4	29.3
Looking for full-time work	846	419	427	633	331	302	213	88	125
Looking for part-time work	80	19	61	58	16	42	22	2	20
Not in labor force	2,262	359	1,903	1,873	293	1,580	389	66	323

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color

(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
	Total							
Total noninstitutional population	146,498	143,321	62,148	61,052	68,466	66,832	15,884	15,437
Total labor force	89,591	87,352	51,097	50,354	30,469	29,570	8,026	7,428
Percent of population	61.2	60.9	82.2	82.5	44.5	44.2	50.5	48.1
Civilian labor force	87,176	84,635	49,075	48,003	30,433	29,540	7,669	7,093
Employed	82,707	80,065	47,431	46,247	28,752	27,886	6,523	5,932
Agriculture	3,721	3,470	2,703	2,531	645	595	373	344
Nonagricultural industries	78,986	76,595	44,729	43,717	28,108	27,291	6,150	5,588
Unemployed	4,470	4,570	1,643	1,755	1,680	1,654	1,146	1,161
Percent of labor force	5.1	5.4	3.3	3.7	5.5	5.6	14.9	16.4
Not in labor force	56,907	55,968	11,051	10,698	37,998	37,262	7,858	8,009
White								
Total noninstitutional population	130,102	127,555	55,672	54,757	60,795	59,491	13,634	13,308
Total labor force	79,651	77,601	45,934	45,260	26,503	25,689	7,213	6,652
Percent of population	61.2	60.8	82.5	82.7	43.6	43.2	52.9	50.0
Civilian labor force	77,541	75,191	44,164	43,175	26,472	25,662	6,905	6,354
Employed	73,969	71,516	42,786	41,758	25,169	24,335	6,014	5,423
Agriculture	3,440	3,153	2,482	2,305	615	548	343	300
Nonagricultural industries	70,529	68,364	40,305	39,453	24,554	23,787	5,671	5,123
Unemployed	3,573	3,674	1,378	1,417	1,303	1,327	891	931
Percent of labor force	4.6	4.9	3.1	3.3	4.9	5.2	12.9	14.7
Not in labor force	50,451	49,954	9,738	9,497	34,292	33,802	6,421	6,656
Negro and other races								
Total noninstitutional population	16,396	15,765	6,475	6,295	7,671	7,341	2,249	2,129
Total labor force	9,941	9,751	5,162	5,094	3,965	3,881	813	776
Percent of population	60.6	61.9	79.7	80.9	51.7	52.9	36.2	36.5
Civilian labor force	9,635	9,444	4,910	4,828	3,961	3,878	764	738
Employed	8,738	8,548	4,645	4,489	3,584	3,551	509	509
Agriculture	281	317	221	226	30	47	30	45
Nonagricultural industries	8,457	8,231	4,424	4,263	3,554	3,503	479	464
Unemployed	897	895	265	339	377	327	255	230
Percent of labor force	9.3	9.5	5.4	7.0	9.5	8.4	33.4	31.1
Not in labor force	6,456	6,014	1,313	1,201	3,706	3,460	1,436	1,353

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-7: Full- and part-time status of the civilian labor force by color, sex, and age

October 1972
(Numbers in thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	73,885	68,365	2,287	3,233	4.4	13,292	12,054	1,237	9.3
16 to 21 years	7,418	6,018	508	893	12.0	4,922	4,176	746	15.2
16 to 19 years	3,663	2,823	340	501	13.7	4,007	3,361	646	16.1
16 to 17 years	658	411	107	140	21.2	2,521	2,110	412	16.3
18 to 19 years	3,005	2,411	233	361	12.0	1,485	1,251	234	15.8
20 years and over	70,222	65,543	1,947	2,732	3.9	9,285	8,694	591	6.4
20 to 24 years	10,480	9,213	367	900	8.6	1,731	1,555	177	10.2
25 years and over	59,742	56,329	1,581	1,832	3.1	7,554	7,139	415	5.5
25 to 54 years	47,767	45,114	1,154	1,499	3.1	4,914	4,623	290	5.9
55 years and over	11,975	11,215	427	333	2.8	2,640	2,516	124	4.7
Males, 16 years and over	48,583	45,790	1,074	1,719	3.5	4,702	4,195	508	10.8
16 to 21 years	4,067	3,390	240	437	10.7	2,590	2,212	378	14.6
16 to 19 years	2,057	1,641	163	253	12.3	2,154	1,823	331	15.4
20 years and over	46,527	44,149	911	1,466	3.2	2,548	2,371	177	6.9
20 to 24 years	5,927	5,293	182	452	7.6	805	714	90	11.2
25 years and over	40,599	38,855	729	1,015	2.5	1,743	1,656	87	5.0
25 to 54 years	32,501	31,222	502	777	2.4	590	552	38	6.4
55 years and over	8,098	7,633	227	238	2.9	1,153	1,104	49	4.2
Females, 16 years and over	25,301	22,575	1,213	1,514	6.0	8,589	7,860	729	8.5
16 to 21 years	3,351	2,628	268	456	13.6	2,332	1,964	368	15.8
16 to 19 years	1,606	1,181	177	248	15.4	1,852	1,537	315	17.0
20 years and over	23,695	21,394	1,036	1,266	5.3	6,737	6,323	415	6.2
20 to 24 years	4,553	3,920	185	448	9.8	926	840	86	9.3
25 years and over	19,143	17,473	851	817	4.3	5,810	5,483	328	5.6
25 to 54 years	15,266	13,892	652	722	4.7	4,323	4,071	252	5.8
55 years and over	3,877	3,581	200	95	2.5	1,487	1,412	75	5.0
WHITE									
Males, 16 years and over	43,669	41,424	838	1,407	3.2	4,276	3,844	433	10.1
16 to 21 years	3,526	2,990	196	340	9.6	2,384	2,072	312	13.1
16 to 19 years	1,792	1,462	137	193	10.8	1,989	1,720	269	13.5
20 years and over	41,877	39,962	701	1,214	2.9	2,288	2,124	164	7.2
20 to 24 years	5,173	4,659	141	373	7.2	735	648	87	11.8
25 years and over	36,704	35,303	560	841	2.3	1,553	1,475	77	5.0
25 to 54 years	29,259	28,241	381	637	2.2	524	489	34	6.5
55 years and over	7,445	7,062	179	204	2.7	1,029	986	43	4.2
Females, 16 years and over	21,823	19,747	954	1,122	5.1	7,773	7,163	611	7.9
16 to 21 years	2,905	2,360	233	312	10.8	2,148	1,861	286	13.3
16 to 19 years	1,422	1,077	160	185	13.0	1,703	1,458	245	14.4
20 years and over	20,401	18,670	794	937	4.6	6,070	5,705	366	6.0
20 to 24 years	3,913	3,442	154	317	8.1	848	774	74	8.7
25 years and over	16,488	15,228	640	621	3.8	5,222	4,930	292	5.6
25 to 54 years	12,952	11,927	488	539	4.2	3,938	3,714	224	5.7
55 years and over	3,536	3,302	152	82	2.3	1,284	1,216	68	5.3
NEGRO AND OTHER RACES									
Males, 16 years and over	4,915	4,367	236	312	6.4	426	351	75	17.6
16 to 21 years	541	400	44	97	18.0	206	140	66	32.1
16 to 19 years	265	179	26	60	22.6	166	103	62	37.6
20 years and over	4,650	4,188	210	252	5.4	260	248	13	4.9
20 to 24 years	754	635	40	79	10.4	70	66	4	5.5
25 years and over	3,895	3,552	169	174	4.5	190	182	8	4.2
25 to 54 years	3,242	2,981	121	140	4.3	66	64	3	4.5
55 years and over	653	572	48	33	5.1	124	118	6	4.8
Females, 16 years and over	3,478	2,828	259	391	11.2	816	697	118	14.5
16 to 21 years	446	268	35	143	32.1	184	103	81	44.2
16 to 19 years	184	104	17	63	34.3	149	79	70	46.7
20 years and over	3,294	2,724	242	328	10.0	667	618	49	7.3
20 to 24 years	640	478	31	131	20.5	79	66	13	16.0
25 years and over	2,655	2,246	212	197	7.4	588	552	36	6.1
25 to 54 years	2,314	1,966	164	183	7.9	385	357	29	7.5
55 years and over	341	280	48	13	3.8	203	195	7	3.4

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

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total, 16 years and over	2,227	2,391	4.2	4.6	2,243	2,179	6.6	6.7
16 to 19 years	584	635	13.9	16.2	563	526	16.3	16.6
16 and 17 years	299	333	16.8	19.5	253	229	18.0	17.9
18 and 19 years	285	302	11.7	13.6	310	297	15.1	15.7
20 years and over	1,643	1,755	3.3	3.7	1,680	1,654	5.5	5.6
20 to 24 years	542	549	8.1	8.8	534	459	9.8	8.9
25 years and over	1,101	1,207	2.6	2.9	1,146	1,194	4.6	4.9
25 to 34 years	358	444	2.9	3.8	439	435	6.4	7.0
35 to 44 years	227	268	2.2	2.6	308	352	5.0	5.8
45 to 54 years	229	264	2.2	2.5	228	253	3.4	3.8
55 to 64 years	203	173	2.8	2.4	124	112	2.9	2.6
55 to 59 years	100	93	2.4	2.2	84	74	3.3	2.8
60 to 64 years	103	81	3.4	2.8	41	38	2.5	2.3
65 years and over	84	58	4.0	2.7	47	42	4.1	3.9
Household head, 16 years and over	1,075	1,180	2.5	2.8	430	347	5.8	4.9
16 to 24 years	171	173	4.4	4.7	94	70	10.8	8.9
25 to 54 years	628	787	2.0	2.6	245	206	5.8	5.3
55 years and over	276	220	3.1	2.5	91	70	4.0	3.0

A- 9: Unemployed persons by marital status, sex, age, and color

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total, 16 years and over	2,227	2,391	4.2	4.6	2,243	2,179	6.6	6.7
Married, spouse present	919	968	2.3	2.5	1,040	1,118	5.3	5.8
Widowed, divorced, or separated	167	201	5.4	6.8	415	348	6.5	5.7
Single (never married)	1,140	1,222	10.9	12.6	788	713	10.1	9.8
Total, 20 to 64 years of age	1,559	1,697	3.3	3.7	1,633	1,612	5.6	5.7
Married, spouse present	830	904	2.2	2.4	955	1,041	5.0	5.6
Widowed, divorced, or separated	155	192	5.6	7.2	375	318	6.7	5.8
Single (never married)	575	601	9.0	10.2	304	253	6.5	5.8
White, 16 years and over	1,839	1,928	3.8	4.1	1,733	1,746	5.9	6.1
Married, spouse present	778	816	2.1	2.3	879	936	5.0	5.4
Widowed, divorced, or separated	126	150	5.1	6.5	299	272	5.8	5.5
Single (never married)	936	962	10.2	11.4	555	539	8.2	8.5
White, 20 to 64 years of age	1,311	1,366	3.1	3.3	1,258	1,288	4.9	5.2
Married, spouse present	707	758	2.0	2.2	804	864	4.7	5.2
Widowed, divorced, or separated	116	144	5.3	6.9	263	244	5.9	5.7
Single (never married)	489	464	8.8	9.1	191	181	4.8	4.8
Negro and other races, 16 years and over	387	463	7.3	8.8	510	433	11.9	10.3
Married, spouse present	142	152	4.1	4.5	161	182	7.9	9.0
Widowed, divorced, or separated	41	50	6.6	7.9	116	76	9.2	6.2
Single (never married)	204	260	16.0	20.9	233	175	23.3	18.7
Negro and other races, 20 to 64 years of age	248	332	5.3	7.1	375	324	9.8	8.6
Married, spouse present	124	147	3.8	4.5	151	177	7.6	9.0
Widowed, divorced, or separated	40	48	6.8	8.0	111	74	9.6	6.5
Single (never married)	87	137	10.1	16.5	113	72	16.1	11.2

A-10: Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
TOTAL	4,470	4,570	5.1	5.4	4.2	4.6	6.6	6.7
White-collar workers	1,462	1,383	3.6	3.4	2.4	2.4	4.7	4.6
Professional and technical	293	316	2.4	2.7	2.2	2.4	2.9	3.1
Managers and administrators, except farm	168	150	2.0	1.6	1.6	1.5	3.7	2.3
Sales workers	239	208	4.2	3.9	2.9	2.6	6.0	5.6
Clerical workers	762	709	5.1	5.0	3.9	3.9	5.4	5.3
Blue-collar workers	1,601	1,842	5.2	6.3	4.7	5.7	7.6	9.2
Craftsmen and kindred workers	383	426	3.4	4.0	3.4	3.9	4.5	7.3
Carpenters and other construction craftsmen	194	(2)	5.4	(2)	5.3	(2)	(1)	(2)
All other	189	(2)	2.5	(2)	2.4	(2)	3.6	(2)
Operatives, except transport	691	(2)	6.1	(2)	4.7	(2)	8.2	(2)
Transport equipment operatives	148	(2)	4.4	(2)	4.3	(2)	4.7	(2)
Nonfarm laborers	379	427	8.2	9.5	8.5	9.6	4.5	8.2
Construction laborers	118	108	11.7	10.6	11.6	10.6	(1)	(1)
All other	261	319	7.3	9.2	7.5	9.3	4.0	8.6
Service workers	707	673	6.1	5.9	5.4	5.5	6.5	6.2
Private household	49	60	3.4	4.0	--	--	3.5	4.0
All other	658	613	6.5	6.2	5.5	5.5	7.2	6.8
Farmers and farm laborers	92	54	2.7	1.7	2.4	1.5	4.0	2.5
No previous work experience	608	618	--	--	--	--	--	--
16 to 19 years	462	476	--	--	--	--	--	--
20 to 24 years	110	89	--	--	--	--	--	--
25 years and over	37	53	--	--	--	--	--	--

¹Percent not shown where base is less than 75,000.

²Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

A-11: Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total	100.0	100.0	5.1	5.4	4.2	4.6	6.6	6.7
Nonagricultural private wage and salary workers	72.8	73.8	5.2	5.5	4.3	4.9	6.5	6.6
Mining .....	.4	.4	2.8	3.7	2.5	3.7	(1)	4.1
Construction	7.3	6.6	7.5	7.2	7.5	7.2	7.7	6.9
Manufacturing	21.9	26.2	4.8	5.9	3.6	4.7	7.5	8.7
Durable goods	11.3	15.9	4.2	6.1	3.7	5.3	6.3	9.3
Primary metal industries	1.0	3.1	3.7	11.1	3.5	10.9	5.6	12.7
Fabricated metal products	1.4	2.0	4.1	6.2	3.8	4.6	4.9	11.3
Machinery	1.8	2.1	4.0	4.8	3.1	4.2	8.7	8.6
Electrical equipment	1.8	2.1	4.0	4.6	3.5	2.8	4.7	7.4
Motor vehicles and equipment .....	.5	.8	1.8	3.3	1.7	2.7	3.1	9.1
All other transportation equipment	1.3	2.1	6.3	9.9	5.8	8.3	8.9	18.9
Other durable goods industries	3.5	3.7	5.3	5.7	4.4	5.0	7.7	8.2
Nondurable goods	10.6	10.3	5.5	5.5	3.5	3.7	8.3	8.3
Food and kindred products	2.9	2.9	7.1	7.2	5.1	4.8	11.9	13.6
Textile mill products .....	.9	1.0	4.2	4.7	3.0	3.3	5.7	6.6
Apparel and other finished textile products	2.3	2.7	6.9	8.4	5.5	6.1	7.3	9.0
Other nondurable goods industries	4.5	3.7	4.6	4.0	2.8	3.1	8.8	6.1
Transportation and public utilities	3.1	3.6	2.9	3.7	2.4	3.6	4.6	4.1
Railroads and railway express .....	.4	.9	2.6	5.9	2.5	6.1	(1)	(1)
Other transportation	1.6	1.7	3.4	4.0	2.9	3.9	5.9	4.5
Communication and other public utilities	1.1	1.1	2.5	2.6	1.7	1.7	4.1	3.9
Wholesale and retail trade	20.7	18.9	6.0	5.8	4.8	4.9	7.6	7.1
Finance, insurance, and real estate	3.4	2.6	3.7	3.1	2.8	1.8	4.6	4.3
Service industries	16.0	15.4	5.4	5.5	5.1	5.7	5.6	5.5
Professional services	6.2	5.5	3.9	3.8	3.1	3.3	4.3	4.1
All other service industries	9.8	9.8	7.2	7.4	6.9	7.6	7.4	7.2
Agricultural wage and salary workers	2.5	1.6	8.0	5.8	7.4	5.5	10.9	7.5
All other classes of workers	11.1	11.0	2.2	2.3	1.8	1.8	2.9	3.1
No previous work experience	13.6	13.5	--	--	--	--	--	--

¹Percent not shown where base is less than 75,000.

A-12: Unemployed persons by reason for unemployment, sex, age, and color

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Unemployment level												
Total unemployed, in thousands	4,470	4,570	1,643	1,755	1,680	1,654	1,146	1,161	3,572	3,674	897	895
Lost last job	1,651	1,875	949	1,123	513	573	189	179	1,321	1,519	330	356
Left last job	708	575	261	213	325	239	122	123	582	485	127	91
Reentered labor force	1,508	1,504	376	374	755	746	378	384	1,195	1,197	313	307
Never worked before	603	616	58	45	87	96	458	474	475	474	128	142
Total unemployed, percent distribution . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	36.9	41.0	57.9	64.0	30.6	34.6	16.5	15.4	37.0	41.3	36.8	39.7
Left last job	15.8	12.6	15.9	12.1	19.4	14.4	10.6	10.6	16.3	13.2	14.1	10.2
Reentered labor force	33.7	32.9	22.8	21.3	44.9	45.1	32.9	33.1	33.4	32.6	34.9	34.3
Never worked before	13.5	13.5	3.5	2.6	5.2	5.8	39.9	40.9	13.3	12.9	14.2	15.8
Unemployment rate												
Total unemployment rate	5.1	5.4	3.4	3.7	5.5	5.6	14.9	16.4	4.6	4.9	9.3	9.5
Job-loser rate ¹	1.9	2.2	1.9	2.3	1.7	1.9	2.4	2.5	1.7	2.0	3.4	3.8
Job-leaver rate ¹ . . . . .	.8	.7	.5	.4	1.1	.8	1.6	1.7	.8	.6	1.3	1.0
Reentrant rate ¹	1.7	1.8	.8	.8	2.5	2.5	4.9	5.4	1.5	1.6	3.2	3.3
New entrant rate ¹ . . . . .	.7	.7	.1	.1	.3	.3	6.0	6.7	.6	.6	1.3	1.5

¹Unemployment rates are calculated as a percent of the civilian labor force.

A-13: Unemployed persons by reason for unemployment, duration, sex, and age

October 1972

(Percent distribution)

Reason, sex, and age	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over	4,470	100.0	49.1	29.3	21.6	11.2	10.4
Lost last job	1,651	100.0	41.1	27.2	31.7	13.7	18.0
Left last job	708	100.0	54.3	31.2	14.5	7.6	6.9
Reentered labor force	1,508	100.0	55.3	29.8	14.9	9.0	5.9
Never worked before	603	100.0	49.8	31.5	18.8	14.3	4.5
Male, 20 years and over	1,643	100.0	39.4	30.1	30.5	13.3	17.2
Lost last job	949	100.0	37.0	27.3	35.6	14.0	21.6
Left last job	261	100.0	46.9	30.2	23.0	11.5	11.5
Reentered labor force	376	100.0	37.9	38.7	23.4	11.7	11.7
Never worked before	58	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,680	100.0	52.8	28.6	18.6	9.5	9.1
Lost last job	513	100.0	39.9	27.0	33.1	15.6	17.5
Left last job	325	100.0	56.7	30.4	12.9	7.1	5.8
Reentered labor force	755	100.0	61.5	26.8	11.6	6.6	5.0
Never worked before	87	100.0	37.9	46.0	16.0	8.0	8.0
Both sexes, 16 to 19 years	1,146	100.0	57.9	29.1	13.1	10.7	2.4
Lost last job	189	100.0	64.0	27.0	9.0	7.4	1.6
Left last job	122	100.0	63.1	35.2	1.6	1.6	--
Reentered labor force	378	100.0	60.5	26.8	12.7	11.1	1.6
Never worked before	458	100.0	51.6	30.0	18.3	14.4	3.9

¹Percent not shown where base is less than 75,000.

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total	4,470	4,570	100.0	100.0	1,506	1,527	100.0	100.0
Less than 5 weeks	2,197	2,084	49.1	45.6	627	592	41.6	38.8
5 to 14 weeks	1,308	1,382	29.3	30.2	411	448	27.3	29.3
5 to 10 weeks	1,076	1,097	24.1	24.0	325	341	21.6	22.3
11 to 14 weeks	232	285	5.2	6.2	86	107	5.7	7.0
15 weeks and over	965	1,104	21.6	24.2	468	487	31.1	31.9
15 to 26 weeks	502	578	11.2	12.6	207	244	13.7	16.0
27 weeks and over	463	526	10.4	11.5	261	243	17.3	15.9
Average (mean) duration	11.3	12.1	--	--	15.5	15.2	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status

Sex, age, color, and marital status	Thousands of persons					Average (mean) 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		Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
							Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total	4,470	2,197	1,308	502	463	11.3	49.2	45.6	21.6	24.2
16 to 21 years	1,639	915	517	158	49	7.3	55.9	52.1	12.6	17.8
16 to 19 years	1,146	663	333	123	27	7.0	57.8	53.2	13.2	18.1
20 to 24 years	1,076	535	368	112	61	8.7	49.7	48.3	16.1	17.2
25 to 34 years	797	403	231	94	70	10.9	50.5	44.3	20.6	25.8
35 to 44 years	535	247	150	64	74	12.7	46.1	42.3	25.8	30.2
45 to 54 years	457	177	119	51	110	17.7	38.7	42.5	35.3	25.2
55 to 64 years	327	119	81	35	92	21.3	36.5	27.7	38.7	47.0
65 years and over	131	54	25	22	29	20.7	41.1	29.7	39.6	43.0
Male	2,227	995	665	270	297	13.3	44.7	41.8	25.5	27.9
16 to 21 years	815	469	254	71	21	6.8	57.5	50.2	11.4	19.2
16 to 19 years	584	347	171	51	15	6.5	59.5	50.9	11.3	19.0
20 to 24 years	542	251	188	70	33	9.6	46.2	45.1	19.0	20.5
25 to 34 years	358	151	109	49	49	13.6	42.2	35.8	27.4	31.4
35 to 44 years	227	76	73	30	48	17.5	33.5	36.8	34.5	38.0
45 to 54 years	229	76	56	29	68	21.0	33.2	41.0	42.2	27.7
55 to 64 years	203	65	49	29	61	24.2	32.1	26.8	44.0	50.1
65 years and over	84	29	19	12	23	24.3	34.1	(1)	42.7	(1)
Female	2,243	1,203	643	232	166	9.4	53.6	49.8	17.7	20.1
16 to 21 years	823	446	263	86	27	7.8	54.2	54.4	13.8	16.1
16 to 19 years	563	316	162	72	12	7.5	56.1	55.9	15.1	16.9
20 to 24 years	534	284	180	42	28	7.9	53.3	52.1	13.1	13.2
25 to 34 years	439	252	122	45	21	8.8	57.3	52.9	15.0	20.1
35 to 44 years	308	171	78	34	26	9.3	55.5	46.5	19.3	24.2
45 to 54 years	228	101	63	23	42	14.4	44.2	44.0	28.3	22.7
55 to 64 years	124	54	33	6	31	16.5	43.7	29.1	30.2	42.2
65 years and over	47	25	6	10	6	14.2	(1)	(1)	(1)	(1)
White: Total	3,573	1,806	1,005	395	366	11.2	50.6	46.3	21.3	24.1
Male	1,839	835	532	240	232	13.2	45.4	42.3	25.7	28.3
Female	1,733	971	473	155	134	9.2	56.0	50.6	16.7	19.5
Negro and other races: Total	897	391	303	107	96	11.8	43.6	42.8	22.6	24.4
Male	387	159	133	30	65	13.9	41.1	39.5	24.5	26.4
Female	510	232	170	77	32	10.2	45.4	46.4	21.2	22.3
Male: Married, wife present	919	372	260	114	173	16.5	40.5	37.0	31.3	32.7
Widowed, divorced, or separated	167	69	41	23	35	14.6	41.3	39.7	34.5	36.6
Single (never married)	1,140	554	365	133	89	10.5	48.6	45.9	19.5	22.7
Female: Married, husband present	1,040	567	286	95	92	9.9	54.5	49.0	18.0	19.1
Widowed, divorced, or separated	415	243	104	34	34	8.9	58.6	46.6	16.4	26.7
Single (never married)	788	393	253	103	40	9.1	49.8	52.5	18.1	18.3

Percent not shown where base is less than 75,000.

A-16: Unemployed persons by duration, occupation, and industry of last job

October 1972										
Occupation and industry	Thousands of persons					Average (mean) 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		Oct.	Oct.	Oct.	Oct.
							1972	1971	1972	1971
OCCUPATION										
White-collar workers	1,462	679	429	186	168	12.0	46.4	46.1	24.2	23.5
Professional and managerial	461	201	109	78	72	15.1	43.6	39.5	19.2	29.2
Sales workers	239	119	75	17	29	10.7	49.8	52.1	18.9	22.3
Clerical workers	762	358	245	91	68	10.6	47.0	48.5	20.8	20.1
Blue-collar workers	1,601	759	475	176	191	12.2	47.4	42.1	22.9	26.2
Craftsmen and kindred workers	383	194	89	44	56	13.4	50.6	40.9	26.1	28.2
Operatives, except transport	691	313	215	94	68	11.6	45.4	(2)	23.5	(2)
Transport equipment operatives	148	59	55	14	21	12.7	39.5	(2)	23.1	(2)
Nonfarm laborers	379	193	115	24	46	12.1	51.0	45.6	18.7	19.8
Service workers	707	390	196	50	72	10.6	55.1	50.1	17.2	21.6
INDUSTRY¹										
Agriculture	111	72	24	3	11	12.7	65.3	64.0	13.4	12.0
Construction	350	182	95	36	37	10.7	52.0	43.9	20.9	18.8
Manufacturing	987	428	286	133	139	13.6	43.4	38.5	27.6	29.1
Durable goods	510	175	157	83	95	17.0	34.3	31.7	34.9	33.4
Nondurable goods	477	253	129	50	44	9.9	53.1	48.9	19.8	22.5
Transportation and public utilities	155	66	47	14	28	15.3	42.4	53.5	27.0	18.4
Wholesale and retail trade	930	469	267	92	102	11.3	50.4	50.6	20.9	23.6
Finance and service industries	1,100	556	334	111	99	10.4	50.5	45.0	19.1	21.9
Public administration	130	63	48	14	5	8.0	48.3	46.1	14.5	31.4
No previous work experience	608	306	190	86	27	8.9	50.3	48.0	18.6	23.6

¹ Includes wage and salary workers only.

² Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of *Employment and Earnings*.

A-17: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
	All industries	82,707	80,065	51,059	49,535	31,648	30,530
16 to 19 years	6,523	5,932	3,628	3,288	2,895	2,644
16 to 17 years	2,628	2,421	1,477	1,370	1,151	1,051
18 to 19 years	3,895	3,511	2,150	1,918	1,745	1,593
20 to 24 years	11,135	10,396	6,189	5,666	4,945	4,729
25 to 54 years	50,893	49,518	32,276	31,575	18,615	17,943
25 to 34 years	18,444	17,138	12,031	11,351	6,412	5,787
35 to 44 years	15,883	15,755	10,072	10,065	5,811	5,690
45 to 54 years	16,566	16,625	10,173	10,159	6,392	6,466
55 to 64 years	11,065	11,132	6,964	6,950	4,100	4,188
55 to 59 years	6,560	6,675	4,077	4,121	2,483	2,554
60 to 64 years	4,504	4,463	2,887	2,829	1,617	1,633
65 years and over	3,092	3,082	2,000	2,057	1,092	1,025
Nonagricultural industries	78,986	76,595	48,054	46,714	30,932	29,881
16 to 19 years	6,150	5,588	3,325	2,997	2,824	2,590
16 to 17 years	2,412	2,239	1,301	1,206	1,111	1,033
18 to 19 years	3,738	3,349	2,024	1,792	1,714	1,557
20 to 24 years	10,841	10,141	5,943	5,450	4,898	4,692
25 to 54 years	49,065	47,825	30,864	30,279	18,201	17,545
25 to 34 years	17,930	16,668	11,610	10,973	6,320	5,695
35 to 44 years	15,285	15,204	9,626	9,665	5,658	5,539
45 to 54 years	15,850	15,953	9,628	9,641	6,223	6,311
55 to 64 years	10,349	10,448	6,369	6,373	3,980	4,075
55 to 59 years	6,205	6,299	3,797	3,815	2,407	2,484
60 to 64 years	4,144	4,149	2,571	2,558	1,573	1,591
65 years and over	2,582	2,594	1,553	1,615	1,029	979
Agriculture	3,721	3,470	3,005	2,821	716	649
16 to 19 years	373	344	302	290	71	54
16 to 17 years	216	182	176	164	40	18
18 to 19 years	157	163	126	127	31	36
20 to 24 years	293	254	246	217	47	38
25 to 54 years	1,827	1,693	1,413	1,296	413	397
25 to 34 years	514	470	421	378	92	92
35 to 44 years	598	551	446	400	152	151
45 to 54 years	715	672	546	518	169	154
55 to 64 years	716	690	596	577	120	113
55 to 59 years	356	376	280	306	76	70
60 to 64 years	360	314	315	271	45	42
65 years and over	511	488	448	441	63	47

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-18: Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
	Total	82,707	80,065	47,431	46,247	28,752	27,886	3,628	3,288	2,895	2,644
White-collar workers	39,615	38,889	19,780	19,814	17,708	17,132	605	578	1,522	1,364
Professional and technical	11,722	11,389	6,990	6,825	4,574	4,417	90	75	69	72
Health workers	1,959	1,812	790	685	1,152	1,111	5	3	13	13
Teachers, except college	3,067	2,904	920	868	2,128	2,014	7	6	12	17
Other professional and technical	6,696	6,673	5,280	5,272	1,294	1,291	78	66	44	42
Managers and administrators, except farm ..	8,142	8,973	6,605	7,310	1,459	1,617	65	33	13	13
Salaried workers	6,404	6,729	5,242	5,539	1,091	1,150	57	30	13	11
Self-employed workers in retail trade ..	941	1,102	673	800	263	296	5	4	--	2
Self-employed workers, except retail trade	798	1,142	690	971	105	171	3	--	--	--
Sales workers	5,429	5,066	2,963	2,639	1,922	1,879	197	235	347	313
Retail trade	3,109	2,998	1,046	915	1,583	1,592	155	203	325	288
Other industries	2,319	2,069	1,917	1,725	338	287	42	32	23	25
Clerical workers	14,322	13,460	3,222	3,039	9,754	9,220	253	235	1,092	967
Stenographers, typists, and secretaries ..	4,137	3,735	72	54	3,673	3,391	10	5	381	285
Other clerical workers	10,185	9,725	3,150	2,985	6,081	5,829	243	230	711	682
Blue-collar workers	28,921	27,428	21,826	20,783	4,640	4,506	2,126	1,845	329	294
Craftsmen and kindred workers	10,863	10,204	10,130	9,581	366	385	353	227	15	11
Carpenters	1,058	935	988	908	2	3	67	24	1	--
Construction craftsmen, except carpenters	2,337	(1)	2,259	(1)	--	(1)	77	(1)	1	(1)
Mechanics and repairmen	2,728	2,462	2,606	2,330	11	38	111	93	2	2
Metal craftsmen	1,068	1,154	1,032	1,123	9	16	26	14	--	--
Foremen, not elsewhere classified	1,378	1,338	1,285	1,227	88	104	5	7	--	--
All other	2,293	(1)	1,959	(1)	255	(1)	67	(1)	12	(1)
Operatives, except transport	10,574	(1)	5,684	(1)	3,883	(1)	743	(1)	264	(1)
Durable goods manufacturing	4,519	(1)	2,944	(1)	1,257	(1)	227	(1)	90	(1)
Nondurable goods manufacturing	3,654	(1)	1,370	(1)	2,017	(1)	137	(1)	131	(1)
Other industries	2,400	(1)	1,369	(1)	609	(1)	379	(1)	43	(1)
Transport equipment operatives	3,253	(1)	2,941	(1)	145	(1)	165	(1)	2	(1)
Drivers and deliverymen	2,805	2,636	2,525	2,363	142	126	135	143	2	5
All other	448	(1)	416	(1)	3	(1)	29	(1)	--	(1)
Nonfarm laborers	4,231	4,065	3,071	2,969	246	216	865	844	48	37
Construction	894	916	744	775	7	7	142	133	--	--
Manufacturing	1,026	1,034	808	834	97	67	111	133	9	--
Other industries	2,312	2,115	1,520	1,359	142	142	612	578	38	37
Service workers	10,890	10,678	3,407	3,396	5,852	5,727	643	618	988	937
Private household workers	1,379	1,443	23	25	1,098	1,105	5	4	253	309
Service workers, except private household ..	9,511	9,235	3,384	3,371	4,753	4,622	639	614	735	628
Food service workers	3,267	(1)	596	(1)	1,838	(1)	382	(1)	450	(1)
Protective service workers	1,142	1,106	1,063	1,039	65	54	13	12	1	1
All other	5,102	(1)	1,725	(1)	2,850	(1)	244	(1)	284	(1)
Farm workers ..	3,281	3,069	2,418	2,254	553	521	254	246	56	48
Farmers and farm managers ..	1,811	1,678	1,677	1,587	122	85	13	5	--	1
Farm laborers and foremen	1,470	1,392	741	667	432	436	240	241	57	48
Paid workers	971	904	696	618	110	136	145	130	20	20
Unpaid family workers	499	488	45	49	321	300	95	111	37	28

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

¹Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

A-19: Employed persons by major occupational group, sex, and color

(Percent distribution)

Occupational group and color	Total		Male		Female	
	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total						
Total employed (thousands)	82,707	80,065	51,059	49,535	31,648	30,530
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	47.9	48.6	39.9	41.2	60.8	60.6
Professional and technical	14.2	14.2	13.9	13.9	14.7	14.7
Managers and administrators, except farm	9.8	11.2	13.1	14.8	4.7	5.3
Sales workers	6.6	6.3	6.2	5.8	7.2	7.2
Clerical workers	17.3	16.8	6.8	6.6	34.3	33.4
Blue-collar workers	35.0	34.3	46.9	45.7	15.7	15.7
Craftsmen and kindred workers	13.1	12.7	20.5	19.8	1.2	1.3
Operatives, except transport	12.8	(1)	12.6	(1)	13.1	(1)
Transport equipment operatives	3.9	(1)	6.1	(1)	.5	(1)
Nonfarm laborers	5.1	5.1	7.7	7.7	.9	.8
Service workers	13.2	13.3	7.9	8.1	21.6	21.8
Private household workers	1.7	1.8	.1	.1	4.3	4.6
Other service workers	11.5	11.5	7.9	8.0	17.3	17.2
Farm workers	4.0	3.8	5.2	5.0	1.9	1.9
Farmers and farm managers	2.2	2.1	3.3	3.2	.4	.3
Farm laborers and foremen	1.8	1.7	1.9	1.8	1.5	1.6
White						
Total employed (thousands)	73,969	71,516	46,105	44,745	27,863	26,771
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.0	50.9	41.8	43.1	63.5	63.9
Professional and technical	14.7	14.8	14.5	14.5	15.1	15.3
Managers and administrators, except farm	10.5	12.0	13.9	15.8	4.9	5.7
Sales workers	7.1	6.8	6.7	6.2	7.8	7.9
Clerical workers	17.6	17.2	6.7	6.5	35.7	35.0
Blue-collar workers	34.3	33.6	45.8	44.5	15.3	15.3
Craftsmen and kindred workers	13.7	13.4	21.2	20.6	1.2	1.3
Operatives, except transport	12.3	(1)	12.2	(1)	12.7	(1)
Transport equipment operatives	3.7	(1)	5.6	(1)	.5	(1)
Nonfarm laborers	4.6	4.5	6.8	6.7	.9	.8
Service workers	11.6	11.6	7.1	7.3	19.1	18.9
Private household workers	1.1	1.2	(2)	.1	2.9	3.1
Other service workers	10.5	10.5	7.1	7.3	16.2	15.8
Farm workers	4.1	3.9	5.3	5.1	2.1	1.9
Farm and farm managers	2.4	2.3	3.6	3.4	.4	.3
Farm laborers and foremen	1.7	1.7	1.8	1.7	1.7	1.6
Negro and other races						
Total employed (thousands)	8,738	8,548	4,954	4,790	3,784	3,758
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	30.4	29.4	22.8	23.2	40.3	37.3
Professional and technical	9.5	9.3	8.2	8.6	11.2	10.3
Managers and administrators, except farm	4.0	4.2	5.0	5.3	2.6	2.8
Sales workers	2.1	2.0	1.7	1.9	2.6	2.3
Clerical workers	14.9	13.8	8.0	7.4	23.9	21.9
Blue-collar workers	40.7	40.0	57.7	56.7	18.6	18.7
Craftsmen and kindred workers	8.5	7.6	14.3	12.8	.9	1.0
Operatives, except transport	16.5	(1)	16.7	(1)	16.3	(1)
Transport equipment operatives	6.0	(1)	10.3	(1)	.4	(1)
Nonfarm laborers	9.8	10.3	16.5	17.3	1.0	1.2
Service workers	26.1	27.5	15.2	15.6	40.4	42.7
Private household workers	6.4	7.0	.2	.1	14.4	15.6
Other service workers	19.8	20.5	15.0	15.4	26.0	27.1
Farm workers	2.8	3.1	4.3	4.6	.8	1.3
Farm and farm managers .....	.6	.7	1.0	1.2	.1	.1
Farm laborers and foremen	2.1	2.4	3.2	3.4	.7	1.2

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

¹ Data comparable to 1972 category not available. For explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.² Less than 0.05 percent.

A-20: Employed persons by class of worker, sex, and age
 October 1972
 (In thousands)

Age and sex	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	73,214	1,609	13,600	58,005	5,293	479	1,274	1,928	519
16 to 19 years.....	6,025	341	463	5,221	93	31	208	29	137
16 and 17 years.....	2,355	244	143	1,968	39	17	104	20	92
18 and 19 years.....	3,669	97	320	3,253	54	14	103	10	44
20 to 24 years.....	10,599	99	1,645	8,855	222	20	207	47	39
25 to 34 years.....	16,972	161	3,321	13,490	883	75	244	221	48
35 to 44 years.....	14,023	212	2,840	10,971	1,145	117	178	316	104
45 to 54 years.....	14,358	269	3,095	10,994	1,351	141	179	434	102
55 to 64 years.....	9,186	285	1,921	6,981	1,088	74	160	498	58
55 to 59 years.....	5,536	147	1,190	4,199	620	49	94	225	37
60 to 64 years.....	3,650	138	731	2,781	468	25	66	273	21
65 years and over.....	2,050	242	314	1,494	511	21	98	382	30
Male	44,094	221	7,333	36,539	3,920	40	1,065	1,796	144
16 to 19 years.....	3,238	86	212	2,939	67	21	175	28	99
16 and 17 years.....	1,263	61	66	1,136	28	10	90	18	68
18 and 19 years.....	1,974	26	146	1,803	39	11	85	10	31
20 to 24 years.....	5,811	9	701	5,101	125	8	178	44	24
25 to 34 years.....	10,980	15	1,829	9,136	630	--	205	211	5
35 to 44 years.....	8,736	16	1,563	7,157	890	1	143	297	5
45 to 54 years.....	8,595	23	1,759	6,813	1,032	1	144	400	1
55 to 64 years.....	5,561	35	1,068	4,458	803	5	130	464	1
55 to 59 years.....	3,333	20	676	2,637	463	2	75	206	--
60 to 64 years.....	2,228	15	392	1,821	340	3	56	258	1
65 years and over.....	1,174	38	201	935	374	5	89	350	8
Female	29,121	1,388	6,267	21,466	1,373	439	209	132	375
16 to 19 years.....	2,787	255	251	2,282	26	11	33	1	37
16 and 17 years.....	1,092	184	76	832	11	7	14	1	25
18 and 19 years.....	1,695	71	174	1,450	15	4	18	--	13
20 to 24 years.....	4,789	90	944	3,754	97	12	29	3	15
25 to 34 years.....	5,992	146	1,492	4,354	253	74	39	10	44
35 to 44 years.....	5,288	197	1,277	3,813	255	116	35	19	98
45 to 54 years.....	5,764	247	1,336	4,181	319	140	35	33	101
55 to 64 years.....	3,626	250	853	2,523	285	69	29	34	57
55 to 59 years.....	2,203	127	514	1,562	157	47	19	19	37
60 to 64 years.....	1,422	123	339	960	128	22	10	15	20
65 years and over.....	876	204	113	559	138	15	9	32	22

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-21: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Oct. 1972	Oct. 1971	Total		Wage and salary workers ¹			
			Oct. 1972	Oct. 1971	Paid absence ²		Unpaid absence ²	
					Oct. 1972	Oct. 1971	Oct. 1972	Oct. 1971
Total	3,476	3,530	3,409	3,430	1,709	1,550	1,377	1,508
Vacation	1,510	1,412	1,490	1,383	1,088	1,024	250	232
Illness	1,282	1,244	1,257	1,210	423	418	707	672
Bad weather	31	25	25	18	--	--	--	--
Industrial dispute	36	187	36	185	--	--	--	--
All other reasons	616	662	601	634	198	108	420	603
Male	2,080	2,145	2,022	2,054	1,161	1,026	658	801
Vacation	1,007	888	988	865	804	687	108	96
Illness	717	750	695	716	260	274	372	379
All other reasons	356	507	339	473	97	65	178	326
Female	1,396	1,385	1,387	1,376	548	523	719	708
Vacation	503	524	502	518	331	337	142	137
Illness	564	494	562	493	185	144	335	293
All other reasons	329	367	323	365	32	43	242	277

¹Excludes private household.²Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

A-22: Persons at work by type of industry and hours of work

Hours of work	October 1972					
	Thousands of persons			Percent distribution		
	All industries	Nonagri-cultural industries	Agricul-ture	All industries	Nonagri-cultural industries	Agricul-ture
Total at work	79,231	75,576	3,654	100.0	100.0	100.0
1-34 hours	22,090	20,979	1,112	27.9	27.8	30.4
1-4 hours	692	641	52	.9	.8	1.4
5-14 hours	3,775	3,527	248	4.8	4.7	6.8
15-29 hours	9,224	8,651	573	11.6	11.4	15.7
30-34 hours	8,399	8,160	239	10.6	10.8	6.5
35 hours and over	57,140	54,599	2,543	72.1	72.2	69.6
35-39 hours	5,004	4,814	190	6.3	6.4	5.2
40 hours	29,470	29,050	420	37.2	38.4	11.5
41 hours and over	22,666	20,735	1,933	28.6	27.4	52.9
41 to 48 hours	8,999	8,760	239	11.4	11.6	6.5
49 to 59 hours	7,343	6,875	469	9.3	9.1	12.8
60 hours and over	6,324	5,100	1,225	8.0	6.7	33.5
Average hours, total at work	39.0	38.6	46.5	--	--	--
Average hours, workers on full-time schedules	43.2	42.6	56.5	--	--	--

NOTE: See note, Table A-1, regarding the introduction of 1970 census population controls.

A-23: Persons at work 1-34 hours by usual status and reason working part time

October 1972

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	22,090	9,502	12,587	20,979	9,232	11,745
Economic reasons	2,287	1,110	1,177	2,066	980	1,086
Slack work	1,066	777	289	910	662	248
Material shortages or repairs to plant and equipment	80	80	--	74	74	--
New job started during week	165	165	--	158	158	--
Job terminated during week	88	88	--	87	87	--
Could find only part-time work	888	--	888	838	--	838
Other reasons	19,802	8,391	11,411	18,912	8,253	10,659
Does not want, or unavailable for, full-time work	9,305	--	9,305	8,713	--	8,713
Vacation	516	516	--	510	510	--
Illness	1,652	1,392	260	1,568	1,369	199
Bad weather	322	322	--	253	253	--
Industrial dispute	28	28	--	28	28	--
Legal or religious holiday	4,936	4,936	--	4,931	4,931	--
Full time for this job	1,413	--	1,413	1,365	--	1,365
All other reasons	1,632	1,199	433	1,544	1,162	382
Average hours:						
Economic reasons	21.1	23.6	18.7	21.1	23.7	18.8
Other reasons	22.6	28.6	18.2	22.7	28.6	18.2
Worked 30 to 34 hours:						
Economic reasons	660	435	22.5	585	377	208
Other reasons	7,739	5,956	1,783	7,575	5,909	1,666

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-24: Nonagricultural workers by industry and full- or part-time status

October 1972

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	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		
Total ^{1/}	100.0	2.7	14.1	83.1	55.7	11.6	15.8	38.6	42.6
Wage and salary workers	100.0	2.7	13.8	83.5	57.8	11.7	14.0	38.2	42.0
Construction	100.0	4.3	3.9	91.7	68.1	10.9	12.7	39.1	40.7
Manufacturing	100.0	2.0	3.3	94.6	64.0	16.4	14.2	41.1	42.2
Durable goods	100.0	1.0	2.4	96.6	65.2	16.7	14.7	41.6	42.4
Nondurable goods	100.0	3.4	4.7	91.9	62.3	16.1	13.5	40.3	42.0
Transportation and public utilities	100.0	2.4	6.3	91.3	63.0	12.1	16.2	40.6	42.6
Wholesale and retail trade	100.0	3.3	25.1	71.6	43.4	12.9	15.3	36.6	43.5
Finance, insurance, and real estate	100.0	1.0	10.2	88.7	66.8	8.3	13.6	38.1	40.4
Service industries	100.0	3.2	22.7	74.1	52.8	8.1	13.2	35.7	42.1
Private households	100.0	13.3	52.3	34.5	22.9	3.4	8.2	23.9	43.6
All other service	100.0	2.3	20.1	77.6	55.5	8.5	13.6	36.7	42.0
Public administration	100.0	.7	5.9	93.4	75.5	6.4	11.5	37.6	39.1
Self-employed workers	100.0	3.9	16.5	79.6	29.5	10.1	40.0	44.2	51.0
Unpaid family workers	100.0	2.1	37.4	60.4	28.2	6.7	25.5	38.7	50.4

^{1/} Mining not shown separately but included in totals.

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status

Age, sex, color and marital status	October 1972						Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				
				Total	40 hours or less	41 hours or more		
(In thousands)								
TOTAL								
Total, 16 years and over.....	75,576	2,066	10,659	62,851	42,116	20,735	38.6	42.6
16 to 21 years.....	9,911	474	3,838	5,599	4,273	1,326	30.2	40.5
16 to 19 years.....	6,001	320	3,073	2,608	1,992	616	26.9	40.4
16 and 17 years.....	2,354	101	1,901	352	287	65	18.7	37.5
18 and 19 years.....	3,647	219	1,172	2,256	1,705	551	32.1	40.9
20 years and over.....	69,575	1,747	7,586	60,242	40,123	20,119	39.6	42.7
20 to 24 years.....	10,508	350	1,455	8,703	6,333	2,370	37.2	41.1
25 years and over.....	59,067	1,397	6,131	51,539	33,790	17,749	40.0	43.0
25 to 44 years.....	32,056	715	2,884	28,457	18,241	10,216	40.7	43.3
45 to 64 years.....	24,652	610	2,221	21,821	14,699	7,122	40.1	42.6
65 years and over.....	2,359	73	1,025	1,261	850	411	30.4	42.9
Males, 16 years and over	46,032	907	3,529	41,596	24,933	16,663	41.6	44.1
16 to 21 years.....	5,270	221	1,978	3,071	2,089	982	31.6	41.8
16 to 19 years.....	3,234	154	1,613	1,467	1,021	446	28.0	41.5
16 and 17 years.....	1,264	58	1,000	206	167	39	19.5	37.0
18 and 19 years.....	1,970	95	613	1,262	854	408	33.5	42.2
20 years and over.....	42,798	753	1,916	40,129	23,912	16,217	42.6	44.2
20 to 24 years.....	5,770	171	673	4,926	3,126	1,800	39.4	42.8
25 years and over.....	37,028	584	1,243	35,201	20,784	14,417	43.1	44.3
25 to 44 years.....	20,591	307	350	19,934	11,375	8,559	44.0	44.7
45 to 64 years.....	15,027	239	352	14,436	8,885	5,551	43.0	43.9
65 years and over.....	1,410	37	541	832	525	307	32.1	43.1
Females, 16 years and over	29,545	1,159	7,130	21,256	17,184	4,072	33.9	39.8
16 to 21 years.....	4,640	253	1,861	2,526	2,180	346	28.6	38.8
16 to 19 years.....	2,767	165	1,460	1,142	974	168	25.6	39.1
16 and 17 years.....	1,090	43	901	146	120	26	17.9	38.2
18 and 19 years.....	1,677	123	559	995	851	144	30.6	39.3
20 years and over.....	26,778	993	5,670	20,115	16,212	3,903	34.8	39.9
20 to 24 years.....	4,739	180	782	3,777	3,207	570	34.6	38.7
25 years and over.....	22,039	814	4,888	16,337	13,005	3,332	34.8	40.1
25 to 44 years.....	11,465	406	2,534	8,525	6,869	1,656	34.6	39.9
45 to 64 years.....	9,625	371	1,869	7,385	5,812	1,573	35.7	40.3
65 years and over.....	949	36	484	429	325	104	27.8	42.4
COLOR								
White.....	67,496	1,604	9,737	56,155	36,722	19,433	38.8	42.9
Male.....	41,494	700	3,243	37,551	21,836	15,715	41.9	44.4
Female.....	26,002	905	6,495	18,602	14,883	3,719	33.9	39.9
Negro and other races.....	8,080	462	922	6,696	5,395	1,301	36.8	40.4
Male.....	4,538	208	286	4,044	3,096	948	38.9	41.3
Female.....	3,542	254	636	2,652	2,300	352	34.1	39.0
MARITAL STATUS								
Male:								
Married, wife present.....	35,060	464	1,093	33,503	19,337	14,166	43.4	44.5
Widowed, divorced, or separated.....	2,619	112	172	2,335	1,465	870	41.2	43.8
Single (never married).....	8,352	332	2,264	5,756	4,129	1,627	34.3	41.8
Female:								
Married, husband present.....	17,309	585	4,178	12,546	10,134	2,412	34.3	39.9
Widowed, divorced, or separated.....	5,579	267	940	4,372	3,393	979	35.8	40.3
Single (never married).....	6,657	306	2,012	4,339	3,658	681	31.3	39.1

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**A-25: Persons at work in nonagricultural industries by full- or part-time status,
sex, age, color, and marital status--Continued**

October 1972

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
TOTAL						
Total, 16 years and over.....	100.0	2.7	14.1	83.1	55.7	27.4
16 to 21 years	100.0	4.8	38.7	56.5	43.1	13.4
16 to 19 years	100.0	5.3	51.2	43.5	33.2	10.3
16 and 17 years	100.0	4.3	80.8	15.0	12.2	2.8
18 and 19 years	100.0	6.0	32.1	61.9	46.8	15.1
20 years and over	100.0	2.5	10.9	86.6	57.7	28.9
20 to 24 years	100.0	3.3	13.8	82.9	60.3	22.6
25 years and over	100.0	2.4	10.4	87.2	57.2	30.0
25 to 44 years	100.0	2.2	9.0	88.8	56.9	31.9
45 to 64 years	100.0	2.5	9.0	88.4	59.5	28.9
65 years and over	100.0	3.1	43.5	53.4	36.0	17.4
Males, 16 years and over	100.0	2.0	7.7	90.4	54.2	36.2
16 to 21 years	100.0	4.2	37.5	58.2	39.6	18.6
16 to 19 years	100.0	4.8	49.9	45.4	31.6	13.8
16 and 17 years	100.0	4.6	79.1	16.3	13.2	3.1
18 and 19 years	100.0	4.8	31.1	64.1	43.4	20.7
20 years and over	100.0	1.8	4.5	93.8	55.9	37.9
20 to 24 years	100.0	3.0	11.7	85.4	54.2	31.2
25 years and over	100.0	1.6	3.4	95.0	56.1	38.9
25 to 44 years	100.0	1.5	1.7	96.8	55.2	41.6
45 to 64 years	100.0	1.6	2.3	96.0	59.1	36.9
65 years and over	100.0	2.6	38.4	59.0	37.2	21.8
Females, 16 years and over	100.0	3.9	24.1	72.0	58.2	13.8
16 to 21 years	100.0	5.5	40.1	54.5	47.0	7.5
16 to 19 years	100.0	6.0	52.8	41.3	35.2	6.1
16 and 17 years	100.0	3.9	82.7	13.4	11.0	2.4
18 and 19 years	100.0	7.3	33.3	59.3	50.7	8.6
20 years and over	100.0	3.7	21.2	75.1	60.5	14.6
20 to 24 years	100.0	3.8	16.5	79.7	67.7	12.0
25 years and over	100.0	3.7	22.2	74.1	59.0	15.1
25 to 44 years	100.0	3.5	22.1	74.3	59.9	14.4
45 to 64 years	100.0	3.9	19.4	76.7	60.4	16.3
65 years and over	100.0	3.8	51.0	45.2	34.2	11.0
COLOR						
White	100.0	2.4	14.4	83.2	54.4	28.8
Male	100.0	1.7	7.8	90.5	52.6	37.9
Female	100.0	3.5	25.0	71.5	57.2	14.3
Negro and other races	100.0	5.7	11.4	82.9	66.8	16.1
Male	100.0	4.6	6.3	89.1	68.2	20.9
Female	100.0	7.2	18.0	74.8	64.9	9.9
MARITAL STATUS						
Male:						
Married, wife present	100.0	1.3	3.1	95.6	55.2	40.4
Widowed, divorced, or separated	100.0	4.3	6.6	89.1	55.9	33.2
Single (never married)	100.0	4.0	27.1	68.9	49.4	19.5
Female:						
Married, husband present	100.0	3.4	24.1	72.4	58.5	13.9
Widowed, divorced, or separated	100.0	4.8	16.8	78.3	60.8	17.5
Single (never married)	100.0	4.6	30.2	65.1	54.9	10.2

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex

October 1972									
Occupational group and sex	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
(Thousands of persons)									
TOTAL									
White-collar workers	37,998	537	5,445	32,016	21,142	3,848	7,026	39.1	43.0
Professional and technical	11,272	118	1,346	9,808	6,266	1,237	2,305	39.9	43.3
Managers and administrators, except farm	7,787	47	343	7,397	3,313	1,121	2,963	46.6	48.0
Sales workers	5,215	123	1,321	3,771	2,223	490	1,058	36.9	44.0
Clerical workers	13,724	251	2,435	11,038	9,337	1,000	701	35.1	39.0
Blue-collar workers	27,605	984	2,001	24,620	16,292	4,202	4,126	40.0	42.4
Craftsmen and kindred workers	10,353	254	383	9,716	6,251	1,708	1,757	41.3	42.7
Operatives, except transport	10,104	384	651	9,069	6,392	1,605	1,072	39.5	41.5
Transport equipment operatives	3,119	108	223	2,788	1,421	492	875	43.2	45.9
Nonfarm laborers	4,029	238	743	3,048	2,230	396	422	35.4	41.2
Service workers	10,402	574	3,320	6,508	4,809	758	941	33.0	42.1
Private household	1,343	177	688	478	324	48	106	24.7	43.5
Other service workers	9,058	397	2,632	6,029	4,483	710	836	34.2	42.0
MALE									
White-collar workers	19,570	124	1,276	18,170	9,838	2,553	5,779	43.6	45.5
Professional and technical	6,805	41	423	6,341	3,783	796	1,762	42.8	44.5
Managers and administrators, except farm	6,380	28	163	6,189	2,544	967	2,678	47.9	48.7
Sales workers	3,061	17	352	2,692	1,377	383	932	42.1	45.5
Clerical workers	3,324	39	338	2,947	2,134	407	406	38.5	41.0
Blue-collar workers	22,897	697	1,479	20,721	13,197	3,635	3,889	40.7	42.9
Craftsmen and kindred workers	9,992	240	321	9,431	6,044	1,661	1,726	41.5	42.7
Operatives, except transport	6,175	138	334	5,703	3,678	1,120	905	41.0	42.8
Transport equipment operatives	2,979	97	156	2,726	1,383	484	859	43.8	46.0
Nonfarm laborers	3,750	222	669	2,859	2,088	371	400	35.5	41.1
Service workers	3,889	107	831	2,951	2,004	375	572	37.2	43.5
Private household	26	6	7	13	6	—	7	31.0	51.8
Other service workers	3,862	101	824	2,937	1,997	375	565	37.2	43.5
FEMALE									
White-collar workers	18,428	413	4,169	13,846	11,302	1,295	1,249	34.4	39.6
Professional and technical	4,467	77	922	3,468	2,484	441	543	35.5	40.9
Managers and administrators, except farm	1,407	19	180	1,208	769	154	285	40.8	44.2
Sales workers	2,153	104	969	1,080	847	107	126	29.5	40.4
Clerical workers	10,400	212	2,098	8,090	7,202	593	295	34.1	38.2
Blue-collar workers	4,709	287	521	3,901	3,097	567	237	36.5	39.7
Craftsmen and kindred workers	361	14	62	285	206	48	31	35.9	40.3
Operatives, except transport	3,929	246	317	3,366	2,714	485	167	37.0	39.5
Transport equipment operatives	140	10	67	63	38	8	17	30.7	43.7
Nonfarm laborers	279	18	75	186	138	26	22	33.4	42.0
Service workers	6,513	466	2,489	3,558	2,805	383	370	30.5	40.9
Private household	1,317	171	681	465	319	47	99	24.6	43.2
Other service workers	5,196	295	1,808	3,093	2,487	335	271	32.0	40.6

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

Occupational group and sex	October 1972						
	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
(Percent distribution)							
TOTAL							
White-collar workers	100.0	1.4	14.3	84.3	55.6	10.1	18.5
Professional and technical	100.0	1.0	11.9	87.0	55.6	11.0	20.4
Managers and administrators, except farm	100.0	.6	4.4	95.0	42.5	14.4	38.1
Sales workers	100.0	2.4	25.3	72.3	42.6	9.4	20.3
Clerical workers	100.0	1.8	17.7	80.4	68.0	7.3	5.1
Blue-collar workers	100.0	3.6	7.2	89.2	59.0	15.2	14.9
Craftsmen and kindred workers	100.0	2.5	3.7	93.8	60.4	16.5	17.0
Operatives, except transport	100.0	3.8	6.4	89.8	63.3	15.9	10.6
Transport equipment operatives	100.0	3.5	7.1	89.4	45.6	15.8	28.1
Nonfarm laborers	100.0	5.9	18.4	75.7	55.3	9.8	10.5
Service workers	100.0	5.5	31.9	62.6	46.2	7.3	9.0
Private household	100.0	13.2	51.2	35.6	24.1	3.6	7.9
Other service workers	100.0	4.4	29.1	66.6	49.5	7.8	9.2
MALE							
White-collar workers	100.0	.6	6.5	92.8	50.3	13.0	29.5
Professional and technical	100.0	.6	6.2	93.2	55.6	11.7	25.9
Managers and administrators, except farm	100.0	.4	2.6	97.0	39.9	15.2	42.0
Sales workers	100.0	.6	11.5	87.9	45.0	12.5	30.4
Clerical workers	100.0	1.2	10.2	88.7	64.2	12.2	12.2
Blue-collar workers	100.0	3.0	6.5	90.5	57.6	15.9	17.0
Craftsmen and kindred workers	100.0	2.4	3.2	94.4	60.5	16.6	17.3
Operatives, except transport	100.0	2.2	5.4	92.4	59.6	18.1	14.7
Transport equipment operatives	100.0	3.3	5.2	91.5	46.4	16.2	28.8
Nonfarm laborers	100.0	5.9	17.8	76.2	55.7	9.9	10.7
Service workers	100.0	2.8	21.4	75.9	51.5	9.6	14.7
Private household	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers	100.0	2.6	21.3	76.0	51.7	9.7	14.6
FEMALE							
White-collar workers	100.0	2.2	22.6	75.1	61.3	7.0	5.0
Professional and technical	100.0	1.7	20.6	77.6	55.6	9.9	12.2
Managers and administrators, except farm	100.0	1.4	12.8	85.9	54.7	10.9	20.3
Sales workers	100.0	4.8	45.0	50.2	39.3	5.0	5.9
Clerical workers	100.0	2.0	20.2	77.8	69.3	5.7	2.8
Blue-collar workers	100.0	6.1	11.1	82.8	65.8	12.0	6.8
Craftsmen and kindred workers	100.0	3.9	17.2	78.9	57.1	13.3	8.6
Operatives, except transport	100.0	6.3	8.1	85.7	69.1	12.3	4.3
Transport equipment operatives	100.0	7.1	47.9	45.0	27.1	5.7	12.1
Nonfarm laborers	100.0	6.5	26.9	66.7	49.5	9.3	7.9
Service workers	100.0	7.2	38.2	54.6	43.1	5.9	5.7
Private household	100.0	13.0	51.7	35.3	24.2	3.6	7.5
Other service workers	100.0	5.7	34.8	59.5	47.9	6.4	5.2

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

A-27: Employment status of 14-15 year-olds by sex and color

October 1972

(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population	8,295	4,217	4,077	7,094	3,618	3,476	1,201	600	601
Civilian labor force	1,417	778	640	1,319	720	599	98	58	40
Employed	1,260	679	581	1,206	641	565	54	39	16
Agriculture	173	146	27	159	135	24	14	10	4
Nonagricultural industries	1,087	534	553	1,047	506	541	40	28	12
Unemployed	157	98	59	113	79	34	44	20	25
Not in labor force	6,877	3,439	3,438	5,775	2,898	2,877	1,102	541	561
Keeping house	65	9	56	59	10	49	6	--	7
Going to school	6,664	3,336	3,328	5,589	2,806	2,783	1,075	530	545
Unable to work	16	10	6	13	7	5	4	3	1
All other reasons	132	84	48	115	75	40	18	9	8

A-28: Employed 14-15 year-olds by sex, class of worker, and major occupational group

October 1972

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total	1,260	679	581	100.0	100.0	100.0
Nonagricultural industries	1,087	534	553	86.3	78.6	95.2
Wage and salary workers	979	444	534	77.7	65.3	91.9
Private household workers	514	99	414	40.8	14.5	71.3
Government workers	17	10	8	1.3	1.5	1.4
Other wage and salary workers	448	336	112	35.6	49.3	19.3
Self-employed workers	100	86	15	7.9	12.6	2.6
Unpaid family workers	8	4	4	.6	.6	.7
Agriculture	173	146	27	13.7	21.4	4.8
Wage and salary workers	81	75	6	6.4	11.0	1.0
Self-employed workers	14	13	1	1.1	1.9	.2
Unpaid family workers	78	58	21	6.2	8.5	3.6
OCCUPATION						
Total	1,260	679	581	100.0	100.0	100.0
White-collar workers	291	225	66	23.1	33.1	11.5
Professional and technical	10	1	10	.8	.1	1.7
Managers and administrators, except farm	3	2	1	.2	.3	.2
Sales workers	225	201	24	17.9	29.6	4.1
Clerical workers	53	21	32	4.2	3.1	5.5
Blue-collar workers	213	197	16	17.0	29.1	2.7
Craftsmen and kindred workers	7	7	--	.6	1.0	--
Operatives, except transport	37	28	8	2.9	4.1	1.4
Transport equipment operatives	--	--	--	--	--	--
Nonfarm laborers	170	163	8	13.5	24.0	1.4
Service workers	603	130	472	47.8	19.1	81.1
Private household workers	434	21	413	34.4	3.1	71.0
Other service workers	168	109	59	13.3	16.0	10.1
Farm workers	153	127	26	12.1	18.7	4.6
Farmers and farm managers	2	2	--	.2	.3	--
Farm laborers and foremen	151	125	27	12.0	18.4	4.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-29: Employment status of the noninstitutional population by sex and age, seasonally adjusted
(In thousands)

Employment status, sex, and age	1972												1971	
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	
Total														
Total labor force	89,691	89,454	89,256	88,855	88,788	88,905	88,747	88,817	88,075	88,301	87,883	87,812	87,467	
Civilian labor force	87,276	87,049	86,860	86,467	86,395	86,486	86,284	86,313	85,535	85,707	85,225	85,116	84,750	
Employed	82,482	82,222	81,973	81,682	81,667	81,394	81,205	81,241	80,623	80,636	80,098	80,020	79,832	
Agriculture	3,660	3,575	3,625	3,445	3,337	3,353	3,324	3,482	3,357	3,393	3,400	3,419	3,416	
Nonagricultural industries	78,822	78,647	78,348	78,237	78,330	78,041	77,881	77,759	77,266	77,243	76,698	76,601	76,416	
On part time for economic reasons	2,302	2,340	2,488	2,509	2,521	2,421	2,558	2,416	2,303	2,429	2,388	2,604	2,502	
Usually work full time	1,041	1,058	1,082	1,085	1,022	1,102	1,131	1,155	1,127	1,146	1,084	1,263	1,148	
Usually work part time	1,261	1,282	1,406	1,424	1,499	1,319	1,427	1,261	1,176	1,283	1,304	1,341	1,354	
Unemployed	4,794	4,827	4,887	4,785	4,728	5,092	5,079	5,072	4,912	5,071	5,127	5,096	4,918	
Men, 20 years and over														
Total labor force	51,249	51,115	50,978	50,979	50,904	50,760	50,711	50,714	50,373	50,498	50,463	50,527	50,530	
Civilian labor force	49,227	49,083	48,954	48,961	48,882	48,700	48,614	48,582	48,181	48,259	48,169	48,200	48,179	
Employed	47,303	47,204	47,063	47,032	46,919	46,628	46,541	46,569	46,255	46,247	46,080	46,066	46,124	
Agriculture	2,663	2,629	2,550	2,474	2,437	2,404	2,370	2,400	2,394	2,442	2,439	2,503	2,494	
Nonagricultural industries	44,640	44,575	44,513	44,558	44,482	44,224	44,171	44,169	43,861	43,805	43,641	43,563	43,630	
Unemployed	1,924	1,879	1,891	1,929	1,963	2,072	2,073	2,013	1,926	2,012	2,089	2,134	2,055	
Women, 20 years and over														
Civilian labor force	29,958	29,915	29,990	29,789	29,657	29,625	29,508	29,574	29,358	29,424	29,284	29,254	29,082	
Employed	28,322	28,296	28,334	28,078	28,029	27,883	27,913	27,972	27,878	27,794	27,592	27,571	27,471	
Agriculture	575	561	604	556	496	551	563	620	575	564	547	528	530	
Nonagricultural industries	27,747	27,735	27,730	27,522	27,533	27,332	27,350	27,352	27,303	27,230	27,045	27,043	26,941	
Unemployed	1,636	1,619	1,656	1,711	1,628	1,742	1,595	1,602	1,480	1,630	1,692	1,683	1,611	
Both sexes, 16-19 years														
Civilian labor force	8,091	8,051	7,916	7,717	7,856	8,161	8,162	8,157	7,996	8,024	7,772	7,662	7,489	
Employed	6,857	6,722	6,576	6,572	6,719	6,883	6,751	6,700	6,490	6,595	6,426	6,383	6,237	
Agriculture	422	385	471	415	404	398	391	462	388	387	414	388	392	
Nonagricultural industries	6,435	6,337	6,105	6,157	6,315	6,485	6,360	6,238	6,102	6,208	6,012	5,995	5,845	
Unemployed	1,234	1,329	1,340	1,145	1,137	1,278	1,411	1,457	1,506	1,429	1,346	1,279	1,252	

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-30: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1972												1971	
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	
Full time														
Total, 16 years and over:														
Civilian labor force	74,805	74,195	74,201	74,218	74,333	74,032	73,691	73,714	72,997	73,261	73,170	73,020	72,550	
Employed	71,085	70,482	70,423	70,437	70,643	69,918	69,725	69,734	69,123	69,279	69,023	68,889	68,643	
Unemployed	3,720	3,713	3,778	3,781	3,690	4,114	3,966	3,980	3,874	3,982	4,147	4,131	3,907	
Unemployment rate	5.0	5.0	5.1	5.1	5.0	5.6	5.4	5.4	5.3	5.4	5.7	5.7	5.4	
Men, 20 years and over:														
Civilian labor force	46,788	46,573	46,539	46,588	46,504	46,330	46,199	46,123	45,847	45,892	45,805	45,898	45,766	
Employed	45,015	44,859	44,801	44,821	44,745	44,441	44,330	44,282	44,074	44,061	43,881	43,909	43,848	
Unemployed	1,773	1,714	1,738	1,767	1,759	1,889	1,869	1,841	1,773	1,831	1,924	1,989	1,918	
Unemployment rate	3.8	3.7	3.7	3.8	3.8	4.1	4.0	4.0	3.9	4.0	4.2	4.3	4.2	
Women, 20 years and over:														
Civilian labor force	23,475	23,322	23,433	23,477	23,483	23,292	23,145	23,208	22,921	23,009	22,992	22,985	22,735	
Employed	22,208	20,067	22,119	22,093	22,180	21,828	21,896	21,904	21,691	21,704	21,680	21,643	21,464	
Unemployed	1,267	1,255	1,314	1,384	1,303	1,464	1,249	1,304	1,230	1,305	1,312	1,342	1,271	
Unemployment rate	5.4	5.4	5.6	5.9	5.5	6.3	5.4	5.6	5.4	5.7	5.7	5.8	5.6	
Part time														
Total, 16 years and over:														
Civilian labor force	12,506	12,983	12,759	12,208	11,867	12,406	12,466	12,596	12,540	12,595	12,083	12,125	12,190	
Employed	11,427	11,866	11,630	11,211	10,825	11,403	11,369	11,497	11,482	11,476	11,072	11,094	11,158	
Unemployed	1,079	1,117	1,129	997	1,042	1,003	1,097	1,099	1,058	1,119	1,011	1,031	1,032	
Unemployment rate	8.6	8.6	8.8	8.2	8.8	8.1	8.8	8.7	8.4	8.9	8.4	8.5	8.5	

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.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-31: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1972											1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	
White														
Total:														
Civilian labor force	77,680	77,502	77,236	76,831	76,722	76,846	76,735	76,735	76,096	76,419	75,939	75,751	75,327	
Employed	73,819	73,643	73,286	72,987	72,864	72,768	72,567	72,674	72,186	72,347	71,822	71,542	71,349	
Unemployed	3,861	3,859	3,950	3,844	3,858	4,078	4,168	4,061	3,910	4,072	4,117	4,209	3,978	
Unemployment rate	5.0	5.0	5.1	5.0	5.0	5.3	5.4	5.3	5.1	5.3	5.4	5.6	5.3	
Males, 20 years and over:														
Civilian labor force	44,304	44,238	44,063	44,063	44,007	43,857	43,808	43,772	43,456	43,625	43,395	43,365	43,326	
Employed	42,658	42,682	42,501	42,520	42,318	42,164	42,067	42,095	41,858	41,924	41,739	41,622	41,633	
Unemployed	1,646	1,556	1,562	1,543	1,689	1,693	1,741	1,677	1,598	1,701	1,656	1,743	1,693	
Unemployment rate	3.7	3.5	3.5	3.5	3.8	3.9	4.0	3.8	3.7	3.9	3.8	4.0	3.9	
Females, 20 years and over:														
Civilian labor force	26,068	26,048	26,152	25,926	25,693	25,737	25,661	25,692	25,480	25,581	25,584	25,449	25,269	
Employed	24,821	24,808	24,824	24,504	24,427	24,345	24,341	24,444	24,328	24,338	24,168	24,075	23,999	
Unemployed	1,247	1,240	1,328	1,422	1,266	1,392	1,320	1,248	1,152	1,243	1,416	1,374	1,270	
Unemployment rate	4.8	4.8	5.1	5.5	4.9	5.4	5.1	4.9	4.5	4.9	5.5	5.4	5.0	
Both sexes, 16 to 19 years:														
Civilian labor force	7,308	7,216	7,021	6,842	7,022	7,252	7,266	7,271	7,160	7,213	6,960	6,937	6,732	
Employed	6,340	6,153	5,961	5,963	6,119	6,259	6,159	6,135	6,000	6,085	5,915	5,883	5,717	
Unemployed	968	1,063	1,060	879	903	993	1,107	1,136	1,160	1,128	1,045	1,092	1,015	
Unemployment rate	13.2	14.7	15.1	12.8	12.9	13.7	15.2	15.6	16.2	15.6	15.0	15.7	15.1	
Negro and other races														
Total:														
Civilian labor force	9,628	9,584	9,596	9,593	9,605	9,657	9,469	9,588	9,516	9,415	9,304	9,365	9,445	
Employed	8,652	8,606	8,664	8,642	8,706	8,626	8,562	8,582	8,514	8,414	8,335	8,483	8,463	
Unemployed	976	978	932	951	899	1,031	907	1,006	1,002	1,001	969	882	982	
Unemployment rate	10.1	10.2	9.7	9.9	9.4	10.7	9.6	10.5	10.5	10.6	10.4	9.4	10.4	
Males, 20 years and over:														
Civilian labor force	4,912	4,867	4,873	4,896	4,874	4,851	4,801	4,822	4,778	4,701	4,761	4,810	4,842	
Employed	4,608	4,544	4,545	4,509	4,567	4,466	4,467	4,480	4,445	4,381	4,381	4,444	4,453	
Unemployed	304	323	328	387	307	385	334	342	333	320	380	364	389	
Unemployment rate	6.2	6.6	6.7	7.9	6.3	7.9	7.0	7.1	7.0	6.8	8.0	7.6	8.0	
Females, 20 years and over:														
Civilian labor force	3,906	3,888	3,824	3,832	3,890	3,925	3,819	3,887	3,897	3,908	3,751	3,801	3,821	
Employed	3,510	3,498	3,500	3,527	3,539	3,557	3,542	3,541	3,579	3,516	3,448	3,494	3,478	
Unemployed	396	390	324	305	351	368	277	346	318	392	303	307	343	
Unemployment rate	10.1	10.0	8.5	8.0	9.0	9.4	7.3	8.9	8.2	10.0	8.1	8.1	9.0	
Both sexes, 16 to 19 years:														
Civilian labor force	810	829	899	865	841	881	849	879	841	806	792	754	782	
Employed	534	564	619	606	600	603	553	561	490	517	506	543	532	
Unemployed	276	265	280	259	241	278	296	318	351	289	286	211	250	
Unemployment rate	34.1	32.0	31.1	29.9	28.7	31.6	34.9	36.2	41.7	35.9	36.1	28.0	32.0	

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-32: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1972											1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	
Less than 5 weeks	2,256	2,369	2,254	2,149	2,175	2,223	2,169	2,311	2,142	2,358	2,410	2,290	2,140	
5 to 14 weeks	1,447	1,385	1,505	1,478	1,437	1,514	1,521	1,412	1,454	1,502	1,509	1,650	1,529	
15 weeks and over	1,095	1,137	1,188	1,155	1,148	1,180	1,137	1,224	1,294	1,198	1,273	1,311	1,253	
15 to 26 weeks	545	587	644	658	594	587	482	591	634	636	724	741	628	
27 weeks and over	550	550	544	497	554	593	655	633	660	562	549	570	625	
Average (mean) duration	11.6	12.2	12.1	11.8	13.5	12.5	12.4	12.4	12.5	11.8	11.4	11.8	12.5	

A-33: Major unemployment indicators, seasonally adjusted
(Unemployment rates)

Selected categories	1972										1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
Total (all civilian workers)	5.5	5.5	5.6	5.5	5.5	5.9	5.9	5.9	5.7	5.9	6.0	6.0	5.8
Men, 20 years and over	3.9	3.8	3.9	3.9	4.0	4.3	4.3	4.1	4.0	4.2	4.3	4.4	4.3
Women, 20 years and over	5.5	5.4	5.5	5.7	5.5	5.9	5.4	5.4	5.0	5.5	5.8	5.8	5.5
Both sexes, 16-19 years	15.3	16.5	16.9	14.8	14.5	15.7	17.3	17.9	18.8	17.8	17.3	16.7	16.7
White	5.0	5.0	5.1	5.0	5.0	5.3	5.4	5.3	5.1	5.3	5.4	5.6	5.3
Negro and other races	10.1	10.2	9.7	9.9	9.4	10.7	9.6	10.5	10.5	10.6	10.4	9.4	10.4
Household heads	3.4	3.3	3.3	3.3	3.6	3.6	3.4	3.4	3.3	3.5	3.8	3.6	3.5
Married men	2.8	2.8	2.6	2.7	2.9	2.9	2.9	2.8	2.8	3.0	3.2	3.3	3.0
Full-time workers	5.0	5.0	5.1	5.1	5.0	5.6	5.4	5.4	5.3	5.4	5.7	5.7	5.4
Part-time workers	8.6	8.6	8.8	8.2	8.8	8.1	8.8	8.7	8.4	8.9	8.4	8.5	8.5
Unemployed 15 weeks and over ¹	1.3	1.3	1.4	1.3	1.3	1.4	1.3	1.4	1.5	1.4	1.5	1.5	1.5
State insured ²	3.3	3.4	3.4	3.8	3.6	3.7	3.6	3.5	3.5	3.4	4.1	4.1	4.4
Labor force time lost ³	6.0	5.9	6.2	6.0	5.5	6.3	6.3	6.3	6.1	6.4	6.4	6.4	6.3
Occupation													
White-collar workers	3.6	3.3	3.5	3.4	3.1	3.6	3.4	3.5	3.3	3.6	3.6	3.4	3.4
Professional and technical	2.8	2.2	2.4	2.5	1.9	2.4	2.3	2.5	2.5	3.1	2.9	2.9	3.1
Managers and administrators, except farm	2.1	1.7	1.8	1.9	1.4	1.5	1.8	1.9	1.7	1.9	1.8	1.9	1.7
Sales workers	4.2	4.7	4.8	4.3	4.0	4.5	3.7	4.1	4.0	4.4	4.0	3.9	3.9
Clerical workers	4.8	4.7	4.9	4.6	4.8	5.3	4.9	4.9	4.7	4.7	4.9	4.6	4.7
Blue-collar workers	5.9	6.1	6.5	6.4	6.4	6.8	6.8	6.9	7.0	7.1	7.5	7.5	7.1
Craftsmen and kindred workers	4.0	4.2	4.4	4.3	4.5	4.7	4.4	4.0	4.4	4.3	4.8	4.6	4.7
Operatives	6.4	6.4	6.7	7.1	6.8	7.1	7.4	7.7	7.5	7.9	8.2	8.2	7.8
Nonfarm laborers	9.2	9.6	10.9	9.3	9.5	10.9	10.7	11.7	11.8	11.6	11.9	11.8	10.6
Service workers	6.2	7.3	6.3	6.6	5.7	6.1	6.3	6.6	5.9	6.1	6.4	6.6	6.0
Farm workers	3.1	2.9	2.7	2.2	2.6	3.0	2.2	1.9	2.7	2.8	2.7	3.7	1.9
Industry													
Nonagricultural private wage and salary workers ⁴	5.6	5.6	5.8	5.8	5.5	6.0	5.9	6.1	5.9	6.1	6.3	6.2	5.9
Construction	10.6	9.2	11.6	10.9	9.5	12.5	10.6	9.8	10.3	9.8	11.2	9.7	10.2
Manufacturing	5.0	5.1	5.4	5.7	5.6	6.0	5.8	6.2	6.0	6.4	6.9	6.6	6.2
Durable goods	4.5	4.8	5.0	5.7	5.7	6.3	5.8	6.3	6.1	6.7	6.7	6.7	6.4
Nondurable goods	5.8	5.5	6.0	5.6	5.5	5.7	5.9	6.1	6.0	6.0	7.1	6.3	5.8
Transportation and public utilities	3.5	3.7	3.8	3.6	3.1	3.5	3.7	4.0	3.9	4.1	4.1	4.4	4.3
Wholesale and retail trade	6.4	6.7	6.6	6.5	6.5	6.3	6.2	6.7	6.2	6.3	6.5	6.6	6.1
Finance and service industries	4.9	4.7	4.7	4.6	4.2	5.0	5.1	5.3	4.9	5.3	4.9	5.1	4.9
Government workers	3.2	3.2	3.0	2.8	2.5	2.9	2.9	2.8	2.8	3.0	3.2	3.2	3.2
Agricultural wage and salary workers	9.6	8.9	6.5	6.0	7.5	8.8	6.0	6.0	8.3	8.6	7.5	9.6	7.0

¹ Unemployment rate calculated as a percent of civilian labor force.

² Insured unemployment under State programs as a percent of average covered employment. As with the other statistics presented, insured unemployment data relate to the week containing the 12th.

³ Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.

⁴ Includes mining, not shown separately.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**
A-34: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1972											1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	
Total, 16 years and over	5.5	5.5	5.6	5.5	5.5	5.9	5.9	5.9	5.7	5.9	6.0	6.0	5.8	
16 to 19 years	15.3	16.5	16.9	14.8	14.5	15.7	17.3	17.9	18.8	17.8	17.3	16.7	16.7	
16 and 17 years	18.3	19.9	20.5	16.5	16.5	16.6	19.1	20.7	22.0	19.1	18.8	18.3	19.9	
18 and 19 years	13.2	14.1	14.0	13.5	12.9	15.8	15.5	15.8	16.7	16.8	16.3	15.4	14.5	
20 to 24 years	9.1	9.1	9.0	9.8	8.7	9.9	10.0	9.9	8.8	10.1	10.1	10.4	9.2	
25 years and over	3.6	3.5	3.6	3.7	3.9	3.9	3.8	3.7	3.6	3.7	4.1	4.0	4.0	
25 to 34 years	3.7	3.7	3.7	3.8	4.0	4.0	3.8	3.9	3.7	3.9	4.3	4.2	4.3	
35 years and over	3.5	3.1	3.7	3.4	3.6	3.6	3.6	3.3	3.1	3.1	3.4	3.4	3.0	
Males, 16 years and over	4.8	4.9	4.9	4.7	4.8	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.3	
16 to 19 years	14.1	15.9	16.5	13.6	13.8	16.6	16.7	17.8	19.6	17.3	17.3	16.2	16.5	
16 and 17 years	17.5	20.8	20.0	14.6	15.4	18.0	19.3	21.4	21.8	18.7	19.0	18.1	20.3	
18 and 19 years	11.7	12.3	13.2	12.8	12.4	16.2	14.8	15.1	17.6	16.1	16.0	14.7	13.7	
20 to 24 years	8.9	8.6	8.5	9.6	8.3	9.4	10.7	10.4	9.2	10.4	10.5	10.7	9.7	
25 years and over	3.1	3.0	3.1	3.0	3.3	3.4	3.3	3.2	3.2	3.2	3.5	3.5	3.5	
25 to 34 years	3.0	3.0	3.0	3.0	3.3	3.4	3.2	3.1	3.2	3.3	3.6	3.7	3.7	
35 years and over	3.6	3.3	3.4	3.1	3.5	3.5	3.5	3.4	3.2	3.0	3.0	3.2	2.9	
Females, 16 years and over	6.6	6.7	6.8	6.9	6.5	6.8	6.8	6.8	6.4	6.9	7.0	6.9	6.7	
16 to 19 years	16.7	17.3	17.5	16.4	15.4	14.6	18.0	17.9	17.9	18.4	17.3	17.3	17.0	
16 and 17 years	19.3	18.6	21.3	18.9	18.1	14.8	19.0	19.8	22.3	19.6	18.5	18.7	19.2	
18 and 19 years	15.0	16.3	14.9	14.4	13.5	15.3	16.4	16.8	15.6	17.7	16.7	16.2	15.6	
20 to 24 years	9.5	9.6	9.5	10.1	9.2	10.6	9.0	9.2	8.4	9.6	9.6	10.0	8.6	
25 years and over	4.5	4.5	4.6	4.8	4.8	4.8	4.6	4.7	4.3	4.6	5.0	4.8	4.9	
25 to 34 years	4.8	4.9	4.8	5.1	5.1	5.0	4.9	5.1	4.7	4.9	5.4	5.2	5.3	
35 years and over	3.4	2.9	4.3	4.0	3.8	3.8	3.6	3.1	2.9	3.3	3.9	3.7	3.0	

A-35: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1972											1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	
Number of unemployed														
Lost last job	1,942	2,121	2,244	2,093	2,210	2,199	2,040	2,118	2,077	2,169	2,365	2,360	2,206	
Left last job	666	635	644	616	624	649	611	674	603	564	666	629	541	
Reentered labor force	1,490	1,452	1,427	1,455	1,238	1,460	1,557	1,542	1,503	1,652	1,432	1,493	1,486	
Never worked before	649	649	640	564	621	802	917	737	713	742	736	651	663	
Percent distribution														
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	
Lost last job	40.9	43.7	45.3	44.3	47.1	43.0	39.8	41.8	42.4	42.3	45.5	46.0	45.1	
Left last job	14.0	13.1	13.0	13.0	13.3	12.7	11.9	13.3	12.3	11.0	12.8	12.3	11.0	
Reentered labor force	31.4	29.9	28.8	30.8	26.4	28.6	30.4	30.4	30.7	32.2	27.5	29.1	30.4	
Never worked before	13.7	13.4	12.9	11.9	13.2	15.7	17.9	14.5	14.6	14.5	14.2	12.7	13.5	
Unemployed as a percent of the civilian labor force														
Lost last job	2.2	2.4	2.6	2.4	2.6	2.5	2.4	2.5	2.4	2.5	2.8	2.8	2.6	
Left last job .....	.8	.7	.7	.7	.7	.8	.7	.8	.7	.7	.8	.7	.6
Reentered labor force	1.7	1.7	1.6	1.7	1.4	1.7	1.8	1.8	1.8	1.9	1.7	1.8	1.8	
Never worked before .....	.7	.7	.7	.7	.7	.9	1.1	.9	.9	.9	.9	.8	.8

A-36: Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1972										1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
Total													
16 years and over	82,482	82,222	81,973	81,682	81,667	81,394	81,205	81,241	80,623	80,636	80,098	80,020	79,832
16 to 19 years	6,857	6,722	6,576	6,572	6,719	6,883	6,751	6,700	6,490	6,595	6,426	6,383	6,237
16 and 17 years	2,768	2,748	2,692	2,700	2,747	2,891	2,787	2,736	2,688	2,836	2,655	2,712	2,551
18 and 19 years	4,101	3,975	3,884	3,876	3,955	3,986	3,939	3,953	3,817	3,791	3,760	3,688	3,695
20 to 24 years	11,234	11,049	11,005	10,835	10,923	10,777	10,658	10,614	10,586	10,513	10,486	10,338	10,489
25 years and over	64,425	64,473	64,361	64,180	63,934	63,769	63,802	63,970	63,567	63,603	63,228	63,334	63,131
25 to 54 years	50,390	50,367	50,323	50,176	49,944	49,914	49,853	49,921	49,613	49,478	49,157	49,181	49,031
55 years and over	14,028	14,113	14,019	13,937	13,905	13,887	13,903	14,087	13,990	14,231	14,077	14,115	14,091
Male													
16 years and over	51,226	51,025	50,771	50,677	50,679	50,347	50,252	50,271	49,824	49,902	49,669	49,726	49,681
16 to 19 years	3,923	3,821	3,708	3,645	3,760	3,719	3,711	3,702	3,569	3,655	3,589	3,660	3,557
16 and 17 years	1,605	1,568	1,588	1,571	1,610	1,596	1,561	1,551	1,525	1,591	1,545	1,589	1,489
18 and 19 years	2,322	2,253	2,090	2,080	2,136	2,160	2,118	2,154	2,054	2,084	2,056	2,079	2,071
20 to 24 years	6,279	6,187	6,094	6,047	6,110	5,990	5,917	5,929	5,862	5,821	5,819	5,680	5,749
25 years and over	41,002	41,025	40,936	40,920	40,734	40,651	40,628	40,676	40,435	40,467	40,319	40,403	40,348
25 to 54 years	32,158	32,140	32,072	32,068	31,889	31,824	31,791	31,724	31,594	31,504	31,440	31,482	31,460
55 years and over	8,864	8,903	8,835	8,832	8,819	8,810	8,829	8,970	8,840	9,015	8,877	8,924	8,906
Female													
16 years and over	31,256	31,197	31,202	31,005	30,988	31,047	30,953	30,970	30,799	30,734	30,429	30,294	30,151
16 to 19 years	2,934	2,901	2,868	2,927	2,959	3,164	3,040	2,998	2,921	2,940	2,837	2,723	2,680
16 and 17 years	1,163	1,180	1,104	1,129	1,137	1,295	1,223	1,185	1,163	1,245	1,110	1,123	1,062
18 and 19 years	1,779	1,722	1,774	1,796	1,819	1,826	1,821	1,799	1,763	1,707	1,704	1,609	1,624
20 to 24 years	4,955	4,862	4,911	4,788	4,813	4,787	4,741	4,685	4,724	4,692	4,667	4,658	4,740
25 years and over	23,423	23,448	23,425	23,260	23,200	23,118	23,174	23,294	23,132	23,136	22,909	22,941	22,783
25 to 54 years	18,232	18,227	18,251	18,108	18,055	18,090	18,062	18,197	18,019	17,974	17,717	17,699	17,571
55 years and over	5,164	5,210	5,184	5,105	5,086	5,077	5,074	5,117	5,150	5,216	5,200	5,191	5,185

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-37: Employed persons by major occupational group, seasonally adjusted

(In thousands)

Occupational group	1972										1971		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
White-collar workers	39,425	39,561	39,353	39,113	38,704	38,776	38,884	38,661	38,883	38,587	38,341	38,800	38,699
Professional & technical..	11,492	11,693	11,738	11,424	11,432	11,318	11,412	11,374	11,256	11,065	11,143	11,268	11,166
Managers and adminis-	8,118	7,999	8,086	8,058	7,847	7,883	7,849	7,895	8,049	8,020	8,067	8,824	8,946
trators, except farm ..	5,407	5,436	5,315	5,355	5,258	5,434	5,389	5,276	5,311	5,314	5,228	5,126	5,046
Sales workers	14,408	14,433	14,214	14,276	14,167	14,141	14,234	14,116	14,267	14,188	13,903	13,582	13,541
Blue-collar workers	28,849	28,662	28,479	28,474	28,872	28,603	28,309	28,666	28,015	28,203	27,804	27,404	27,362
Craftsmen and kindred	10,724	10,773	10,752	10,736	10,892	10,829	10,777	11,008	10,826	10,897	10,861	10,184	10,073
workers	13,731	13,607	13,465	13,442	13,642	13,603	13,425	13,483	13,181	13,373	13,148	13,131	13,068
Operatives,	4,394	4,282	4,262	4,296	4,338	4,171	4,107	4,175	4,008	3,933	3,795	4,089	4,221
Nonfarm laborers	10,943	10,936	10,989	11,083	11,166	11,086	10,981	10,858	10,787	10,911	10,793	10,730	10,729
Service workers	3,250	3,154	3,187	3,006	2,902	2,924	2,957	3,074	2,985	3,031	3,019	3,010	3,041
Farmers and farm laborers..													

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

-Data for 1972 represent the sum of transport equipment operatives and operatives, except transport.

A-38: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old

Employment status	(Numbers in thousands)								
	Oct. 1972	Sept. 1972	Oct. 1971	Seasonally adjusted					
				Oct. 1972	Sept. 1972	Aug. 1972	July 1972	June 1972	Oct. 1971
Veterans¹									
Total, 20 to 29 years old									
Civilian noninstitutional population ²	4,624	4,596	4,252	4,624	4,596	4,574	4,551	4,529	4,252
Civilian labor force	4,281	4,283	3,876	4,308	4,288	4,233	4,206	4,183	3,910
Employed	4,045	4,043	3,606	4,032	4,003	3,905	3,898	3,881	3,598
Unemployed	236	240	270	276	285	328	308	302	312
Unemployment rate	5.5	5.6	7.0	6.4	6.6	7.7	7.3	7.2	8.0
20 to 24 years									
Civilian noninstitutional population ²	1,885	1,897	1,991	1,885	1,897	1,913	1,928	1,943	1,991
Civilian labor force	1,678	1,713	1,774	1,692	1,720	1,739	1,745	1,775	1,790
Employed	1,541	1,574	1,606	1,550	1,566	1,521	1,559	1,600	1,616
Unemployed	137	139	168	142	154	218	186	175	174
Unemployment rate	8.2	8.1	9.5	8.4	9.0	12.5	10.7	9.9	9.7
25 to 29 years									
Civilian noninstitutional population ²	2,739	2,699	2,261	2,739	2,699	2,661	2,623	2,586	2,261
Civilian labor force	2,603	2,570	2,102	2,616	2,568	2,494	2,461	2,408	2,120
Employed	2,504	2,469	2,000	2,482	2,437	2,384	2,339	2,281	1,982
Unemployed	99	101	102	134	131	110	122	127	138
Unemployment rate	3.8	3.9	4.9	5.1	5.1	4.4	5.0	5.3	6.5
Nonveterans									
Total, 20 to 29 years old									
Civilian noninstitutional population ²	10,209	10,155	9,515	10,209	10,155	10,121	10,085	10,036	9,515
Civilian labor force	8,862	8,841	8,159	8,994	8,800	8,729	8,715	8,677	8,284
Employed	8,331	8,305	7,621	8,400	8,262	8,187	8,149	8,110	7,680
Unemployed	531	536	538	594	538	542	566	567	604
Unemployment rate	6.0	6.1	6.6	6.6	6.1	6.2	6.5	6.5	7.3
20 to 24 years									
Civilian noninstitutional population ²	6,194	6,140	5,592	6,194	6,140	6,113	6,086	6,065	5,592
Civilian labor force	5,053	5,041	4,436	5,175	5,006	4,923	4,909	4,904	4,546
Employed	4,648	4,642	4,055	4,728	4,614	4,524	4,485	4,512	4,125
Unemployed	405	399	381	447	392	399	424	392	421
Unemployment rate	8.0	7.9	8.6	8.6	7.8	8.1	8.6	8.0	9.3
25 to 29 years									
Civilian noninstitutional population ²	4,015	4,015	3,923	4,015	4,015	4,008	3,999	3,971	3,923
Civilian labor force	3,809	3,800	3,723	3,819	3,794	3,806	3,806	3,773	3,738
Employed	3,683	3,663	3,566	3,672	3,648	3,663	3,664	3,598	3,555
Unemployed	126	137	157	147	146	143	142	175	183
Unemployment rate	3.3	3.6	4.2	3.8	3.8	3.8	3.7	4.6	4.9

¹ Vietnam Era veterans are those who served after August 4, 1964; they are all classified as war veterans. 79 percent of the Vietnam Era veterans of all ages are 20 to 29 years old. Post-Korean-peace-time veterans 20 to 29 years old are not included in this table.

² Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry

SIC CODE	Industry	(In thousands)										
		All employees					Production workers ¹					
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	
-	TOTAL	74,064	73,569	72,975	71,378	71,162	-	-	-	-	-	
-	PRIVATE SECTOR	60,469	60,341	60,295	58,340	58,482	50,117	50,004	49,952	48,256	48,396	
-	MINING	605	612	616	520	625	458	464	467	372	474	
10	METAL MINING	-	87.0	84.7	91.4	83.7	-	69.3	67.2	72.9	65.3	
101	Iron ores	-	20.9	19.3	23.5	23.9	-	16.9	15.3	19.0	19.4	
102	Copper ores	-	39.4	40.0	39.1	30.3	-	31.3	31.8	31.0	22.4	
11,12	COAL MINING	-	145.3	145.8	51.5	160.6	-	123.4	123.6	30.8	138.2	
12	Bituminous coal and lignite mining	-	141.6	142.2	46.4	155.5	-	120.2	120.5	26.3	133.7	
13	OIL AND GAS EXTRACTION	-	262.8	267.6	263.1	264.1	-	175.3	178.5	173.8	173.7	
131,2	Crude petroleum and natural gas fields	-	136.2	140.4	140.0	141.7	-	69.8	72.6	72.0	72.4	
138	Oil and gas field services	-	126.6	127.2	123.1	122.4	-	105.5	105.9	101.8	101.3	
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	116.9	118.0	114.1	116.2	-	96.2	97.3	94.3	96.3	
142	Crushed and broken stone	-	40.9	41.3	40.0	40.9	-	34.5	35.1	34.1	34.7	
144	Sand and gravel	-	40.6	41.2	38.7	39.3	-	-	-	-	-	
	CONTRACT CONSTRUCTION	3,760	3,781	3,838	3,684	3,663	3,138	3,160	3,209	3,090	3,075	
	GENERAL BUILDING CONTRACTORS	-	1,100.4	1,120.0	1,084.0	1,066.2	-	912.7	931.0	903.4	888.9	
16	HEAVY CONSTRUCTION CONTRACTORS	-	857.7	871.6	810.1	814.3	-	741.5	754.3	696.8	701.3	
161	Highway and street construction	-	413.0	421.0	396.5	401.1	-	369.5	376.5	352.9	357.4	
162	Heavy construction, n e c	-	444.7	450.6	413.6	413.2	-	372.0	377.8	343.9	343.9	
17	SPECIAL TRADE CONTRACTORS	-	1,822.7	1,846.6	1,790.1	1,782.8	-	1,505.7	1,523.5	1,490.2	1,485.0	
171	Plumbing, heating, air conditioning	-	443.8	446.6	440.0	435.6	-	350.1	350.8	351.3	348.5	
172	Painting, paper hanging, decorating	-	137.2	144.9	132.5	135.1	-	119.8	127.0	115.8	118.6	
173	Electrical work	-	333.0	336.0	308.3	306.9	-	267.9	270.5	246.9	245.8	
174	Masonry, stonework, and plastering	-	211.8	215.4	223.6	223.9	-	191.0	191.3	202.5	202.8	
176	Roofing and sheet metal work	-	126.8	127.3	119.1	116.7	-	104.7	105.1	98.1	95.8	
	MANUFACTURING	19,283	19,281	19,147	18,635	18,757	14,165	14,159	14,023	13,569	13,686	
19,24,25, 32-39	DURABLE GOODS	11,104	11,060	10,930	10,586	10,629	8,122	8,082	7,953	7,642	7,679	
20-23, 26-31	NONDURABLE GOODS	8,179	8,221	8,217	8,049	8,128	6,043	6,077	6,070	5,927	6,007	
	<i>Durable Goods</i>											
19	ORDNANCE AND ACCESSORIES	196.8	193.7	191.7	187.2	189.1	101.5	98.7	97.3	93.2	94.0	
192	Ammunition, except for small arms	(*)	134.2	132.6	128.8	130.2	(*)	61.5	60.5	57.9	58.4	
1925	Complete guided missiles	-	93.0	92.0	87.9	88.2	-	29.1	28.6	26.0	26.1	
1929	Ammunition, exc. for small arms, nec	-	41.2	40.6	40.9	42.0	-	32.4	31.9	31.9	32.3	
24	LUMBER AND WOOD PRODUCTS	622.3	624.6	632.9	603.4	602.9	536.0	538.5	546.6	520.5	520.6	
241	Logging camps & logging contractors	70.5	71.7	72.8	75.2	75.5	-	-	-	-	-	
242	Sawmills and planing mills	217.4	219.2	222.5	216.0	216.2	196.4	198.4	201.8	195.9	196.5	
2421	Sawmills and planing mills, general	-	186.0	189.0	183.6	184.1	-	168.6	171.5	166.7	167.6	
243	Millwork, plywood & related products	210.6	210.8	213.9	194.5	194.6	175.9	176.3	178.8	162.2	162.1	
2431	Millwork	-	89.5	89.8	82.9	83.2	-	73.6	74.0	68.1	68.3	
2432	Veneer and plywood	-	82.8	83.6	75.5	75.4	-	73.3	74.0	67.7	67.5	
244	Wooden containers	(*)	28.3	28.8	28.7	28.8	(*)	25.3	25.9	25.5	25.6	
2441,2	Wooden boxes, shooks, and crates	-	23.0	23.5	22.5	22.8	-	20.6	21.2	20.0	20.3	
249	Miscellaneous wood products	(*)	94.6	94.9	89.0	87.8	(*)	78.1	78.5	73.5	72.8	

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES.....	512.7	502.2	500.8	472.0	467.8	425.1	415.7	414.5	389.1	385.3
251	Household furniture.....	(*)	361.5	360.2	338.3	332.8	(*)	306.5	305.5	286.9	282.0
2511	Wood household furniture.....	—	180.8	180.0	169.7	167.6	—	158.7	157.9	149.0	147.0
2512	Upholstered household furniture.....	—	103.6	102.1	93.8	91.1	—	87.1	85.6	78.5	76.1
2515	Mattresses and bedsprings.....	—	38.2	39.3	39.2	38.6	—	29.3	30.4	30.2	29.9
252	Office furniture.....	—	40.3	39.3	36.8	37.2	—	31.9	30.9	28.2	28.3
254	Partitions and fixtures.....	—	52.3	52.9	49.6	50.5	—	40.3	41.0	37.8	38.8
253,9	Other furniture and fixtures.....	47.9	48.1	48.4	47.3	47.3	36.7	37.0	37.1	36.2	36.2
32	STONE, CLAY, AND GLASS PRODUCTS...	676.7	676.6	679.9	643.3	650.0	542.2	542.3	545.3	512.7	517.8
321	Flat glass.....	—	25.1	24.5	24.2	24.3	—	18.3	18.2	18.0	18.1
322	Glass and glassware, pressed or blown...	137.4	136.9	137.4	126.1	129.8	119.0	118.5	118.8	108.6	111.3
3221	Glass containers.....	—	77.6	78.9	74.7	77.3	—	68.3	69.5	66.4	67.8
3229	Pressed and blown glass, n e c.....	—	59.3	58.5	51.4	52.5	—	50.2	49.3	42.2	43.5
324	Cement; hydraulic.....	33.6	33.9	34.6	33.0	33.6	26.5	26.5	27.2	26.0	26.5
325	Structural clay products.....	59.8	59.8	60.4	58.2	58.1	49.8	50.0	50.4	48.3	48.2
3251	Brick and structural clay tile.....	—	26.5	26.8	25.9	25.8	—	23.0	23.3	22.6	22.5
326	Pottery and related products.....	—	45.0	44.8	42.7	42.6	—	37.8	37.5	35.5	35.3
327	Concrete, gypsum, and plaster products...	204.5	207.4	208.7	198.6	200.3	160.5	163.3	164.4	155.5	157.2
328,9	Other stone and nonmetallic mineral products	(*)	135.4	136.5	129.5	130.5	(*)	101.9	102.8	96.3	96.9
3291	Abrasive products.....	—	26.6	27.0	24.6	24.6	—	18.7	18.9	16.8	16.7
33	PRIMARY METAL INDUSTRIES.....	1,255.5	1,253.9	1,243.5	1,168.7	1,179.6	1,003.6	1,002.0	991.3	913.3	922.2
331	Blast furnace and basic steel products...	(*)	584.0	582.4	520.9	528.5	(*)	467.1	465.4	402.4	408.9
3312	Blast furnaces and steel mills.....	—	503.1	501.3	446.2	450.6	—	403.9	402.2	345.5	348.9
332	Iron and steel foundries.....	(*)	221.9	219.0	214.6	218.6	(*)	184.7	181.4	177.9	181.4
3321	Gray iron foundries.....	—	140.4	137.8	136.2	136.6	—	118.7	116.0	114.6	115.1
3322	Malleable iron foundries.....	—	25.0	24.8	23.2	23.3	—	20.9	20.6	19.5	19.4
3323	Steel foundries.....	—	56.5	56.4	55.2	58.7	—	45.1	44.8	43.8	46.9
333,4	Nonferrous metals.....	(*)	84.2	83.7	85.3	83.5	(*)	65.6	65.0	66.4	64.3
3334	Primary aluminum.....	—	30.0	29.3	29.8	30.8	—	24.8	24.1	24.3	25.3
335	Nonferrous rolling and drawing.....	209.0	208.7	206.4	203.2	205.1	157.8	157.5	154.9	149.8	151.4
3351	Copper rolling and drawing.....	—	39.6	40.0	40.1	41.1	—	30.3	30.5	29.5	30.6
3352	Aluminum rolling and drawing.....	—	67.7	67.6	66.3	66.5	—	50.5	50.4	48.4	48.6
3357	Nonferrous wire drawing and insulating...	—	80.5	78.4	77.0	77.5	—	61.6	59.3	58.2	58.5
336	Nonferrous foundries.....	(*)	85.3	83.3	78.7	78.1	(*)	71.2	69.7	64.7	64.4
3361	Aluminum castings.....	—	44.1	43.1	40.0	39.4	—	37.3	36.5	33.2	32.8
3362,9	Other nonferrous castings.....	—	41.2	40.2	38.7	38.7	—	33.9	33.2	31.5	31.6
339	Miscellaneous primary metal products...	(*)	69.8	68.7	66.0	65.8	(*)	55.9	54.9	52.1	51.8
3391	Iron and steel forgings.....	—	46.3	45.4	43.9	44.6	—	37.7	36.9	35.3	35.7
34	FABRICATED METAL PRODUCTS.....	1,394.9	1,389.5	1,376.0	1,344.3	1,348.9	1,070.1	1,066.5	1,053.2	1,026.2	1,030.8
341	Metal cans.....	66.1	68.8	70.5	68.5	74.3	55.7	58.9	60.3	58.1	64.1
342	Cutlery, hand tools, and hardware.....	156.8	155.3	153.8	148.2	147.1	123.3	121.7	120.5	116.5	115.1
3421,3,5	Cutlery and hand tools, incl. saws.....	—	64.2	64.2	62.3	61.6	—	50.5	50.7	49.0	48.2
3429	Hardware, n e c.....	—	91.1	89.6	85.9	85.5	—	71.2	69.8	67.5	66.9
343	Plumbing and heating, except electric....	80.8	80.7	80.8	78.5	78.2	60.8	60.8	60.9	59.5	58.7
3431,2	Sanitary ware & plumbers' brass goods...	—	38.8	39.0	37.8	37.6	—	31.0	31.1	30.1	29.8
3433	Heating equipment, except electric.....	—	41.9	41.8	40.7	40.6	—	29.8	29.8	29.4	28.9
344	Fabricated structural metal products.....	440.7	441.4	438.9	428.5	430.6	317.4	318.6	316.1	305.5	308.0
3441	Fabricated structural steel.....	—	103.1	103.0	101.6	103.2	—	74.8	74.7	73.5	75.1
3442	Metal doors, sash, and trim.....	—	79.8	79.4	76.6	76.7	—	59.5	59.0	56.4	56.4
3443	Fabricated plate work (boiler shops)....	—	113.9	112.6	111.3	111.7	—	79.4	78.2	76.3	77.1
3444	Sheet metal work.....	—	85.8	85.8	83.8	83.6	—	63.0	62.7	61.0	60.8
3446,9	Architectural and misc. metal work....	—	58.8	58.1	55.2	55.4	—	41.9	41.5	38.3	38.6
345	Screw machine products, bolts, etc.....	(*)	97.8	96.4	91.9	92.2	(*)	77.0	75.6	70.7	70.8
3451	Screw machine products.....	—	42.3	41.9	38.9	39.0	—	35.4	34.8	31.9	31.9
3452	Bolts, nuts, rivets, and washers.....	—	55.5	54.5	53.0	53.2	—	41.6	40.8	38.8	38.9
346	Metal stampings.....	239.7	237.7	229.7	232.0	231.6	193.1	191.5	184.0	187.5	187.2
347	Metal services, n e c.....	(*)	86.9	86.3	82.5	82.0	(*)	71.9	71.0	67.9	67.3
348	Misc. fabricated wire products.....	67.8	67.3	67.1	64.9	64.6	54.3	53.8	53.5	51.2	51.1
349	Misc. fabricated metal products.....	154.1	153.6	152.5	149.3	148.3	112.6	112.3	111.3	109.3	108.5
3494,8	Valves, pipe, and pipe fittings.....	—	95.3	94.4	93.5	91.9	—	66.4	65.5	65.5	64.2

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

		(In thousands)									
SIC Code	Industry	All employees					Production workers ¹				
		Oct. 1972 _P	Sept. 1972 _P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 _P	Sept. 1972 _P	Aug. 1972	Oct. 1971	Sept. 1971
<i>Durable Goods--Continued</i>											
TRANSPORTATION EQUIPMENT--Continued											
3732	Boat building and repairing.....	-	43.0	42.4	39.7	38.9	-	35.3	34.5	32.5	31.6
374	Railroad equipment.....	-	51.1	50.5	53.0	54.1	-	38.5	38.2	41.4	42.6
375,9	Other transportation equipment.....	-	160.8	160.7	140.0	140.3	-	134.5	134.0	115.8	116.5
38	INSTRUMENTS AND RELATED PRODUCTS.....	467.9	464.4	462.2	441.1	439.6	285.2	282.6	280.0	264.6	263.7
381	Engineering & scientific instruments.....	-	65.2	64.6	62.1	62.3	-	32.9	32.1	29.9	29.9
382	Mechanical measuring & control devices.....	104.6	104.7	103.9	102.3	102.3	65.9	65.8	64.6	62.3	62.3
3821	Mechanical measuring devices.....	-	65.9	65.5	65.5	65.4	-	38.9	38.3	37.6	37.6
3822	Automatic temperature controls.....	-	38.8	38.4	36.8	36.9	-	26.9	26.3	24.7	24.7
383,5	Optical and ophthalmic goods.....	(*)	55.7	55.8	50.7	50.7	(*)	39.9	40.0	35.4	35.2
385	Ophthalmic goods.....	-	39.5	39.8	35.3	35.3	-	30.4	30.7	26.8	26.7
384	Medical instruments and supplies.....	92.3	91.5	91.7	85.6	85.1	60.9	60.3	60.5	56.4	55.8
386	Photographic equipment and supplies.....	116.1	115.7	115.6	110.4	109.6	58.1	57.8	57.7	55.9	56.3
387	Watches, clocks, and watchcases.....	-	31.6	30.6	30.0	29.6	-	25.9	25.1	24.7	24.2
MISCELLANEOUS MANUFACTURING INDUSTRIES.....		449.9	442.7	437.6	428.8	426.9	354.2	348.0	343.4	334.9	333.1
391	Jewelry, silverware, and plated ware.....	56.3	54.3	53.7	51.3	50.2	42.3	40.6	40.4	38.6	37.6
394	Toys and sporting goods.....	-	130.3	127.4	124.1	123.4	-	106.6	103.9	101.0	100.4
3941-3	Games, toys, dolls, & play vehicles.....	-	75.4	73.4	73.6	72.8	-	62.0	60.0	59.7	59.2
3949	Sporting and athletic goods, n e c.....	-	54.9	54.0	50.5	50.6	-	44.6	43.9	41.3	41.2
395	Pens, pencils, office, and art supplies.....	-	34.5	34.5	32.7	32.9	-	24.7	24.7	22.9	23.0
396	Costume jewelry and notions.....	-	54.9	54.9	57.3	57.4	-	45.2	44.9	47.1	47.2
393,9	Other manufacturing industries.....	169.0	168.7	167.1	163.4	163.0	131.4	130.9	129.5	125.3	124.9
393	Musical instruments and parts.....	-	24.5	24.1	22.6	22.2	-	20.1	19.8	18.2	18.0
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS.....	1817.0	1870.1	1870.4	1809.6	1887.0	1246.2	1291.6	1289.8	1239.2	1315.6
201	Meat products.....	349.8	348.5	350.3	354.0	354.4	289.8	288.0	288.9	292.1	292.2
2011	Meat packing plants.....	-	179.1	178.5	184.1	185.3	-	143.6	143.1	147.8	148.7
2013	Sausages and other prepared meats.....	-	60.9	60.9	63.6	64.2	-	44.3	44.3	47.1	47.5
2015	Poultry dressing plants.....	-	108.5	110.9	106.3	104.9	-	100.1	101.5	97.2	96.0
202	Dairy products.....	221.6	225.0	230.8	226.2	230.1	108.7	111.2	115.1	109.1	111.4
2024	Ice cream and frozen desserts.....	-	24.0	25.9	23.4	24.7	-	13.4	15.0	12.1	12.7
2026	Fluid milk.....	-	155.4	157.9	157.1	158.6	-	62.8	63.8	61.7	62.3
203	Canned, cured, and frozen foods.....	-	385.1	383.5	310.2	397.6	-	329.9	330.0	262.1	350.0
2031,6	Canned, cured, and frozen sea foods.....	-	47.0	46.9	41.4	43.9	-	41.5	41.6	36.2	38.5
2032,3	Canned food, except sea foods.....	-	223.4	227.2	158.4	243.7	-	188.5	193.0	130.7	216.6
2037	Frozen fruits and vegetables.....	-	77.2	72.3	70.8	71.6	-	69.4	65.3	62.8	63.6
204	Grain mill products.....	136.6	136.3	137.6	134.8	136.3	96.6	97.1	98.4	96.3	97.9
2041	Flour and other grain mill products.....	-	27.5	27.5	28.1	28.2	-	19.9	20.0	20.8	21.0
2042	Prepared feeds for animals and fowls.....	-	67.9	69.2	66.2	67.5	-	45.7	46.9	44.1	45.3
205	Bakery products.....	275.5	275.7	273.7	271.5	271.2	158.9	159.6	158.7	160.1	160.2
2051	Bread, cake, and related products.....	-	230.8	228.2	226.5	226.0	-	124.1	123.1	123.5	123.4
2052	Cookies and crackers.....	-	44.9	45.5	45.0	45.2	-	35.5	35.6	36.6	36.8
206	Sugar.....	-	36.9	33.4	47.2	34.1	-	27.2	24.1	38.6	26.0
207	Confectionery and related products.....	82.0	80.4	77.7	82.1	80.9	64.7	64.2	61.6	67.0	65.8
2071	Confectionery products.....	-	62.5	59.8	65.0	63.5	-	50.7	48.2	54.1	52.7
208	Beverages.....	236.2	236.3	236.6	236.4	237.2	120.8	120.4	118.9	118.6	118.8
2082	Male liquors.....	-	55.2	55.0	56.9	57.9	-	36.9	36.3	37.5	38.7
2086	Bottled and canned soft drinks.....	-	130.8	134.8	128.2	131.1	-	50.8	53.5	46.3	48.5
209	Misc. foods and kindred products.....	149.5	145.9	146.8	147.2	145.2	97.9	94.0	94.1	95.3	93.3
21	TOBACCO MANUFACTURES.....	76.3	78.4	77.7	83.8	88.5	63.1	65.0	64.2	69.4	73.8
211	Cigarettes.....	-	42.4	42.9	41.0	42.3	-	34.3	34.5	32.7	33.8
212	Cigars.....	-	13.6	13.7	15.2	15.3	-	12.2	12.2	13.5	13.7
22	TEXTILE MILL PRODUCTS.....	1002.8	996.6	996.6	960.9	959.4	882.5	876.5	876.9	843.2	842.2
221	Weaving mills, cotton.....	(*)	200.3	200.6	199.4	199.7	(*)	181.9	182.2	181.1	181.5
222	Weaving mills, synthetics.....	105.9	105.1	105.9	101.2	100.8	94.3	93.6	94.4	89.6	89.2
223	Weaving and finishing mills, wool.....	27.8	28.0	28.2	26.1	26.5	23.7	23.8	23.9	21.5	21.8
224	Narrow fabric mills.....	29.9	29.8	29.9	29.7	29.5	26.5	26.4	26.4	26.1	25.8
225	Knitting mills.....	270.3	268.9	269.3	257.1	256.6	236.8	235.3	236.0	225.8	225.5
2251	Women's hosiery, except socks.....	-	55.7	55.6	56.7	57.3	-	49.5	49.4	51.0	51.6
2252	Hosiery, n e c.....	-	35.3	36.0	34.2	34.3	-	31.6	32.3	30.6	30.5
2253	Knit outerwear mills.....	-	78.3	78.1	73.0	72.4	-	67.1	66.9	63.0	62.6
2254	Knit underwear mills.....	-	35.8	35.9	33.8	33.8	-	31.5	31.6	29.8	29.8

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Nondurable Goods--Continued</i>										
	TEXTILE MILL PRODUCTS--Continued										
226	Textile finishing, except wool	(*)	84.1	84.3	80.0	79.7	(*)	71.3	71.6	67.6	67.2
227	Floor covering mills	-	63.9	61.3	59.1	58.2	-	51.9	49.7	47.3	46.6
228	Yarn and thread mills	144.3	143.1	143.3	135.6	135.8	133.0	131.8	131.9	124.4	124.6
229	Miscellaneous textile goods	73.4	73.4	73.8	72.7	72.6	60.5	60.5	60.8	59.8	60.0
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,351.3	1,348.6	1,344.5	1,350.6	1,345.6	1,179.5	1,176.1	1,172.6	1,181.7	1,177.5
231	Men's and boys' suits and coats	105.6	106.1	106.9	108.4	108.2	92.5	93.0	93.6	94.9	94.8
232	Men's and boys' furnishings	383.4	385.0	389.2	383.5	382.4	335.0	336.5	339.6	335.6	336.0
2321	Men's and boys' shirts and nightwear	-	120.0	121.8	117.7	117.4	-	106.2	107.8	104.4	103.8
2327	Men's and boys' separate trousers	-	82.6	83.8	88.5	87.9	-	73.6	74.9	79.0	78.9
2328	Men's and boys' work clothing	-	86.0	86.1	82.7	82.6	-	74.5	74.2	72.3	72.2
233	Women's and misses' outerwear	403.8	402.0	396.3	408.6	407.5	358.3	355.8	350.1	361.1	360.3
2331	Women's and misses' blouses and waists	-	43.7	42.2	43.5	43.2	-	39.2	37.5	38.5	38.3
2335	Women's and misses' dresses	-	192.7	189.3	196.5	198.7	-	173.4	170.1	176.7	178.8
2337	Women's and misses' suits and coats	-	70.3	70.4	74.8	76.1	-	61.4	61.5	65.3	66.7
2339	Women's and misses' outerwear, n e c	-	95.3	94.4	93.8	89.5	-	81.8	81.0	80.6	76.5
234	Women's and children's undergarments	(*)	115.8	114.9	116.3	115.9	(*)	100.0	99.3	101.0	100.6
2341	Women's and children's underwear	-	83.2	82.4	83.1	83.2	-	73.1	72.4	73.1	73.1
2342	Corsets and allied garments	-	32.6	32.5	33.2	32.7	-	26.9	26.9	27.9	27.5
235	Hats, caps, and millinery	-	16.1	16.1	15.1	15.2	-	14.2	14.4	13.5	13.5
236	Children's outerwear	(*)	75.2	76.2	76.6	76.4	(*)	66.7	67.6	68.6	68.1
2361	Children's dresses and blouses	-	30.8	31.3	31.7	31.5	-	28.0	28.5	28.8	28.4
237,8	Fur goods and miscellaneous apparel	-	73.2	71.6	75.2	74.2	-	62.8	61.4	64.9	63.9
239	Misc. fabricated textile products	177.9	175.2	173.3	166.9	165.8	149.9	147.1	146.6	141.2	140.3
2391,2	Housefurnishings	-	73.5	71.8	70.5	69.5	-	62.7	62.0	60.8	60.1
26	PAPER AND ALLIED PRODUCTS...	705.1	704.9	705.8	687.8	692.7	545.2	545.2	545.1	528.2	532.7
261,2,6	Paper and pulp mills	206.3	207.7	209.4	207.7	210.3	159.7	161.3	162.6	160.9	163.0
263	Paperboard mills	70.5	71.6	72.0	69.7	70.4	56.8	57.4	57.6	55.1	55.8
264	Misc. converted paper products	(*)	199.9	200.0	193.2	193.8	(*)	147.6	146.9	140.4	140.7
2643	Bags, except textile bags	-	45.1	44.3	44.7	44.9	-	36.8	35.8	35.6	35.6
265	Paperboard containers and boxes	226.6	225.7	224.4	217.2	218.2	179.8	178.9	178.0	171.8	173.2
2651,2	Folding and setup paperboard boxes	-	62.5	61.9	62.6	62.8	-	51.3	50.9	51.3	51.8
2653	Corrugated and solid fiber boxes	-	110.7	109.7	105.7	105.7	-	84.8	84.1	80.9	81.0
2654	Sanitary food containers	-	31.3	31.6	29.4	30.2	-	25.4	25.7	23.7	24.3
27	PRINTING AND PUBLISHING...	1,086.4	1,080.6	1,078.0	1,070.7	1,064.8	659.5	656.9	654.4	654.7	650.6
271	Newspapers	(*)	376.9	376.4	370.8	368.8	(*)	180.2	179.6	180.1	179.2
272	Periodicals	-	67.8	68.0	68.0	68.7	-	20.5	20.2	21.2	21.3
273	Books	-	98.0	98.1	97.4	96.6	-	54.7	55.0	53.7	54.1
275	Commercial printing	344.7	344.7	341.9	343.7	343.1	263.2	262.8	260.6	263.4	263.1
2751	Commercial printing, ex. lithographic	-	203.6	200.9	203.2	202.6	-	157.6	155.3	158.4	157.8
2752	Commercial printing, lithographic	-	130.6	130.5	130.0	130.1	-	97.5	97.5	97.3	97.5
278	Blankbooks and bookbinding	56.0	56.7	57.4	54.2	54.1	46.7	47.4	48.0	44.5	44.7
274,6,7,9	Other publishing & printing ind.	137.9	136.5	136.2	136.6	133.5	91.9	91.3	91.0	91.8	88.2
28	CHEMICALS AND ALLIED PRODUCTS...	1,004.5	1,007.9	1,006.7	999.2	1,003.0	583.4	584.4	584.2	575.9	578.4
281	Industrial chemicals	302.4	303.5	301.0	308.0	309.5	162.9	163.7	162.6	168.0	169.3
2812	Alkalies and chlorine	-	21.2	21.3	22.0	24.4	-	14.4	14.5	14.9	15.2
2818	Industrial organic chemicals, n e c	-	123.4	120.5	123.0	123.4	-	53.6	52.8	54.9	55.0
2819	Industrial inorganic chemicals, n e c	-	96.7	96.8	98.5	98.8	-	55.1	54.7	56.3	56.8
282	Plastics materials and synthetics	219.5	218.6	219.5	211.8	211.9	150.1	148.8	149.8	142.3	141.8
2821	Plastics materials and resins	-	89.8	90.8	88.5	88.9	-	55.9	56.8	54.7	54.7
2823,4	Synthetic fibers	-	116.2	115.9	109.8	109.5	-	84.2	84.1	78.2	77.8
283	Drugs	146.1	141.4	147.9	147.2	147.7	72.2	72.2	72.9	72.0	72.4
2834	Pharmaceutical preparations	-	117.5	118.8	118.2	118.7	-	56.7	57.1	57.0	57.3
284	Soap, cleaners, and toilet goods	(*)	126.6	124.9	122.8	123.3	(*)	73.3	72.0	70.0	70.7
2841	Soap and other detergents	-	39.9	39.8	40.0	40.1	-	26.5	26.3	25.9	26.3
2844	Toilet preparations	-	54.2	52.4	51.4	51.8	-	30.2	29.1	28.6	28.8
285	Paints and allied products	70.2	70.3	71.2	67.8	68.4	39.2	39.1	40.1	37.3	37.7
287	Agricultural chemicals	50.5	50.2	49.4	48.3	47.9	30.3	30.1	29.2	28.8	28.3
2871,2	Fertilizers, complete & mixing only	-	34.4	33.3	33.2	32.8	-	23.0	21.8	21.8	21.3
286,9	Other chemical products	92.4	92.3	92.8	93.3	94.3	57.5	57.2	57.6	57.5	58.2
2892	Explosives	-	24.0	24.0	24.5	24.9	-	16.2	16.3	16.3	16.6
29	PETROLEUM AND COAL PRODUCTS...	189.6	190.1	193.4	191.3	192.7	118.7	118.9	120.9	117.4	119.3
291	Petroleum refining	149.7	150.2	152.8	152.4	153.5	89.5	89.8	91.2	89.4	90.8
295,9	Other petroleum and coal products	39.9	39.9	40.6	38.9	39.2	29.2	29.1	29.7	28.0	28.5

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Nonurable Goods--Continued</i>										
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	645.5	638.6	631.0	596.4	594.7	507.2	500.1	492.5	462.8	461.8
301	Tires and inner tubes.....	129.9	129.2	129.3	124.2	124.2	92.6	91.9	92.0	88.8	88.9
302,3,6	Other rubber products.....	180.6	179.8	176.3	173.1	173.0	143.8	142.6	139.1	136.1	136.4
302	Rubber footwear.....	-	25.6	23.8	25.8	25.9	-	22.0	20.2	22.3	22.4
307	Miscellaneous plastics products.....	335.0	329.6	325.4	299.1	297.5	270.8	265.6	261.4	237.9	236.5
31	LEATHER AND LEATHER PRODUCTS...	300.3	305.5	312.5	298.6	300.0	257.3	262.5	269.0	254.2	255.5
311	Leather tanning and finishing.....	(*)	25.0	25.9	25.6	25.5	(*)	21.5	22.5	22.1	21.9
314	Footwear, except rubber.....	(*)	201.0	206.8	197.5	199.1	(*)	175.1	180.3	170.5	172.1
312,3,5-7,9	Other leather products.....	81.2	79.5	79.8	75.5	75.4	67.4	65.9	66.2	61.6	61.5
316	Luggage.....	-	16.9	17.2	15.9	16.4	-	13.1	13.3	12.3	12.7
317	Handbags and personal leather goods.....	-	36.2	35.9	34.5	33.9	-	30.9	30.6	29.1	28.6
	TRANSPORTATION AND PUBLIC UTILITIES.....	4,520	4,538	4,527	4,415	4,469	3,900	3,918	3,910	3,817	3,870
40	RAILROAD TRANSPORTATION.....	-	577.6	583.1	589.7	594.6	-	-	-	-	-
4011	Class I railroads ²	-	522.6	527.6	533.5	538.5	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT.....	-	263.6	238.4	272.9	273.2	-	-	-	-	-
41	Local and suburban transportation.....	-	69.5	68.4	70.6	72.1	-	64.7	63.8	66.4	67.6
412	Taxicabs.....	-	94.7	94.7	102.2	101.2	-	-	-	-	-
413	Intercity highway transportation.....	-	42.5	42.8	43.5	45.1	-	38.8	39.0	39.8	41.4
42	TRUCKING AND WAREHOUSING.....	-	1,119.2	1,114.8	1,102.3	1,104.7	-	1,010.3	1,006.5	994.2	996.8
421,3	Trucking and trucking terminals.....	-	1,035.7	1,031.8	1,012.4	1,019.2	-	938.9	935.3	916.4	923.2
422	Public warehousing.....	-	83.5	83.0	89.9	85.5	-	71.4	71.2	77.8	73.6
45	TRANSPORTATION BY AIR.....	-	345.8	344.0	343.2	344.8	-	-	-	-	-
451,2	Air transportation.....	-	312.3	310.8	311.2	313.0	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	18.1	18.9	17.9	18.1	-	14.1	14.9	13.9	14.1
44,47	OTHER TRANSPORTATION AND SERVICES	-	334.5	325.4	273.0	314.6	-	-	-	-	-
44	Water transportation.....	-	227.1	218.3	165.8	203.7	-	-	-	-	-
47	Transportation services.....	-	107.4	107.1	107.2	110.9	-	-	-	-	-
48	COMMUNICATION.....	-	1,154.9	1,163.2	1,115.9	1,113.9	-	894.8	905.4	871.8	870.3
481	Telephone communication.....	-	969.8	977.4	928.3	925.2	-	758.6	768.4	732.3	729.9
482	Telegraph communication ³	-	(*)	25.0	30.5	30.7	-	(*)	16.9	20.8	20.9
483	Radio and television broadcasting.....	-	133.8	134.9	134.8	136.0	-	108.0	109.0	109.3	110.7
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	724.1	738.7	700.3	705.0	-	618.7	632.4	597.9	602.1
491	Electric companies and systems.....	-	310.3	315.3	298.5	300.2	-	265.2	269.4	254.9	255.9
492	Gas companies and systems.....	-	164.3	168.0	158.9	160.3	-	138.8	142.3	134.3	135.5
493	Combination companies and systems.....	-	191.1	196.2	187.8	189.0	-	163.7	168.8	160.4	161.9
494-7	Water, steam, & sanitary systems.....	-	58.4	59.2	55.1	55.5	-	51.0	51.9	48.3	48.8
-	WHOLESALE AND RETAIL TRADE.....	15,910	15,765	15,691	15,300	15,213	14,123	13,987	13,923	13,576	13,489
50	WHOLESALE TRADE.....	3,983	3,961	3,974	3,849	3,832	3,340	3,316	3,332	3,215	3,198
501	Motor vehicles & automotive equipment.....	-	352.8	354.3	338.5	337.1	-	285.8	287.6	274.0	272.7
502	Drugs, chemicals, and allied products.....	-	226.3	227.6	226.7	225.5	-	183.6	184.6	181.9	181.0
503	Dry goods and apparel.....	-	158.5	159.2	153.8	153.2	-	124.9	125.5	120.9	120.6
504	Groceries and related products.....	-	580.9	582.6	567.2	554.6	-	507.9	510.5	495.1	483.4
506	Electrical goods.....	-	325.7	330.9	316.4	316.4	-	278.2	283.3	266.1	265.6
507	Hardware; plumbing & heating equipment.....	-	179.1	180.4	173.2	174.1	-	152.3	153.7	147.0	147.7
508	Machinery, equipment, and supplies.....	-	754.2	756.6	733.4	735.4	-	634.1	637.1	618.0	620.0
509	Miscellaneous wholesalers.....	-	1,271.1	1,275.9	1,231.8	1,232.5	-	1,055.6	1,062.1	1,020.0	1,019.6
52-59	RETAIL TRADE.....	11,918	11,804	11,717	11,451	11,381	10,783	10,671	10,591	10,361	10,291
53	RETAIL GENERAL MERCHANDISE.....	-	2,367.9	2,332.0	2,367.6	2,310.1	-	2,166.7	2,132.9	2,170.3	2,110.9
531	Department stores.....	-	1,555.8	1,523.3	1,550.9	1,507.8	-	1,427.8	1,397.0	1,424.6	1,380.0
532	Mail order houses.....	-	121.6	119.3	133.5	126.4	-	113.6	110.8	124.9	117.6
533	Variety stores.....	-	320.4	316.5	321.0	314.9	-	295.6	292.5	294.9	289.0
54	FOOD STORES.....	-	1,836.3	1,804.5	1,775.8	1,760.2	-	1,703.1	1,673.6	1,649.1	1,635.7
541-3	Grocery, meat, and vegetable stores.....	-	1,661.7	1,633.2	1,603.5	1,588.9	-	1,540.4	1,514.2	1,488.4	1,475.9

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES	-	735.0	722.5	746.3	734.1	-	652.3	640.3	663.7	652.0
561	Men's & boys' clothing & furnishings	-	125.9	124.9	128.8	125.7	-	111.2	110.3	114.8	111.9
562	Women's ready-to-wear stores	-	281.5	276.1	285.9	277.7	-	252.1	247.0	255.3	247.8
565	Family clothing stores	-	101.3	100.1	104.9	103.4	-	93.7	92.6	97.1	95.4
566	Shoe stores	-	152.2	150.6	150.7	154.0	-	129.5	127.8	128.8	131.7
57	FURNITURE AND HOME FURNISHINGS STORES	-	471.9	469.8	460.9	453.6	-	408.9	406.7	399.5	392.8
571	Furniture and home furnishings	-	297.1	297.7	292.0	288.3	-	257.2	257.0	251.6	248.1
58	EATING AND DRINKING PLACES	-	2,773.2	2,767.6	2,623.0	2,667.2	-	2,601.3	2,595.8	2,460.8	2,498.2
52,55,59	OTHER RETAIL TRADE	-	3,619.3	3,620.5	3,476.9	3,455.8	-	3,138.2	3,141.2	3,017.3	3,000.9
52	Building materials and farm equipment	-	596.7	603.6	570.0	563.3	-	514.2	521.4	488.7	485.0
55	Automotive dealers & service stations	-	1,711.4	1,714.4	1,642.6	1,643.5	-	-	-	-	-
551,2	Motor vehicle dealers	-	799.1	800.6	777.6	775.4	-	671.0	672.5	654.0	652.0
553,9	Other automotive & accessory dealers	-	266.5	270.2	250.3	250.3	-	227.3	230.5	214.0	214.2
554	Gasoline service stations	-	645.8	643.6	614.7	617.8	-	-	-	-	-
59	Miscellaneous retail stores	-	1,311.2	1,302.5	1,264.3	1,249.0	-	-	-	-	-
591	Drug stores and proprietary stores	-	467.2	465.3	453.4	452.4	-	420.0	418.1	407.0	405.7
594	Book and stationery stores	-	66.4	62.4	66.3	65.8	-	57.1	53.2	57.2	56.8
596	Farm and garden supply stores	-	112.3	113.7	109.4	107.9	-	-	-	-	-
598	Fuel and ice dealers	-	98.8	98.4	102.5	99.4	-	84.3	84.0	88.4	85.3
FINANCE, INSURANCE, AND REAL ESTATE⁴											
		3,952	3,956	3,995	3,823	3,825	3,084	3,094	3,135	3,006	3,009
60	Banking	-	1,114.0	1,121.0	1,077.2	1,075.9	-	902.1	910.5	878.6	878.6
61	Credit agencies other than banks	-	399.0	397.6	372.5	371.3	-	310.3	309.5	289.1	388.5
612	Savings and loan associations	-	132.0	131.7	117.4	116.4	-	107.1	107.0	94.0	93.1
614	Personal credit institutions	-	194.6	193.6	187.0	187.1	-	-	-	-	-
62	Security, commodity brokers & services	-	196.8	198.5	196.6	197.5	-	165.8	167.8	166.3	167.4
63	Insurance carriers	-	1,107.0	1,114.7	1,080.8	1,081.8	-	760.0	767.4	749.4	750.3
631	Life insurance	-	566.0	570.7	561.1	562.8	-	329.6	332.5	330.9	332.6
632	Accident and health insurance	-	99.4	99.8	97.0	96.4	-	84.3	85.5	83.6	83.1
633	Fire, marine, and casualty insurance	-	385.8	388.0	372.4	372.7	-	299.0	302.3	293.0	292.9
64	Insurance agents, brokers, and service	-	291.3	293.0	281.2	281.6	-	-	-	-	-
65	Real estate	-	755.2	776.4	727.1	729.4	-	-	-	-	-
655	Subdividers and developers	-	131.8	137.9	118.5	119.5	-	-	-	-	-
656	Operative builders	-	60.4	64.0	59.2	57.7	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	92.4	93.4	87.1	87.7	-	-	-	-	-
SERVICES											
		12,448	12,408	12,481	11,963	11,930	11,249	11,222	11,285	10,826	10,793
70	Hotels and other lodging places	-	888.4	982.8	779.8	833.3	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	741.2	780.6	678.5	719.8	-	686.6	724.8	626.4	665.1
72	Personal services	-	907.4	906.4	928.9	922.3	-	-	-	-	-
721	Laundries and dry cleaning plants	-	432.0	436.2	457.3	459.9	-	391.8	395.8	414.3	416.8
722	Photographic studios	-	41.7	39.2	45.8	40.5	-	37.0	34.6	41.3	36.0
73	Miscellaneous business services	-	1,695.3	1,686.4	1,598.1	1,589.6	-	-	-	-	-
731	Advertising	-	114.9	116.7	114.5	114.6	-	-	-	-	-
732	Credit reporting and collection	-	81.1	80.7	77.8	77.9	-	-	-	-	-
734	Services to buildings	-	326.2	325.0	304.5	302.7	-	-	-	-	-
76	Miscellaneous repair services	-	190.8	190.4	184.9	185.7	-	-	-	-	-
78	Motion pictures	-	199.0	205.3	196.7	206.0	-	-	-	-	-
781	Motion picture filming & distributing	-	50.8	54.6	54.2	53.7	-	35.0	36.2	34.2	34.0
782,3	Motion picture theaters and services	-	148.2	150.7	142.5	152.3	-	-	-	-	-
80	Medical and other health services	-	3,472.4	3,472.0	3,312.4	3,298.0	-	-	-	-	-
806	Hospitals	-	2,021.8	2,025.9	1,980.1	1,971.5	-	1,845.1	1,850.6	1,810.6	1,803.5
81	Legal services	-	265.4	270.9	249.7	248.5	-	-	-	-	-
82	Educational services	-	1,119.4	997.4	1,189.5	1,090.3	-	-	-	-	-
821	Elementary and secondary schools	-	376.5	330.6	394.7	369.8	-	-	-	-	-
822	Colleges and universities	-	607.9	533.5	663.4	593.9	-	-	-	-	-
89	Miscellaneous services	-	713.6	716.1	669.8	669.2	-	-	-	-	-
891	Engineering & architectural services	-	323.2	326.9	301.5	302.1	-	-	-	-	-
892	Nonprofit research agencies	-	115.5	114.9	107.0	106.1	-	-	-	-	-

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971
.	GOVERNMENT	13,595	13,228	12,680	13,038	12,680	-	-	-	-	-
91	FEDERAL GOVERNMENT ⁵	2,633	2,639	2,644	2,659	2,666	-	-	-	-	-
	Executive	-	(*)	2,602.7	2,619.5	2,626.9	-	-	-	-	-
	Department of Defense	-	(*)	976.6	998.1	998.1	-	-	-	-	-
	Postal Service	-	(*)	672.7	703.7	705.6	-	-	-	-	-
	Other agencies	-	(*)	953.4	917.7	923.2	-	-	-	-	-
	Legislative	-	(*)	33.2	31.4	31.3	-	-	-	-	-
	Judicial	-	(*)	8.2	8.0	7.9	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,962	10,589	10,036	10,379	10,014	-	-	-	-	-
92	State government	-	2,791.7	2,703.1	2,816.9	2,679.3	-	-	-	-	-
	State education	-	1,102.6	972.7	1,223.5	1,060.4	-	-	-	-	-
	Other State government	-	1,689.1	1,730.4	1,593.4	1,618.9	-	-	-	-	-
93	Local government	-	7,797.2	7,333.0	7,562.3	7,335.0	-	-	-	-	-
	Local education	-	4,372.5	3,738.3	4,336.1	4,069.6	-	-	-	-	-
	Other local government	-	3,424.7	3,594.7	3,226.2	3,265.4	-	-	-	-	-

¹ Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

³ Data for nonsupervisory workers exclude messengers.

⁴ Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

⁵ Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

^p Not available.

^p preliminary.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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B-3: Women employees on nonagricultural payrolls, by industry

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	TOTAL	26,481	37	26,945	37	25,462	36
-	PRIVATE SECTOR	21,282	36	21,098	36	20,550	35
-	MINING	37	6	37	6	37	6
10	METAL MINING	2.9	3	2.9	3	2.4	3
11,12	COAL MINING	2.2	1	2.1	1	2.5	2
13	OIL AND GAS EXTRACTION	26.7	10	26.4	10	26.7	10
131,2	Crude petroleum and natural gas fields	18.4	13	18.3	13	18.7	13
138	Oil and gas field services	8.3	7	8.1	7	8.0	7
14	NONMETALLIC MINERALS, EXCEPT FUELS	5.4	5	5.1	5	5.3	5
142	Crushed and broken stone	1.9	5	1.8	5	1.9	5
144	Sand and gravel	1.7	4	1.6	4	1.7	4
	CONTRACT CONSTRUCTION	191	5	183	5	178	5
15	GENERAL BUILDING CONTRACTORS	55.6	5	53.4	5	50.5	5
16	HEAVY CONSTRUCTION CONTRACTORS	33.0	4	30.3	4	30.5	4
161	Highway and street construction	12.0	3	10.8	4	11.2	3
162	Heavy construction, n e c	21.0	5	19.5	5	19.3	5
17	SPECIAL TRADE CONTRACTORS	102.3	6	99.5	6	96.7	5
171	Plumbing, heating, air conditioning	32.8	7	32.1	8	30.8	7
172	Painting, paper hanging, decorating	8.2	6	7.8	7	8.0	6
173	Electrical work	16.5	5	16.3	5	15.6	5
174	Masonry, stonework, and plastering	8.3	4	8.2	4	8.3	4
176	Roofing and sheet metal work	7.0	6	6.7	6	6.6	6
	MANUFACTURING	5,222	28	5,233	28	5,057	28
19,24,25,32-39	DURABLE GOODS	2,183	20	2,166	20	2,063	20
20-23,26-31	NONDURABLE GOODS	3,039	38	3,067	39	2,994	38
	<i>Durable Goods</i>						
19	ORDNANCE AND ACCESSORIES	43.4	23	40.6	22	43.1	23
192	Ammunition, except for small arms	31.3	24	29.1	23	31.9	24
1925	Complete guided missiles	15.7	17	14.8	17	15.0	17
1929	Ammunition, exc. for small arms, n e c	15.6	39	14.3	39	16.9	40
24	LUMBER AND WOOD PRODUCTS	65.7	10	63.9	11	58.1	10
241	Logging camps, & logging contractors	2.8	4	2.7	4	2.9	4
242	Sawmills and planing mills	12.6	6	12.5	6	11.8	5
2421	Sawmills and planing mills, general	9.1	5	8.9	5	8.7	5
243	Millwork, plywood & related products	23.9	11	22.5	11	19.8	10
2431	Millwork	12.7	14	12.0	14	10.8	13
2432	Veneer and plywood	8.3	10	7.9	10	7.3	10
244	Wooden containers	5.8	20	5.5	20	5.6	19
2441,2	Wooden boxes, shooks, and crates	4.8	20	4.5	20	4.6	20
249	Miscellaneous wood products	20.6	22	20.7	22	18.0	21
25	FURNITURE AND FIXTURES	121.8	25	123.2	26	110.2	24
251	Household furniture	96.0	28	97.6	28	86.5	27
2511	Wood household furniture	44.1	25	43.7	25	39.4	24
2512	Upholstered household furniture	30.9	31	30.7	31	26.6	31
2515	Mattresses and bedsprings	10.7	28	11.0	29	10.7	29
252	Office furniture	6.6	17	6.5	17	5.8	16
254	Partitions and fixtures	6.3	12	6.0	13	5.7	12
253,9	Other furniture and fixtures	12.9	27	13.1	28	12.2	26
32	STONE, CLAY, AND GLASS PRODUCTS	109.0	16	106.0	16	101.3	16
321	Flat glass	1.7	7	1.6	7	1.7	7
322	Glass and glassware, pressed or blown	45.2	33	43.2	33	42.2	33
3221	Glass containers	28.6	36	26.7	36	27.1	35
3229	Pressed and blown glass n e c	16.6	29	16.5	30	15.1	29
324	Cement, hydraulic	1.2	4	1.2	4	1.2	4
325	Structural clay products	7.0	12	6.8	12	6.4	11
3251	Brick and structural clay tile	1.2	4	1.2	5	1.2	5
326	Pottery and related products	14.0	32	14.2	33	12.9	32
327	Concrete, gypsum, and plaster products	11.6	6	11.3	6	11.2	6
328,9	Other stone and nonmetallic mineral products	19.9	15	19.6	15	17.9	14
3291	Abrasive products	5.3	20	5.2	20	4.9	20

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>							
33	PRIMARY METAL INDUSTRIES.....	85.9	7	85.9	7	87.3	7
331	Blast furnace and basic steel products.....	25.8	4	25.4	4	27.6	5
3312	Blast furnaces and steel mills.....	19.2	4	18.7	4	20.7	4
332	Iron and steel foundries.....	9.8	5	10.0	5	10.5	5
3321	Gray iron foundries.....	5.3	4	5.4	4	5.4	4
3322	Malleable iron foundries.....	1.0	4	1.0	4	1.0	4
3323	Steel foundries.....	3.5	6	3.6	6	4.1	7
333,4	Nonferrous metals.....	3.5	4	3.3	4	3.4	4
3334	Primary aluminum.....	.8	3	.7	3	.8	3
335	Nonferrous rolling and drawing.....	31.0	15	31.3	15	30.7	15
3351	Copper rolling and drawing.....	2.8	7	2.9	7	3.2	8
3352	Aluminum rolling and drawing.....	6.8	10	6.7	10	6.7	10
3357	Nonferrous wire drawing and insulating.....	18.5	24	18.8	24	17.9	24
336	Nonferrous foundries.....	11.1	14	11.3	14	10.3	14
3361	Aluminum castings.....	4.7	11	4.8	11	4.3	11
3362,9	Other nonferrous castings.....	6.4	17	6.5	16	6.0	16
339	Miscellaneous primary metal products.....	4.7	7	4.6	7	4.8	7
3391	Iron and steel forgings.....	2.4	5	2.3	5	2.6	6
34	FABRICATED METAL PRODUCTS.....	246.8	18	247.7	18	233.5	18
341	Metal cans.....	12.0	17	11.4	17	13.1	18
342	Cutlery, hand tools, and hardware.....	48.2	32	50.0	33	44.8	31
3421,3,5	Cutlery and hand tools, incl. saws.....	17.4	27	17.4	27	15.5	26
3429	Hardware, n e c.....	30.8	36	32.6	36	29.3	35
343	Plumbing and heating, except electric.....	13.1	17	13.7	17	12.6	16
3431,2	Sanitary ware & plumbers' brass goods.....	6.8	18	7.4	19	6.8	18
3433	Heating equipment, except electric.....	6.3	15	6.3	15	5.8	15
344	Fabricated structural metal products.....	49.3	11	46.6	11	45.7	11
3441	Fabricated structural steel.....	5.4	5	5.4	5	5.6	5
3442	Metal doors, sash, and trim.....	19.3	25	17.3	24	16.7	23
3443	Fabricated plate work (boiler shops).....	8.1	7	8.0	7	7.8	7
3444	Sheet metal work.....	11.1	13	10.6	13	10.6	13
3446,9	Architectural and misc. metal work.....	5.4	9	5.3	10	5.0	9
345	Screw machine products, bolts, etc.....	19.3	20	19.5	20	17.9	20
3451	Screw machine products.....	9.5	23	9.6	23	8.6	23
3452	Bolts, nuts, rivets, and washers.....	9.8	18	9.9	18	9.3	18
346	Metal stampings.....	45.4	21	47.2	20	44.2	21
347	Metal services, n e c.....	16.4	19	16.0	19	14.9	19
348	Misc. fabricated wire products.....	16.4	25	17.0	26	15.6	25
349	Misc. fabricated metal products.....	26.7	17	26.3	17	24.7	17
3494,8	Valves, pipe, and pipe fittings.....	16.3	17	16.2	17	15.1	17
35	MACHINERY, EXCEPT ELECTRICAL.....	274.4	15	269.4	15	261.3	15
351	Engines and turbines.....	15.4	14	14.7	14	15.2	14
3511	Steam engines and turbines.....	5.1	12	5.0	11	5.0	12
3519	Internal combustion engines, n e c.....	10.3	16	9.7	16	10.2	15
352	Farm machinery.....	12.8	10	13.6	10	12.0	11
353	Construction and related machinery.....	26.0	9	25.6	9	26.1	9
3531,2	Construction and mining machinery.....	12.1	8	11.9	8	12.2	8
3533	Oil field machinery.....	4.3	9	4.2	10	4.1	9
3535,6	Conveyors, hoists, cranes, monorails.....	4.3	11	4.3	11	4.1	11
3537	Industrial trucks and tractors.....	2.5	8	2.3	8	2.6	9
354	Metal working machinery.....	34.2	12	33.4	12	31.5	12
3541	Machine tools, metal cutting types.....	5.7	10	5.6	10	5.4	10
3544	Special dies, tools, jigs & fixtures.....	8.4	8	8.3	7	8.0	8
3545	Machine tool accessories.....	9.2	19	8.9	19	8.4	18
3542,8	Misc. metal working machinery.....	10.9	16	10.6	16	9.7	15
355	Special industry machinery.....	21.9	12	21.6	12	21.3	12
3551	Food products machinery.....	4.5	12	4.4	12	4.4	12
3552	Textile machinery.....	5.4	15	5.4	15	5.0	14
3555	Printing trades machinery.....	3.2	13	3.2	12	3.5	13
356	General industrial machinery.....	42.0	16	41.8	16	40.0	16
3561	Pumps and compressors.....	10.2	13	10.0	13	9.8	13
3562	Ball and roller bearings.....	11.2	22	11.3	22	10.7	21
3564	Blowers and fans.....	6.1	19	6.2	19	6.0	19
3566	Power transmission equipment.....	6.4	14	6.1	13	5.8	13
357	Office and computing machines.....	66.0	27	64.6	27	64.6	26
3573	Electronic computing equipment.....	45.5	27	43.3	26	43.6	25
358	Service industry machines.....	26.6	18	25.1	17	23.1	16
3585	Refrigeration machinery.....	15.4	15	14.9	15	13.5	14
359	Misc. machinery, except electrical.....	29.5	14	29.0	14	27.5	14

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>							
36	ELECTRICAL EQUIPMENT AND SUPPLIES	716.4	40	704.9	39	666.1	38
361	Electrical test & distributing equipment	62.8	33	60.8	33	55.7	30
3611	Electric measuring instruments	27.3	41	26.0	41	24.5	40
3612	Transformers	14.4	27	14.1	27	11.0	22
3613	Switchgear and switchboard apparatus	21.1	28	20.7	28	20.2	27
362	Electrical industrial apparatus	71.2	34	67.4	33	62.4	32
3621	Motors and generators	38.3	34	36.8	33	33.7	32
3622	Industrial controls	24.0	40	21.9	39	20.4	38
363	Household appliances	50.7	26	49.2	26	44.2	25
3632	Household refrigerators and freezers	10.6	18	10.8	18	9.4	17
3633	Household laundry equipment	4.5	16	4.4	16	4.5	16
3634	Electric housewares and fans	24.2	49	22.7	47	20.6	47
364	Electric lighting and wiring equipment	84.5	43	85.1	43	75.3	41
3641	Electric lamps	22.6	64	23.4	65	22.3	64
3642	Lighting fixtures	22.4	34	22.5	33	19.4	32
3643,4	Wiring devices	39.5	41	39.2	41	33.6	39
365	Radio and TV receiving equipment	74.1	54	70.5	53	69.0	54
366	Communication equipment	152.3	36	151.4	36	156.9	36
3661	Telephone and telegraph apparatus	65.9	45	66.0	45	71.9	46
3662	Radio and TV communication equipment	86.4	31	85.4	31	85.0	30
367	Electronic components and accessories	181.4	54	179.9	54	165.8	53
3671-3	Electron tubes	22.7	45	22.5	45	23.2	45
3674,9	Other electronic components	158.7	56	157.4	56	142.6	54
369	Misc. electrical equipment & supplies	39.4	33	40.6	33	36.8	33
3694	Engine electrical equipment	23.0	36	24.2	37	19.9	34
37	TRANSPORTATION EQUIPMENT	171.9	11	176.9	10	170.4	10
371	Motor vehicles and equipment	66.1	9	72.9	8	69.6	9
3711	Motor vehicles	22.5	5	24.4	6	23.8	7
3712	Passenger car bodies	1.3	7	2.0	4	1.9	4
3713	Truck and bus bodies	2.5	7	2.5	6	2.4	7
3714	Motor vehicle parts and accessories	38.6	12	42.8	12	40.3	12
3715	Truck trailers	1.2	5	1.2	5	1.2	5
372	Aircraft and parts	69.0	14	68.2	14	69.6	14
3721	Aircraft	38.2	14	37.7	14	38.0	14
3722	Aircraft engines and engine parts	17.3	13	17.4	13	18.9	13
3723,9	Other aircraft parts and equipment	13.5	15	13.1	14	12.7	14
373	Ship and boat building and repairing	11.4	6	10.9	6	9.6	6
3731	Ship building and repairing	6.7	5	6.2	5	5.6	4
3732	Boat building and repairing	4.7	11	4.7	11	4.0	10
374	Railroad equipment	3.8	8	3.7	7	3.6	7
375,9	Other transportation equipment	21.6	14	21.2	14	18.0	13
38	INSTRUMENTS AND RELATED PRODUCTS	168.4	37	165.5	37	155.9	36
381	Engineering & scientific instruments	16.4	25	16.0	25	14.7	23
382	Mechanical measuring & control devices	38.4	37	37.8	37	36.1	36
3821	Mechanical measuring devices	20.9	32	21.2	32	20.1	31
3822	Automatic temperature controls	17.5	46	16.6	45	16.0	44
383,5	Optical and ophthalmic goods	23.4	43	22.6	43	20.8	42
385	Ophthalmic goods	19.0	50	18.3	50	16.6	48
384	Medical instruments and supplies	43.2	48	43.4	49	40.2	48
386	Photographic equipment and supplies	28.7	25	27.3	25	27.0	24
387	Watches, clocks, and watchcases	18.3	63	18.4	62	17.1	63
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	179.5	43	181.9	44	175.4	44
391	Jewelry, silverware, and plated ware	19.8	40	20.9	40	18.6	41
394	Toys and sporting goods	58.5	50	57.9	51	59.5	51
3941-3	Games, toys, dolls, & play vehicles	33.9	53	31.8	54	35.8	55
3949	Sporting and athletic goods, n e c	24.6	46	26.1	47	23.7	46
395	Pens, pencils, office and art supplies	16.8	51	17.0	51	16.0	51
396	Costume jewelry and notions	26.9	51	27.5	51	28.6	54
393,9	Other manufacturing industries	57.5	36	58.6	36	52.7	34
393	Musical instruments and parts	9.4	42	9.5	41	7.6	38
<i>Nondurable Goods</i>							
20	FOOD AND KINDRED PRODUCTS	460.9	26	418.5	25	456.2	25
201	Meat products	102.0	29	94.9	28	99.8	28
2011	Meat packing plants	24.4	14	24.1	14	25.6	14
2013	Sausages and other prepared meats	17.6	28	17.4	28	18.3	29
2015	Poultry dressing plants	60.0	54	53.4	55	55.9	53
202	Dairy products	39.5	17	37.2	17	40.5	17
2024	Ice cream and frozen desserts	6.3	24	5.4	23	6.8	24

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	FOOD AND KINDRED PRODUCTS--Continued						
2026	Fluid milk	22.8	14	22.1	14	23.2	14
203	Canned, cured, and frozen foods	125.5	41	98.2	41	127.9	41
2031,6	Canned, cured, and frozen sea foods	28.2	60	22.7	57	28.1	60
2032,3	Canned food, except sea foods	55.8	35	34.7	32	58.3	35
2037	Frozen fruits and vegetables	28.0	46	30.4	48	26.7	45
204	Grain mill products	20.4	15	19.8	15	19.9	14
2041	Flour and other grain mill products	3.3	12	3.3	9	3.1	11
2042	Prepared feeds for animals and fowls	9.4	14	9.3	14	9.3	13
205	Bakery products	67.6	24	65.2	24	65.8	24
2051	Bread, cake, and related products	46.6	20	45.4	20	44.7	20
2052	Cookies and crackers	21.0	47	19.8	46	21.1	47
206	Sugar	2.9	9	2.9	9	2.8	9
207	Confectionery and related products	35.6	48	35.1	47	33.5	45
2071	Confectionery products	28.3	50	28.2	50	27.5	47
208	Beverages	30.9	13	28.7	13	29.8	12
2082	Malt liquors	3.8	7	3.6	6	3.7	6
2086	Bottled and canned soft drinks	12.8	10	12.3	10	12.6	9
209	Misc. foods and kindred products	36.5	25	36.5	25	36.2	25
21	TOBACCO MANUFACTURES	27.4	41	28.9	43	25.6	40
211	Cigarettes	14.7	35	14.4	35	12.3	32
212	Cigars	8.4	67	9.8	70	9.5	69
22	TEXTILE MILL PRODUCTS	444.3	46	450.8	46	430.0	46
221	Weaving mills, cotton	81.8	41	81.9	41	81.7	41
222	Weaving mills, synthetics	39.4	38	39.8	41	35.9	36
223	Weaving and finishing mills, wool	10.0	36	10.0	36	9.5	34
224	Narrow fabric mills	16.6	59	17.5	58	17.0	59
225	Knitting mills	167.0	64	171.1	65	163.1	65
2251	Women's hosiery, except socks	41.0	76	41.6	78	43.4	78
2252	Hosiery, n e c	25.5	72	25.2	72	25.4	73
2253	Knit outerwear mills	51.3	70	54.9	71	50.1	73
2254	Knit underwear mills	24.4	69	24.9	70	22.9	70
226	Textile finishing, except wool	22.5	27	22.2	27	21.2	27
227	Floor covering mills	20.6	35	21.4	36	19.5	36
228	Yarn and thread mills	66.8	47	66.5	47	62.5	47
229	Miscellaneous textile goods	19.6	28	20.4	28	19.6	28
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,011.5	80	1,083.4	81	1,024.4	80
231	Men's and boys' suits and coats	74.6	75	78.7	74	75.5	74
232	Men's and boys' furnishings	313.3	83	325.2	84	312.1	84
2321	Men's and boys' shirts and nightwear	101.7	87	103.5	88	101.2	87
2327	Men's and boys' separate trousers	64.6	80	70.9	81	69.3	80
2328	Men's and boys' work clothing	70.9	84	72.3	85	65.9	83
233	Women's and misses' outerwear	300.8	84	340.5	86	316.6	84
2331	Women's and misses' blouses and waists	26.7	88	38.0	89	32.0	87
2335	Women's and misses' dresses	152.3	87	172.3	87	157.4	86
2337	Women's and misses' suits and coats	49.4	77	45.2	79	55.9	77
2339	Women's and misses' outerwear, n e c	72.4	85	85.0	86	71.3	83
234	Women's and children's undergarments	96.3	87	100.5	88	94.7	86
2341	Women's and children's underwear	69.3	88	72.5	88	68.6	88
2342	Corsets and allied garments	27.0	85	28.0	86	26.1	84
235	Hats, caps, and millinery	10.7	69	11.2	69	10.5	71
236	Children's outerwear	62.9	86	66.4	87	66.9	87
2361	Children's dresses and blouses	26.8	90	28.1	90	29.7	89
237,8	Fur goods and miscellaneous apparel	51.3	76	53.3	76	51.5	74
239	Misc. fabricated textile products	101.6	62	107.6	63	96.6	63
2391,2	Housefurnishings	47.9	71	49.8	71	45.9	72
26	PAPER AND ALLIED PRODUCTS	141.7	20	138.9	20	134.7	20
261,2,6	Paper and pulp mills	21.3	10	21.1	10	21.9	11
263	Paperboard mills	5.3	7	5.2	7	5.3	8
264	Misc. converted paper products	66.0	34	64.5	33	62.7	34
2643	Bags, except textile bags	14.0	32	13.8	32	13.6	32
265	Paperboard containers and boxes	49.1	22	48.1	22	47.5	22
2651,2	Folding and setup paperboard boxes	18.6	31	18.8	31	19.3	32
2653	Corrugated and solid fiber boxes	14.6	13	14.5	13	14.1	14
2654	Sanitary food containers	10.2	33	9.6	32	9.6	32

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>							
27	PRINTING AND PUBLISHING	354.0	33	352.8	33	343.9	32
271	Newspapers.....	104.1	28	101.4	27	99.2	27
272	Periodicals.....	32.9	49	32.9	49	32.8	48
273	Books.....	47.2	48	49.3	49	46.4	47
275	Commercial printing.....	91.9	27	94.1	27	92.2	27
2751	Commercial printing, ex. lithographic.....	54.7	27	55.5	28	55.3	28
2752	Commercial printing, lithographic.....	34.1	26	35.0	27	33.6	26
278	Blankbooks and bookbinding.....	28.6	51	27.2	50	27.6	50
274,6,7,9	Other publishing & printing ind.....	49.3	36	47.9	36	45.7	34
28	CHEMICALS AND ALLIED PRODUCTS	207.3	21	202.6	21	205.8	20
281	Industrial chemicals.....	33.3	11	32.4	11	33.8	11
2812	Alkalies and chlorines.....	1.7	8	1.6	7	1.7	8
2818	Industrial organic chemicals, n e c.....	15.6	13	15.1	13	16.1	13
2819	Industrial inorganic chemicals, n e c.....	10.1	10	9.8	10	10.0	10
282	Plastics materials and synthetics.....	39.3	18	38.0	18	36.4	17
2821	Plastics materials and resins.....	8.2	9	8.0	9	8.2	9
2823,4	Synthetic fibers.....	30.2	26	29.0	26	27.2	25
283	Drugs.....	57.9	39	56.4	38	57.5	38
2834	Pharmaceutical preparations.....	48.5	41	47.3	40	48.7	40
284	Soap, cleaners, and toilet goods.....	44.2	36	43.6	36	44.8	37
2841	Soap and other detergents.....	8.8	23	8.9	22	9.1	23
2844	Toilet preparations.....	26.0	52	25.1	53	26.3	52
285	Paints and allied products.....	11.0	15	10.7	16	11.1	16
287	Agricultural chemicals.....	5.4	11	5.5	10	5.4	11
2871,2	Fertilizers, complete & mixing only.....	2.7	8	2.9	7	2.7	8
286,9	Other chemical products.....	16.2	18	16.0	18	16.8	18
2892	Explosives.....	4.1	17	4.0	17	4.7	18
29	PETROLEUM AND COAL PRODUCTS	17.4	9	17.2	9	17.2	9
291	Petroleum refining.....	13.2	9	13.0	9	13.0	8
295,9	Other petroleum and coal products.....	4.2	10	4.2	11	4.2	11
30	RUBBER AND PLASTICS PRODUCTS, NEC	198.9	32	196.6	32	181.2	31
301	Tires and inner tubes.....	11.8	9	11.5	9	11.0	9
302,3,6	Other rubber products.....	58.9	34	60.1	34	56.1	33
302	Rubber footwear.....	13.9	58	14.6	58	14.2	57
307	Miscellaneous plastics products.....	128.2	40	125.0	40	114.1	40
31	LEATHER AND LEATHER PRODUCTS	175.7	59	176.8	59	171.8	58
311	Leather tanning and finishing.....	3.6	14	3.7	14	3.6	14
314	Footwear, except rubber.....	127.1	64	129.5	64	125.6	64
312,3,5-7,9	Other leather products.....	45.0	59	43.6	59	42.6	59
316	Luggage.....	8.9	55	8.8	54	9.0	56
317	Handbags and personal leather goods.....	23.7	69	22.9	71	21.9	68
-	TRANSPORTATION AND PUBLIC UTILITIES	939	21	932	21	941	21
41	LOCAL AND INTERURBAN PASSENGER TRANSIT ..	22.2	9	35.3	13	20.4	8
411	Local and suburban transportation.....	5.0	7	4.8	7	4.8	7
412	Taxicabs.....	4.4	5	5.0	5	4.5	4
413	Intercity highway transportation.....	3.8	9	3.8	9	4.0	9
42	TRUCKING AND WAREHOUSING	102.1	9	98.0	9	97.8	9
421,3	Trucking and trucking terminals.....	90.4	9	86.5	9	87.1	9
422	Public warehousing.....	11.7	14	11.5	14	10.7	13
45	TRANSPORTATION BY AIR	87.0	26	85.0	25	88.6	26
451,2	Air transportation.....	83.4	27	81.7	27	85.3	27
46	PIPE LINE TRANSPORTATION	1.4	7	1.3	7	1.5	8
44	WATER TRANSPORTATION	15.3	7	14.9	7	14.3	7
47	TRANSPORTATION SERVICES	23.4	22	23.2	22	24.2	21
48	COMMUNICATION	552.0	47	541.7	47	558.8	49
481	Telephone communication.....	505.3	52	496.1	52	517.9	53
483	Radio and television broadcasting.....	32.9	24	32.1	24	32.5	24
49	ELECTRIC, GAS, AND SANITARY SERVICES	109.7	15	106.2	15	107.1	15
491	Electric companies and systems.....	45.9	15	44.6	15	44.7	15
492	Gas companies and systems.....	27.9	17	27.0	17	27.2	17

ESTABLISHMENT DATA
WOMEN EMPLOYEES
B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd						
493	Combination companies and systems	28.2	14	27.2	14	27.9	14
494-7	Water, steam, & sanitary systems	7.7	13	7.4	13	7.3	13
	WHOLESALE AND RETAIL TRADE	6,128	39	6,066	39	5,917	39
	WHOLESALE TRADE	888	22	871	23	856	22
501	Motor vehicles & automotive equipment	68.2	19	66.0	19	65.0	19
502	Drugs, chemicals, and allied products	78.1	34	77.5	34	78.8	35
503	Dry goods and apparel	72.7	46	73.1	47	69.4	45
504	Groceries and related products	121.1	21	114.6	21	114.3	21
506	Electrical goods	77.0	23	75.7	23	75.4	23
507	Hardware; plumbing & heating equipment	42.4	23	40.7	23	39.9	23
508	Machinery, equipment, and supplies	137.2	18	135.0	18	131.6	18
509	Miscellaneous wholesalers	272.7	21	269.3	22	268.1	22
	RETAIL TRADE	5,240	45	5,195	45	5,061	45
52-59	RETAIL GENERAL MERCHANDISE	1,565.3	67	1,585.9	68	1,551.2	68
531	Department stores	1,045.6	69	1,048.1	69	1,021.6	69
532	Mail order houses	68.3	59	71.6	60	70.5	59
533	Variety stores	228.3	73	245.6	75	236.2	79
54	FOOD STORES	658.5	36	648.1	36	613.8	35
541-3	Grocery, meat, and vegetables stores	552.7	34	542.0	33	513.3	33
56	APPAREL AND ACCESSORY STORES	475.5	66	481.4	66	469.6	65
561	Men's & boys' clothing & furnishings	50.6	40	51.0	40	51.6	41
562	Women's ready-to-wear stores	243.9	89	248.2	89	238.3	88
565	Family clothing stores	68.5	67	67.8	67	69.9	67
566	Shoe stores	59.5	40	58.6	38	56.1	38
57	FURNITURE AND HOME FURNISHINGS STORES	135.0	29	135.1	29	131.6	29
571	Furniture and home furnishings	89.4	30	89.3	30	87.9	31
58	EATING AND DRINKING PLACES	1,503.0	55	1,457.5	54	1,443.5	55
52,55,59	OTHER RETAIL TRADE	902.4	25	887.1	25	850.9	25
52	Building materials and farm equipment	98.8	16	95.3	17	92.1	16
55	Automotive dealers & service stations	211.9	12	201.2	12	197.2	12
551,2	Motor vehicle dealers	92.4	12	90.9	12	87.1	11
553,9	Other automotive & accessory dealers	38.6	14	36.3	14	35.3	14
59	Miscellaneous retail stores	591.7	45	590.6	45	561.6	45
591	Drug stores and proprietary stores	284.7	61	283.5	61	272.9	61
594	Book and stationery stores	28.3	46	29.7	46	27.6	45
596	Farm and garden supply stores	21.8	19	27.4	22	19.6	18
598	Fuel and ice dealers	17.1	17	18.4	18	17.0	17
	FINANCE, INSURANCE, AND REAL ESTATE	2,059	52	2,008	52	1,989	51
60	Banking	711.0	64	690.8	63	690.1	63
61	Credit agencies other than banks	225.1	57	217.5	56	208.3	56
612	Savings and loan associations	88.3	67	83.8	67	77.7	67
614	Personal credit institutions	94.0	49	92.2	48	90.9	48
62	Security, commodity brokers & services	71.2	35	70.1	35	69.2	34
63	Insurance carriers	579.4	52	568.6	52	565.9	52
631	Life insurance	254.3	45	252.1	44	252.6	44
632	Accident and health insurance	70.2	70	69.9	71	69.7	72
633	Fire, marine, and casualty insurance	220.0	57	214.5	56	213.6	57
64	Insurance agents, brokers, and service	170.9	59	167.2	59	162.8	58
65	Real estate	254.1	33	247.7	34	248.3	33
655	Subdividers and developers	24.7	18	24.5	21	23.7	19
656	Operative builders	8.8	14	9.0	16	9.0	16
66,67	Other finance, insurance, & real estate	47.6	51	46.5	51	44.4	50
	SERVICES	6,706	54	6,639	54	6,431	54
	Hotels and other lodging places:						
701	Hotels, tourist courts, and motels	407.7	53	359.4	52	397.2	52
72	Personal services	558.7	61	563.9	62	563.9	61
721	Laundries and dry cleaning plants	285.1	65	286.8	65	306.3	65
722	Photographic studios	23.6	61	26.7	65	21.4	58

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	July 1972		April 1972		July 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	SERVICES - Continued						
73	Miscellaneous business services	567.4	34	551.0	34	529.6	34
731	Advertising	49.7	43	49.2	43	48.7	42
732	Credit reporting and collection	56.6	71	55.2	71	55.8	72
734	Services to buildings	110.2	34	106.4	34	97.9	33
76	Miscellaneous repair services	28.7	15	27.3	15	26.0	14
78	Motion pictures	75.8	37	71.1	37	76.8	37
781	Motion picture filming & distributing	17.6	33	16.1	35	18.1	34
782,3	Motion picture theaters and services	58.2	38	55.0	38	58.7	38
80	Medical and other health services	2,782.7	80	2,729.2	80	2,654.8	81
806	Hospitals	1,622.0	80	1,609.4	80	1,594.7	81
81	Legal services	167.4	62	161.7	64	155.8	61
82	Educational services	464.5	46	578.1	47	432.4	44
821	Elementary and secondary schools	188.2	56	243.2	60	178.9	55
822	Colleges and universities	217.2	40	273.2	41	202.0	38
89	Miscellaneous services	174.8	25	173.1	25	163.8	24
891	Engineering & architectural services	47.4	15	45.1	15	44.8	15
892	Nonprofit research agencies	36.1	32	33.6	30	32.1	30
-	GOVERNMENT	5,199	41	5,847	44	4,912	40
91	FEDERAL GOVERNMENT	746	28	720	27	712	26
92,93	STATE AND LOCAL GOVERNMENT	4,453	44	5,127	48	4,200	44
92	State government	1,116.7	41	1,219.4	42	1,074.6	41
	State education	404.7	41	526.9	42	386.4	40
	Other State government	712.0	41	692.5	42	688.2	42
	Local government	3,335.8	45	3,907.7	50	3,125.2	45
	Local education	2,179.8	58	2,836.0	63	2,025.7	56
	Other local government	1,156.0	32	1,071.7	32	1,099.5	32

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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B-5: Employees on nonagricultural payrolls, by industry, seasonally adjusted

(In thousands)

Industry division and group	1972										1971		
	Oct. P	Sept. P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
TOTAL	73, 535	73, 232	72, 984	72, 661	72, 699	72, 592	72, 246	72, 011	71, 744	71, 552	71, 291	71, 103	70, 861
GOODS-PRODUCING	23, 296	23, 169	23, 076	22, 949	23, 081	23, 031	22, 888	22, 811	22, 719	22, 689	22, 598	22, 576	22, 491
MINING	606	605	602	599	600	604	605	614	613	615	611	524	521
CONTRACT CONSTRUCTION	3, 547	3, 547	3, 544	3, 489	3, 550	3, 535	3, 493	3, 512	3, 494	3, 523	3, 468	3, 518	3, 475
MANUFACTURING	19, 143	19, 017	18, 930	18, 861	18, 931	18, 892	18, 790	18, 685	18, 612	18, 551	18, 519	18, 534	18, 495
DURABLE GOODS	11, 064	10, 958	10, 897	10, 843	10, 857	10, 837	10, 755	10, 673	10, 621	10, 575	10, 552	10, 560	10, 547
Ordnance and accessories	197	192	192	190	188	186	185	182	182	183	183	185	187
Lumber and wood products	615	613	613	613	611	610	610	606	604	604	601	601	596
Furniture and fixtures	507	499	497	494	490	488	486	483	481	477	474	470	467
Stone, clay, and glass products	670	663	663	660	662	660	651	650	646	645	638	639	637
Primary metal industries	1, 280	1, 267	1, 236	1, 214	1, 222	1, 228	1, 215	1, 209	1, 190	1, 192	1, 184	1, 187	1, 191
Fabricated metal products	1, 384	1, 378	1, 376	1, 370	1, 373	1, 370	1, 360	1, 347	1, 341	1, 335	1, 329	1, 334	1, 334
Machinery, except electrical	1, 900	1, 875	1, 868	1, 855	1, 858	1, 848	1, 824	1, 814	1, 815	1, 803	1, 809	1, 808	1, 804
Electrical equipment	1, 856	1, 840	1, 830	1, 826	1, 830	1, 818	1, 805	1, 795	1, 786	1, 778	1, 779	1, 773	1, 773
Transportation equipment	1, 759	1, 742	1, 736	1, 743	1, 740	1, 754	1, 747	1, 720	1, 712	1, 699	1, 705	1, 713	1, 708
Instruments and related products	467	463	460	456	457	452	447	444	443	442	438	441	441
Miscellaneous manufacturing	429	426	426	422	426	423	425	423	421	417	412	409	409
NONDURABLE GOODS	8, 079	8, 059	8, 033	8, 018	8, 074	8, 055	8, 035	8, 012	7, 991	7, 976	7, 967	7, 974	7, 948
Food and kindred products	1, 744	1, 746	1, 738	1, 757	1, 771	1, 755	1, 756	1, 759	1, 751	1, 758	1, 755	1, 756	1, 737
Tobacco manufactures	66	66	70	75	75	76	77	76	73	73	72	74	73
Textile mill products	1, 002	994	992	986	991	988	984	981	976	973	969	965	960
Apparel and other textile products	1, 337	1, 335	1, 334	1, 311	1, 329	1, 334	1, 344	1, 334	1, 336	1, 328	1, 331	1, 341	1, 336
Paper and allied products	707	702	699	698	699	700	691	687	685	684	686	686	689
Printing and publishing	1, 084	1, 083	1, 079	1, 076	1, 079	1, 080	1, 076	1, 074	1, 072	1, 072	1, 068	1, 067	1, 069
Chemicals and allied products	1, 008	1, 007	997	995	1, 001	1, 002	996	997	997	998	999	1, 001	1, 002
Petroleum and coal products	189	188	188	188	190	190	191	191	193	189	192	190	190
Rubber and plastics products, nec	641	632	629	627	630	621	615	609	605	600	594	593	592
Leather and leather products	301	306	307	305	309	309	305	304	303	301	301	301	300
SERVICE-PRODUCING	50, 239	50, 063	49, 908	49, 712	49, 618	49, 561	49, 358	49, 200	49, 025	48, 863	48, 693	48, 527	48, 370
TRANSPORTATION AND PUBLIC UTILITIES	4, 511	4, 489	4, 478	4, 473	4, 491	4, 490	4, 481	4, 487	4, 438	4, 455	4, 432	4, 403	4, 406
WHOLESALE AND RETAIL TRADE	15, 849	15, 785	15, 758	15, 692	15, 682	15, 632	15, 561	15, 508	15, 456	15, 379	15, 333	15, 299	15, 250
WHOLESALE TRADE	3, 955	3, 945	3, 935	3, 913	3, 926	3, 914	3, 894	3, 883	3, 863	3, 849	3, 840	3, 830	3, 822
RETAIL TRADE	11, 894	11, 840	11, 823	11, 779	11, 756	11, 718	11, 667	11, 625	11, 593	11, 530	11, 493	11, 469	11, 428
FINANCE, INSURANCE, AND REAL ESTATE	3, 964	3, 952	3, 936	3, 927	3, 931	3, 913	3, 892	3, 885	3, 874	3, 867	3, 855	3, 847	3, 835
SERVICES	12, 436	12, 396	12, 419	12, 341	12, 290	12, 252	12, 206	12, 139	12, 112	12, 069	12, 042	11, 997	11, 951
Hotels and other lodging places	-	864	860	843	858	837	829	834	831	828	819	808	806
Personal services	-	911	911	907	911	914	917	917	921	920	922	930	925
Medical and other health services	-	3, 476	3, 458	3, 436	3, 429	3, 430	3, 404	3, 384	3, 371	3, 355	3, 345	3, 324	3, 312
Educational services	-	1, 177	1, 168	1, 155	1, 161	1, 159	1, 161	1, 156	1, 150	1, 145	1, 146	1, 148	1, 147
GOVERNMENT	13, 479	13, 441	13, 317	13, 279	13, 224	13, 274	13, 218	13, 181	13, 145	13, 093	13, 031	12, 981	12, 928
FEDERAL	2, 636	2, 636	2, 618	2, 621	2, 646	2, 665	2, 664	2, 667	2, 669	2, 673	2, 666	2, 666	2, 662
STATE AND LOCAL	10, 843	10, 805	10, 699	10, 658	10, 578	10, 609	10, 554	10, 514	10, 476	10, 420	10, 365	10, 315	10, 266

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

**B-6: Production or nonsupervisory workers¹ on private nonagricultural payrolls,
seasonally adjusted**

Industry division and group	(In thousands)												
	1972										1971		
	Oct. P	Sept. P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
TOTAL . . .	49,696	49,487	49,367	49,122	49,245	49,124	48,845	48,677	48,443	48,332	48,141	48,021	47,841
GOODS-PRODUCING . . .	17,412	17,302	17,226	17,114	17,231	17,183	17,049	16,986	16,889	16,881	16,780	16,766	16,686
MINING	458	458	455	453	451	457	456	466	464	465	460	374	372
CONTRACT CONSTRUCTION	2,933	2,934	2,925	2,876	2,934	2,928	2,882	2,904	2,881	2,924	2,867	2,924	2,888
MANUFACTURING	14,021	13,910	13,846	13,785	13,846	13,798	13,711	13,616	13,544	13,492	13,453	13,468	13,426
DURABLE GOODS	8,078	7,989	7,942	7,889	7,899	7,876	7,805	7,729	7,680	7,637	7,608	7,616	7,600
Ordnance and accessories	101	97	97	96	95	92	91	89	89	90	90	91	93
Lumber and wood products	529	527	528	527	526	524	524	520	519	519	517	518	514
Furniture and fixtures	420	413	411	409	405	402	402	399	397	394	391	387	384
Stone, clay, and glass products	535	529	530	528	528	526	519	519	515	514	507	509	506
Primary metal industries	1,027	1,015	988	966	973	978	965	956	940	939	930	930	935
Fabricated metal products	1,060	1,055	1,056	1,049	1,053	1,049	1,038	1,028	1,022	1,016	1,011	1,015	1,016
Machinery, except electrical	1,268	1,248	1,242	1,231	1,233	1,223	1,200	1,189	1,189	1,178	1,182	1,183	1,177
Electrical equipment	1,265	1,244	1,236	1,233	1,237	1,223	1,214	1,205	1,198	1,189	1,188	1,183	1,181
Transportation equipment	1,254	1,247	1,243	1,245	1,241	1,257	1,252	1,229	1,218	1,210	1,213	1,219	1,214
Instruments and related products	285	282	279	276	276	273	269	266	266	265	262	265	264
Miscellaneous manufacturing	334	332	332	329	332	329	331	329	327	323	317	316	316
NONDURABLE GOODS	5,943	5,921	5,904	5,896	5,947	5,922	5,906	5,887	5,864	5,855	5,845	5,852	5,826
Food and kindred products	1,172	1,171	1,167	1,188	1,202	1,182	1,186	1,186	1,180	1,187	1,183	1,185	1,166
Tobacco manufactures	54	54	57	62	63	63	63	63	60	60	59	61	59
Textile mill products	882	874	873	867	870	868	865	864	857	855	851	847	842
Apparel and other textile products	1,166	1,163	1,162	1,140	1,161	1,166	1,173	1,164	1,165	1,158	1,162	1,172	1,168
Paper and allied products	546	542	539	539	539	539	531	529	526	526	526	526	529
Printing and publishing	657	658	656	655	656	658	656	655	654	655	651	651	652
Chemicals and allied products	586	585	578	578	581	580	575	575	576	577	577	578	578
Petroleum and coal products	118	117	117	116	117	117	117	117	117	115	118	116	117
Rubber and plastics products, nec	503	494	491	489	492	483	478	473	469	465	461	460	459
Leather and leather products	259	263	264	262	266	266	262	261	260	257	257	256	256
SERVICE-PRODUCING . . .	32,284	32,185	32,141	32,008	32,014	31,941	31,796	31,691	31,554	31,451	31,361	31,255	31,155
TRANSPORTATION AND PUBLIC UTILITIES	3,892	3,872	3,856	3,861	3,879	3,886	3,875	3,881	3,835	3,857	3,830	3,807	3,809
WHOLESALE AND RETAIL TRADE	14,064	14,014	13,979	13,912	13,924	13,894	13,825	13,769	13,714	13,634	13,600	13,563	13,519
WHOLESALE TRADE	3,313	3,300	3,292	3,273	3,286	3,279	3,259	3,249	3,225	3,214	3,202	3,195	3,189
RETAIL TRADE	10,751	10,714	10,687	10,639	10,638	10,615	10,566	10,520	10,489	10,420	10,398	10,368	10,330
FINANCE, INSURANCE, AND REAL ESTATE	3,090	3,088	3,077	3,069	3,077	3,065	3,049	3,047	3,037	3,032	3,025	3,023	3,012
SERVICES	11,238	11,211	11,229	11,166	11,134	11,096	11,047	10,994	10,968	10,928	10,906	10,862	10,815

¹ For coverage of series, see footnote 1, table B-2.
p=preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971
1	ALABAMA	1,040.6	1,034.8	1,027.6	8.0	8.1	8.3	52.4	53.1	54.7	324.0	324.8	319.2
2	Birmingham	269.5	268.3	265.4	5.1	5.1	5.4	16.9	17.3	16.8	68.3	68.3	70.6
3	Huntsville	81.1	80.6	80.3	(1)	(1)	(1)	2.8	2.8	2.6	14.2	14.3	13.4
4	Mobile	(*)	102.3	102.9	(*)	(1)	(1)	(*)	6.5	6.4	(*)	23.2	23.4
5	Montgomery	73.4	73.4	72.0	(1)	(1)	(1)	5.3	5.3	5.9	10.8	10.8	10.6
6	Tuscaloosa	42.8	41.6	40.2	(1)	(1)	(1)	3.0	3.0	3.0	11.6	11.4	11.1
7	ALASKA ²	110.7	112.1	106.3	2.8	2.9	2.5	9.7	9.5	10.6	9.8	11.8	9.1
8	ARIZONA ²	654.0	644.5	590.6	22.2	22.6	21.6	56.7	56.2	47.5	97.9	97.2	90.0
9	Phoenix ²	388.4	377.8	348.0	.3	.3	.4	32.9	32.6	27.7	74.5	73.9	69.2
10	Tucson ²	126.0	125.9	115.7	6.9	7.0	6.9	12.6	12.5	11.1	10.1	10.1	9.1
11	ARKANSAS	567.2	572.0	549.9	4.3	4.2	4.3	26.5	27.0	28.9	178.8	179.3	172.6
12	Fayetteville	27.9	27.2	27.6	(1)	(1)	(1)	1.2	1.2	1.2	8.1	8.3	7.8
13	Fort Smith	49.5	48.4	48.5	.5	.5	.6	2.0	2.0	2.5	18.2	17.8	17.8
14	Little Rock—North Little Rock	132.8	133.0	128.6	(1)	(1)	(1)	11.1	11.1	9.7	28.1	27.6	27.3
15	Pine Bluff	24.5	23.7	24.0	(1)	(1)	(1)	.8	.8	.8	5.7	5.7	5.6
16	CALIFORNIA	7,194.8	7,174.3	7,005.9	29.6	29.8	30.7	309.8	305.6	300.9	1,555.2	1,563.8	1,525.3
17	Anaheim—Santa Ana—Garden Grove	445.2	444.4	416.9	2.0	2.0	2.1	24.7	24.9	20.8	121.4	121.7	114.4
18	Bakersfield	95.3	95.9	91.8	6.1	6.2	6.4	4.0	3.8	3.7	8.5	8.4	8.1
19	Fresno	130.5	129.4	125.5	.7	.7	.7	6.1	6.1	5.9	20.5	21.7	21.0
20	Los Angeles—Long Beach	2,870.2	2,857.0	2,808.8	10.6	10.7	10.5	92.8	91.3	96.6	789.6	786.6	758.9
21	Modesto	66.4	65.9	65.4	.1	.1	.1	4.5	4.6	3.7	21.2	21.7	23.8
22	Oxnard—Simi Valley—Ventura	100.1	99.0	94.9	1.7	1.7	1.7	4.7	4.7	4.6	14.1	13.3	13.4
23	Riverside—San Bernardino—Ontario	305.0	302.4	294.8	2.3	2.2	2.5	13.8	13.7	13.4	53.3	53.2	52.3
24	Sacramento	281.5	278.8	273.9	.1	.1	.1	16.0	15.6	13.9	24.6	25.0	25.8
25	Salinas—Seaside—Monterey	68.9	68.8	65.8	.5	.5	.5	2.8	2.7	2.3	7.9	7.6	7.3
26	San Diego	411.6	411.4	399.5	.5	.5	.5	23.0	23.1	22.2	57.9	58.4	61.5
27	San Francisco—Oakland	1,255.4	1,247.9	1,238.7	1.9	1.8	1.8	59.3	58.2	57.9	191.7	195.0	195.7
28	San Jose	394.9	396.4	383.2	.1	.1	.1	18.5	18.3	17.9	124.3	127.7	126.1
29	Santa Barbara—Santa Maria—Lompoc	83.4	81.8	80.9	.9	.9	.9	3.6	3.8	3.5	9.8	9.4	9.0
30	Santa Rosa	56.8	56.2	53.7	.3	.3	.3	3.0	3.0	2.6	7.8	8.0	7.4
31	Stockton	96.7	97.3	94.5	.1	.1	.1	5.6	5.4	4.7	22.0	23.0	22.2
32	Vallejo—Fairfield—Napa	72.2	71.5	70.7	.2	.2	.2	3.3	3.2	2.6	7.8	7.9	8.1
33	COLORADO	816.1	813.6	783.5	13.4	13.4	13.8	53.8	53.8	47.9	124.6	124.3	119.8
34	Denver	518.1	514.8	499.7	5.5	5.5	5.4	33.6	33.6	31.0	89.0	88.7	86.4
35	CONNECTICUT	1,188.1	1,170.2	1,170.6	(3)	(3)	(3)	59.4	60.2	59.9	400.5	390.9	399.3
36	Bridgeport	144.9	142.6	145.0	(3)	(3)	(3)	5.7	4.8	5.9	62.2	61.4	62.2
37	Hartford	315.9	309.5	318.1	(3)	(3)	(3)	15.7	15.9	16.7	80.6	77.8	85.8
38	New Britain	44.9	43.5	44.1	(3)	(3)	(3)	2.0	2.0	2.0	22.1	21.5	21.4
39	New Haven	157.2	155.7	157.8	(3)	(3)	(3)	8.8	9.0	8.8	38.5	37.8	39.4
40	Stamford	82.3	82.7	80.9	(3)	(3)	(3)	3.7	3.8	3.6	26.8	26.8	26.7
41	Waterbury	77.9	77.8	78.0	(3)	(3)	(3)	4.1	4.2	3.9	34.1	33.7	34.2
42	DELAWARE	216.6	220.7	214.7	(1)	(1)	(1)	14.3	14.9	15.0	71.6	71.6	69.9
43	Wilmington	194.5	198.2	192.4	(1)	(1)	(1)	14.3	14.6	14.6	66.4	66.2	65.8
44	DISTRICT OF COLUMBIA ⁴	674.3	690.0	677.9	(1)	(1)	(1)	18.8	19.5	18.8	17.6	17.4	17.7
45	Washington SMSA	1,211.5	1,220.1	1,194.9	(1)	(1)	(1)	73.1	75.4	71.6	44.9	45.0	44.1
46	FLORIDA	2,287.7	2,247.4	2,186.0	9.5	9.5	9.2	175.8	175.8	166.4	323.1	319.2	311.9
47	Fort Lauderdale—Hollywood	188.6	186.7	177.6	(1)	(1)	(1)	23.9	23.6	22.6	21.7	21.4	19.5
48	Jacksonville	194.6	192.3	193.5	(1)	(1)	(1)	12.5	12.6	12.7	24.3	24.3	24.2
49	Miami	522.5	518.8	514.9	(1)	(1)	(1)	31.6	31.8	31.2	79.2	79.3	76.4
50	Orlando	174.3	172.6	157.7	(1)	(1)	(1)	17.8	17.7	22.3	23.5	23.2	20.9
51	Pensacola	73.6	72.5	70.1	(1)	(1)	(1)	7.1	7.1	6.1	14.5	14.6	14.3
52	Tampa—St. Petersburg	341.0	335.1	319.5	(1)	(1)	(1)	31.6	31.3	28.1	55.4	55.0	52.9
53	West Palm Beach	112.1	109.6	108.6	(1)	(1)	(1)	11.6	11.2	10.9	17.6	17.4	18.4
54	GEORGIA	1,625.1	1,615.5	1,583.7	7.2	6.9	7.0	83.9	84.8	82.6	463.9	464.0	458.5
55	Atlanta	635.2	633.0	627.2	(1)	(1)	(1)	34.6	35.0	34.7	110.7	109.5	113.9
56	Augusta	91.4	89.9	89.2	(1)	(1)	(1)	5.5	5.5	5.1	30.0	30.2	29.6
57	Columbus	70.6	71.0	70.0	(1)	(1)	(1)	4.8	5.0	4.5	20.0	20.1	19.1
58	Macon	78.0	77.8	78.2	(1)	(1)	(1)	4.1	4.2	4.3	14.1	14.0	13.9
59	Savannah	68.1	68.4	67.9	(1)	(1)	(1)	4.6	4.6	4.0	15.5	15.6	15.5
60	HAWAII	301.5	313.0	297.7	(1)	(1)	(1)	22.8	23.0	22.6	21.5	28.0	23.1
61	Honolulu	254.5	264.4	252.3	(1)	(1)	(1)	19.3	19.4	19.3	15.4	20.8	16.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971
1 MINNESOTA.....	1,357.1	1,337.4	1,334.5	14.6	13.0	14.7	70.6	70.5	73.4	320.5	315.1	312.5
2 Duluth-Superior.....	56.0	55.9	56.1	(1)	(1)	(1)	2.5	2.5	3.1	8.6	8.6	8.7
3 Minneapolis-St. Paul.....	778.1	770.8	776.9	(1)	(1)	(1)	36.2	35.8	39.9	194.9	193.8	192.6
4 MISSISSIPPI.....	618.5	611.4	598.8	6.3	6.4	6.3	30.7	31.6	32.9	203.0	203.9	188.8
5 Jackson.....	101.5	98.8	97.0	.7	.7	.7	7.2	7.3	6.2	14.9	14.9	14.4
6 MISSOURI.....	1,644.8	1,621.9	1,640.9	7.8	8.0	8.4	60.5	63.9	69.4	434.4	433.6	425.9
7 Kansas City.....	534.0	529.5	515.2	.5	.5	.5	30.3	30.4	27.9	121.5	120.1	117.6
8 St. Joseph.....	33.0	32.8	32.1	(3)	(3)	(3)	2.2	2.3	1.8	9.4	9.5	9.2
9 St. Louis.....	867.6	859.6	885.8	2.8	2.8	3.0	28.4	26.5	36.5	255.6	255.5	260.1
10 Springfield.....	60.4	59.4	59.5	.1	.1	.1	2.8	2.8	3.4	16.9	17.0	16.1
11 MONTANA.....	211.4	213.2	208.6	6.2	6.3	3.6	11.7	11.6	13.4	23.7	23.9	23.2
12 Billings.....	32.3	32.4	31.0	(1)	(1)	(1)	2.3	2.2	2.0	3.3	3.4	3.3
13 Great Falls.....	26.1	26.5	25.3	(1)	(1)	(1)	1.6	1.6	2.0	2.3	2.4	1.6
14 NEBRASKA.....	508.9	502.6	497.9	1.8	1.9	1.7	29.6	31.0	27.0	87.7	87.8	83.5
15 Lincoln.....	78.0	74.8	74.9	-	-	-	4.6	4.3	4.0	11.8	11.8	11.2
16 Omaha.....	218.8	218.0	214.1	(3)	(3)	(3)	12.5	13.7	11.7	39.4	39.1	37.6
17 NEVADA ²	227.9	228.4	218.2	3.5	3.5	3.7	15.1	15.4	14.1	9.6	9.5	8.6
18 Las Vegas.....	122.7	123.0	116.0	.1	.1	.1	8.2	8.4	7.2	4.4	4.4	3.7
19 Reno.....	66.6	65.8	63.2	.2	.2	.3	4.8	4.8	4.9	3.4	3.4	3.3
20 NEW HAMPSHIRE.....	276.9	284.0	262.2	.4	.4	.4	13.8	14.0	12.7	91.6	91.5	85.2
21 Manchester.....	51.0	51.0	50.1	(1)	(1)	(1)	2.2	2.3	2.3	17.2	17.3	16.9
22 NEW JERSEY.....	2,636.3	2,647.0	2,608.1	2.9	2.9	2.8	118.8	120.1	119.6	802.0	798.3	816.8
23 Atlantic City.....	69.2	74.2	67.5	-	-	-	3.9	3.9	3.7	9.6	9.9	9.4
24 Camden.....	271.0	269.0	266.4	.1	.1	.1	15.4	15.5	15.0	67.2	67.5	70.5
25 Jersey City.....	248.7	248.7	250.2	-	-	-	7.3	7.5	7.3	98.3	97.1	99.9
26 Long Branch-Asbury Park.....	129.3	132.4	125.2	.1	.1	.1	7.8	8.1	7.0	21.4	21.6	21.6
27 Newark.....	783.0	781.2	777.9	.6	.6	.7	31.3	31.9	32.4	226.9	225.7	230.4
28 Paterson-Clifton-Passaic.....	510.7	509.9	508.3	.2	.2	.1	23.2	23.5	23.4	178.7	177.2	180.6
29 Perth Amboy.....	284.4	282.7	282.0	.6	.6	.6	12.0	12.0	12.2	105.0	105.0	109.5
30 Trenton.....	139.2	138.3	131.7	(1)	(1)	(1)	3.8	4.0	3.8	37.4	36.7	35.7
31 Vineland-Millville-Bridgeton.....	49.1	49.5	48.8	(1)	(1)	(1)	1.8	1.8	1.8	21.8	22.2	22.0
32 NEW MEXICO.....	324.4	323.8	303.1	16.0	16.1	15.7	22.8	22.9	20.2	25.5	25.2	21.4
33 Albuquerque.....	126.9	125.4	116.7	(1)	(1)	(1)	11.1	11.2	9.0	12.2	12.1	9.7
34 NEW YORK.....	(*)	6,970.4	6,949.8	(*)	7.0	7.5	(*)	253.9	294.3	(*)	1,606.7	1,632.6
35 Albany-Schenectady-Troy.....	282.2	283.2	279.6	(1)	(1)	(1)	15.9	16.1	15.0	58.2	57.8	59.7
36 Binghamton.....	101.7	100.2	101.2	(1)	(1)	(1)	4.4	4.4	4.5	38.2	38.6	38.4
37 Buffalo.....	487.9	483.4	473.2	(1)	(1)	(1)	21.1	20.5	19.6	155.9	152.9	148.0
38 Elmira.....	39.3	37.9	37.7	(1)	(1)	(1)	3.2	3.3	2.3	14.1	13.5	14.3
39 Monroe County.....	300.1	300.0	296.2	(1)	(1)	(1)	13.1	13.3	13.7	124.8	125.5	122.6
40 Nassau and Suffolk Counties.....	738.0	735.4	721.0	(1)	(1)	(1)	38.0	38.8	41.2	141.2	140.1	139.5
41 New York-Northeastern New Jersey.....	(*)	6,466.8	6,464.8	(*)	3.5	3.7	(*)	219.4	258.5	(*)	1,511.8	1,552.3
42 New York-SMSA.....	(*)	4,643.1	4,651.1	(*)	2.5	2.3	(*)	144.4	183.2	(*)	906.0	932.0
43 New York City.....	(*)	3,531.3	3,564.4	(*)	1.5	1.7	(*)	83.8	116.8	(*)	684.9	708.9
44 Rochester.....	343.2	342.3	339.2	(1)	(1)	(1)	13.9	14.2	14.8	140.4	140.7	137.6
45 Rockland County.....	67.6	67.8	66.2	(1)	(1)	(1)	4.8	4.7	4.8	13.5	13.7	14.5
46 Syracuse.....	233.4	230.2	226.4	(1)	(1)	(1)	12.1	12.2	11.3	58.6	58.4	60.6
47 Utica-Rome.....	107.2	107.4	109.4	(1)	(1)	(1)	4.2	4.3	5.0	33.8	33.5	36.0
48 Westchester County.....	304.3	307.5	299.6	(1)	(1)	(1)	17.9	18.3	20.4	67.9	67.3	69.1
49 NORTH CAROLINA.....	1,860.4	1,848.2	1,806.7	4.1	4.1	3.7	100.5	103.0	97.9	739.6	742.4	723.2
50 Asheville.....	-	-	-	-	-	-	-	-	-	21.0	20.9	19.6
51 Charlotte.....	191.1	190.6	186.1	(1)	(1)	(1)	12.9	13.3	12.1	44.1	43.9	42.6
52 Greensboro-Winston-Salem-High Point.....	276.0	273.9	271.2	(1)	(1)	(1)	13.3	13.7	13.5	113.3	114.8	112.5
53 Raleigh.....	-	-	-	-	-	-	-	-	-	14.8	14.7	14.7
54 NORTH DAKOTA.....	(*)	170.1	170.4	(*)	1.7	1.8	(*)	13.2	13.1	(*)	10.9	10.9
55 Fargo-Moorhead.....	(*)	41.9	42.6	(*)	.1	.1	(*)	3.3	3.2	(*)	3.3	3.3
56 OHIO.....	3,914.6	3,873.9	3,845.4	23.6	23.7	22.7	159.3	159.3	160.9	1,353.6	1,331.3	1,333.6
57 Akron.....	246.2	243.1	243.6	.3	.3	.3	8.6	8.8	8.4	89.4	88.1	91.4
58 Canton.....	139.0	138.9	135.5	.4	.4	.4	4.5	4.6	4.7	57.7	58.1	56.6
59 Cincinnati.....	503.8	499.4	504.0	.4	.4	.4	21.8	21.3	21.0	152.8	151.3	159.4

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971
1	OHIO—Continued												
2	Cleveland	845.1	842.0	832.8	1.7	1.7	1.5	30.8	30.8	31.6	274.8	270.3	271.1
3	Columbus	394.2	390.6	382.7	.8	.8	.8	19.4	19.7	19.7	85.2	84.2	84.7
4	Dayton	321.9	316.9	319.9	.5	.5	.5	12.1	12.1	12.2	115.6	112.5	114.5
5	Toledo	250.8	246.2	244.1	.4	.5	.4	11.0	10.9	9.5	82.5	79.9	81.0
6	Youngstown—Warren	204.6	201.1	195.5	.3	.3	.3	7.6	7.5	7.1	90.4	88.5	84.0
7	OKLAHOMA	811.1	807.7	783.4	36.3	36.9	36.7	44.3	45.9	41.5	139.0	137.5	131.1
8	Oklahoma City	276.9	274.4	268.8	6.6	6.6	6.7	15.9	16.3	14.9	39.7	39.3	38.0
9	Tulsa	188.2	187.3	181.6	13.8	13.8	13.4	10.3	10.4	9.2	40.5	40.1	38.3
10	OREGON	794.4	787.1	754.2	1.9	1.8	1.6	42.5	42.7	37.4	195.6	196.2	187.6
11	Eugene—Springfield	78.6	76.7	72.9	(1)	(1)	(1)	4.3	4.5	3.5	21.4	21.2	20.7
12	Portland	415.3	411.4	393.0	(1)	(1)	(1)	24.6	24.6	20.7	90.8	90.8	88.3
13	Salem	65.0	66.3	62.8	(1)	(1)	(1)	3.4	3.4	3.2	16.5	17.7	15.5
14	PENNSYLVANIA	4,347.3	4,331.7	4,315.1	40.0	38.6	41.8	231.7	234.9	216.6	1,433.6	1,429.9	1,419.2
15	Allentown—Bethlehem—Easton	218.8	218.1	219.1	.6	.6	.6	9.7	9.7	9.0	99.4	99.8	100.2
16	Alltoona	47.5	47.9	48.3	(1)	(1)	(1)	2.4	2.4	2.1	14.3	14.6	15.0
17	Delaware Valley ¹⁰	1,529.3	1,522.1	1,513.3	1.1	1.2	1.2	82.4	81.5	77.5	435.9	435.3	438.6
18	Erie	101.7	100.2	100.1	(1)	(1)	(1)	3.7	3.8	3.9	44.7	44.3	44.0
19	Harrisburg	179.9	178.5	179.0	(1)	(1)	(1)	10.3	10.3	9.7	39.4	39.1	40.0
20	Johnstown	81.8	81.9	77.2	5.9	5.9	5.8	3.9	3.8	3.3	24.1	24.7	22.0
21	Lancaster	129.4	129.2	124.9	(1)	(1)	(1)	7.9	8.1	6.9	55.3	55.6	54.0
22	Philadelphia SMSA	1,800.4	1,790.8	1,779.8	1.3	1.3	1.3	97.9	97.0	92.5	503.0	502.7	509.1
23	Philadelphia City ¹¹	880.6	882.0	883.7	-	-	-	34.8	34.0	33.1	214.6	214.9	217.7
24	Pittsburgh	875.5	861.7	864.8	10.1	10.1	10.3	52.1	52.9	49.8	260.4	256.4	253.5
25	Reading	123.3	124.2	122.8	(1)	(1)	(1)	4.6	4.8	4.5	52.6	54.5	54.2
26	Scranton	87.5	87.8	87.6	.3	.3	.4	3.0	3.1	2.9	33.2	33.2	33.7
27	Wilkes-Barre—Hazleton	124.1	123.0	122.4	1.6	1.6	1.9	8.8	7.9	6.8	48.2	48.0	49.7
28	York	137.4	135.9	135.3	(1)	(1)	(1)	11.2	11.8	10.2	60.2	60.3	59.8
29	RHODE ISLAND	344.9	344.5	344.3	(1)	(1)	(1)	14.4	14.8	15.2	117.2	117.0	115.4
30	Providence—Warwick—Pawtucket	358.3	358.0	356.0	(1)	(1)	(1)	14.4	14.8	15.2	131.4	131.3	129.8
31	SOUTH CAROLINA	908.4	903.1	869.6	1.6	1.6	1.6	59.2	62.0	54.5	350.5	352.0	339.7
32	Charleston	(*)	89.3	90.0	(*)	(*)	(*)	6.7	6.2	6.2	(*)	13.3	13.7
33	Columbia	124.9	123.1	116.8	(1)	(1)	(1)	10.0	10.2	8.4	21.6	21.8	20.3
34	Greenville	131.1	130.0	125.4	(1)	(1)	(1)	9.3	9.3	9.1	58.1	57.8	54.6
35	SOUTH DAKOTA	184.0	180.8	182.9	2.2	.8	2.3	8.8	9.2	8.8	18.0	18.1	16.4
36	Rapid City	21.3	21.5	20.2	.1	.1	.1	1.2	1.3	1.4	2.6	2.7	1.9
37	Sioux Falls	35.3	34.9	35.5	(1)	(1)	(1)	1.5	1.6	1.8	6.2	6.2	6.3
38	TENNESSEE	1,426.8	1,419.0	1,369.2	6.9	6.8	7.3	79.1	79.5	73.1	483.8	481.2	462.8
39	Chattanooga	135.8	134.5	132.5	.3	.3	.3	6.0	6.1	5.8	53.8	53.1	52.9
40	Knoxville	160.2	159.8	149.4	1.6	1.6	1.6	8.7	8.7	7.3	49.8	49.5	46.6
41	Memphis	294.9	294.7	283.3	.4	.4	.3	16.3	16.7	18.0	59.0	59.3	57.6
42	Nashville	230.2	230.0	225.1	(1)	(1)	(1)	13.5	13.5	13.3	61.0	60.7	57.8
43	TEXAS	3,813.5	3,784.3	3,690.4	100.8	102.6	101.3	248.5	250.3	228.2	727.5	723.2	715.5
44	Amarillo	51.7	51.1	52.4	(1)	(1)	(1)	2.8	2.8	2.9	6.9	6.9	7.3
45	Austin	130.7	127.6	123.7	(1)	(1)	(1)	9.9	10.1	9.0	13.2	13.2	12.5
46	Beaumont—Port Arthur—Orange	109.3	108.0	108.2	(1)	(1)	(1)	9.8	9.5	8.3	37.2	37.3	37.2
47	Corpus Christi	88.1	89.2	87.3	3.3	3.4	3.5	7.5	7.8	6.8	11.0	11.0	11.0
48	Dallas	690.9	684.6	664.5	8.3	8.5	8.4	41.6	42.1	39.4	150.5	150.0	145.1
49	El Paso	116.7	115.4	112.5	(1)	(1)	(1)	8.1	8.3	7.7	28.5	27.7	27.7
50	Fort Worth	258.8	255.4	254.8	1.2	1.2	1.1	13.3	13.1	12.4	70.7	68.4	71.1
51	Galveston—Texas City	55.8	56.3	54.8	(1)	(1)	(1)	4.1	4.0	3.6	10.8	11.0	11.2
52	Houston	825.1	817.9	795.3	30.4	30.7	29.8	73.2	73.7	71.0	148.0	145.0	146.4
53	Lubbock	60.8	58.8	58.5	(1)	(1)	(1)	3.4	3.7	3.5	7.4	7.4	7.7
54	San Antonio	274.9	276.5	269.2	1.4	1.4	1.2	16.5	16.4	15.0	34.6	34.6	33.1
55	Waco	51.9	50.4	51.0	(1)	(1)	(1)	3.2	3.2	3.0	12.7	12.4	12.2
56	Wichita Falls	38.0	37.1	37.3	2.1	2.1	2.2	1.3	1.4	1.3	5.4	5.3	5.0
57	UTAH	(*)	(*)	374.6	(*)	(*)	12.2	(*)	(*)	20.0	(*)	(*)	57.9
58	Salt Lake City	(*)	(*)	205.2	(*)	(*)	7.6	(*)	(*)	12.1	(*)	(*)	31.4
59	VERMONT	154.8	157.0	151.1	.9	.9	.9	10.7	10.7	10.3	38.8	39.1	38.3
60	Burlington ¹²	39.4	38.7	38.5	-	-	-	-	-	-	8.6	8.8	9.3
61	Springfield ¹²	12.8	12.8	12.3	-	-	-	-	-	-	5.4	5.4	5.2

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Table with 16 columns: Industry Division (Transportation and public utilities, Wholesale and retail trade, Finance, insurance, and real estate, Services, Government) and 15 rows of data (Sept. 1972, Aug. 1972, Sept. 1971, etc.).

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971	Sept. 1972 ^p	Aug. 1972	Sept. 1971
1	VIRGINIA ⁴	1,576.0	1,556.1	1,524.5	17.1	17.1	16.3	105.3	107.1	103.6	383.8	383.5	367.0
2	Lynchburg	53.1	52.3	52.3	(¹)	(¹)	(¹)	2.9	3.1	2.9	23.9	23.3	23.4
3	Newport News-Hampton	107.9	108.2	101.9	(¹)	(¹)	(¹)	5.7	5.8	5.6	33.4	33.8	29.3
4	Norfolk-Virginia Beach-Portsmouth	211.4	211.0	206.4	(¹)	(¹)	(¹)	15.4	15.7	15.4	19.5	19.3	19.6
5	Northern Virginia ¹³	290.2	287.3	281.2	.4	.4	.4	23.3	24.3	21.1	10.4	10.4	10.2
6	Richmond	252.9	248.5	243.1	.2	.2	.2	15.7	15.0	15.3	51.2	51.5	49.9
7	Roanoke	86.0	86.6	84.9	.1	.1	.1	5.3	5.1	5.2	19.9	20.1	19.2
8	WASHINGTON	1,110.9	1,095.0	1,072.9	1.8	1.8	1.8	58.9	60.2	61.6	231.2	230.1	220.0
9	Seattle-Everett	494.8	493.9	482.2	(¹)	(¹)	(¹)	22.3	22.5	22.4	108.6	108.3	101.9
10	Spokane	93.8	92.4	92.6	(¹)	(¹)	(¹)	5.7	6.0	5.6	13.1	13.1	12.4
11	Tacoma	107.8	107.1	105.7	(¹)	(¹)	(¹)	5.4	5.5	5.0	20.0	20.1	19.4
12	WEST VIRGINIA	532.0	525.5	534.1	54.3	54.9	55.9	32.9	33.3	32.7	122.7	122.2	123.8
13	Charleston	83.0	83.2	83.2	4.2	4.2	4.5	5.0	5.0	4.7	14.5	14.6	15.8
14	Huntington-Ashland	81.7	81.3	81.9	.7	.7	.7	3.7	3.7	3.6	26.8	26.4	26.5
15	Wheeling	60.4	59.9	58.6	5.5	5.5	5.5	3.2	3.2	3.3	15.8	15.6	14.5
16	WISCONSIN	1,592.5	1,578.5	1,558.4	2.8	2.8	2.8	66.8	67.1	69.9	506.9	507.0	494.2
17	Appleton-Oshkosh	102.8	100.0	100.1	(¹)	(¹)	(¹)	4.0	3.9	4.5	40.1	39.8	38.6
18	Green Bay	59.2	58.7	57.5	(¹)	(¹)	(¹)	3.1	3.1	3.0	18.5	18.6	18.1
19	Kenosha	37.5	36.0	36.3	(¹)	(¹)	(¹)	1.3	1.3	1.5	16.3	15.4	15.6
20	La Crosse	31.6	30.5	30.9	(¹)	(¹)	(¹)	1.3	1.2	1.3	8.6	8.7	8.6
21	Madison	124.8	121.1	122.6	(¹)	(¹)	(¹)	6.3	6.5	7.3	15.6	15.7	15.3
22	Milwaukee	572.6	569.5	562.9	(¹)	(¹)	(¹)	22.5	22.4	22.2	196.9	197.2	194.3
23	Racine	56.2	55.9	54.2	(¹)	(¹)	(¹)	1.8	1.9	1.9	25.0	24.8	23.6
24	WYOMING	123.6	125.3	115.2	13.0	13.1	11.6	11.7	12.0	9.4	7.2	7.2	7.4
25	Casper	20.8	21.0	20.3	3.0	3.1	2.9	1.8	1.9	1.6	1.7	1.6	1.7
26	Cheyenne	19.6	19.7	19.0	(¹)	(¹)	(¹)	1.3	1.3	1.2	1.0	1.0	1.0

¹ Combined with services.
² Revised to 1972 benchmark; not strictly comparable with previously published data.
³ Combined with construction.
⁴ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.
⁵ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
⁷ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁸ Subarea of Rochester Standard Metropolitan Statistical Area.
⁹ Subarea of New York Standard Metropolitan Statistical Area.
¹⁰ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
¹¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
¹² Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
¹³ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
^{*} Not available.
^p preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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			
Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	
100.1	100.6	99.6	322.6	321.0	314.9	77.3	77.7	72.7	237.1	239.3	230.6	332.7	309.8	319.8	1
2.6	2.6	2.6	8.6	8.5	8.7	2.2	2.2	2.2	6.8	6.8	6.7	6.1	5.8	5.8	2
3.8	3.8	3.8	18.3	18.5	17.1	3.4	3.4	3.1	13.1	13.6	13.2	30.2	29.3	29.8	3
16.9	16.6	16.2	51.6	51.8	50.1	10.5	10.5	10.1	33.9	36.5	32.4	63.6	60.6	62.6	4
21.3	21.5	21.3	67.8	67.5	64.7	19.1	19.2	17.3	52.6	52.4	51.8	95.3	91.6	94.4	5
18.7	19.0	18.5	56.3	55.9	55.3	19.4	19.6	19.1	37.9	37.8	36.7	53.5	49.5	48.1	6
10.6	10.9	10.7	19.5	19.6	19.3	4.6	4.6	4.5	14.3	14.4	14.7	11.7	11.8	11.2	7
70.9	71.0	68.7	248.2	245.6	240.5	61.2	61.6	57.8	180.7	179.4	173.9	258.0	245.3	248.6	8
37.1	37.4	37.2	112.8	112.3	110.6	35.1	35.3	34.1	82.6	82.4	80.6	96.3	95.7	95.4	9
7.2	7.1	7.3	24.9	24.8	24.1	5.7	5.7	5.4	19.9	19.2	19.8	17.3	16.5	18.0	10
6.2	6.3	5.9	23.9	23.2	23.6	5.6	5.6	5.9	19.3	19.0	18.6	27.4	27.4	27.3	11
40.5	40.8	41.6	97.2	97.2	97.1	16.6	16.6	16.2	68.0	67.5	68.2	99.8	93.1	98.6	12
8.6	8.6	8.5	19.6	19.5	18.8	4.0	4.1	4.0	13.2	13.1	13.0	13.9	14.1	13.9	13
7.1	7.1	7.6	17.1	17.2	17.0	2.9	2.9	2.9	10.7	10.8	11.0	12.7	12.5	12.7	14
3.9	3.8	3.8	12.6	12.6	12.2	2.3	2.3	2.2	10.4	10.2	10.2	6.7	6.7	6.8	15
84.0	81.2	82.4	348.1	345.9	337.3	64.7	65.3	62.5	246.6	247.5	241.6	272.5	261.6	267.6	16
4.4	4.3	4.3	21.8	21.0	21.3	3.7	3.7	3.6	14.2	13.9	13.7	14.6	13.3	14.1	17
5.2	5.1	4.8	13.7	13.8	13.7	1.6	1.6	1.5	9.3	9.1	9.0	7.9	7.4	7.5	18
1.3	1.3	1.3	7.1	7.0	6.8	.7	.7	.7	5.6	5.6	5.3	5.1	4.7	5.0	19
2.2	2.2	2.2	7.7	7.4	7.4	.7	.7	.7	6.1	5.9	6.1	5.1	4.4	4.6	20
5.5	5.4	5.4	26.7	26.1	25.5	6.8	6.9	6.4	19.0	18.7	18.3	44.9	41.8	44.4	21
31.0	30.3	30.7	123.2	122.2	120.6	29.4	29.7	28.8	93.6	93.3	93.0	75.9	74.5	73.2	22
2.1	1.9	2.0	10.0	10.0	9.8	1.6	1.6	1.5	8.0	8.1	8.0	7.7	7.8	7.3	23
11.0	11.1	10.8	26.6	27.6	25.3	3.8	3.8	3.7	17.9	19.9	17.7	32.4	30.6	29.3	24
1.8	1.8	1.8	4.8	5.0	4.9	1.0	1.0	.9	2.8	3.0	2.8	3.9	3.6	3.7	25
2.6	2.6	2.6	4.4	4.5	4.1	1.0	1.0	1.0	3.3	3.4	3.2	6.0	5.9	5.9	26

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

80

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971
	TOTAL PRIVATE	\$139.13	\$139.13	\$137.62	\$129.50	\$129.50	\$3.73	\$3.72	\$3.66	\$3.50	\$3.50
	MINING	182.00	189.62	186.60	167.78	175.14	4.40	4.42	4.37	3.92	4.16
10	METAL MINING	-	192.36	188.03	173.32	180.04	-	4.58	4.52	4.29	4.37
101	Iron ores.....	-	190.35	180.18	177.18	183.92	-	4.50	4.46	4.52	4.53
102	Copper ores.....	-	198.24	195.57	175.44	189.08	-	4.72	4.69	4.30	4.47
11,12	COAL MINING	-	214.43	210.89	160.52	188.81	-	5.23	5.22	4.35	4.78
12	Bituminous coal and lignite mining...	-	216.60	211.98	164.89	190.39	-	5.27	5.26	4.53	4.82
13	OIL AND GAS EXTRACTION	-	170.85	169.92	162.54	163.11	-	4.02	3.97	3.78	3.82
131,2	Crude petroleum and natural gas fields...	-	186.26	177.76	169.30	174.70	-	4.51	4.40	4.17	4.23
138	Oil and gas field services.....	-	160.64	164.28	157.34	154.70	-	3.71	3.70	3.52	3.54
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	188.33	186.53	175.56	173.50	-	4.05	4.02	3.80	3.83
142	Crushed and broken stone.....	-	192.15	189.21	178.67	174.09	-	3.97	3.95	3.73	3.76
	CONTRACT CONSTRUCTION	236.31	234.17	230.35	224.23	215.13	6.17	6.13	6.03	5.87	5.83
15	GENERAL BUILDING CONTRACTORS	-	216.53	213.07	208.85	199.72	-	5.90	5.79	5.66	5.61
16	HEAVY CONSTRUCTION CONTRACTORS	-	235.76	234.05	228.23	215.33	-	5.60	5.52	5.37	5.33
161	Highway and street construction.....	-	234.90	232.92	228.46	216.84	-	5.40	5.33	5.24	5.20
162	Heavy construction, nec.....	-	237.05	234.52	228.67	214.27	-	5.81	5.72	5.51	5.48
17	SPECIAL TRADE CONTRACTORS	-	244.40	239.67	231.99	224.28	-	6.57	6.46	6.27	6.23
171	Plumbing, heating, air conditioning....	-	253.55	248.41	239.02	232.36	-	6.62	6.52	6.34	6.28
172	Painting, paper hanging, decorating....	-	214.07	209.45	203.68	196.54	-	6.03	5.90	5.77	5.73
173	Electrical work.....	-	279.75	273.79	263.93	250.86	-	7.21	7.13	6.82	6.78
174	Masonry, stonework, and plastering....	-	223.91	221.33	213.14	207.47	-	6.49	6.36	6.16	6.12
176	Roofing and sheetmetal work.....	-	198.99	197.57	193.90	182.91	-	5.87	5.76	5.54	5.46
	MANUFACTURING	157.90	157.87	154.28	143.60	143.28	3.87	3.86	3.80	3.59	3.60
19,24,25, 32-39	DURABLE GOODS	170.57	170.98	166.04	154.71	152.80	4.11	4.11	4.04	3.82	3.82
20-23,26-31	NONDURABLE GOODS ..	140.10	140.40	138.80	129.63	130.75	3.52	3.51	3.47	3.29	3.31
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	172.64	174.30	174.66	162.63	162.99	4.15	4.15	4.10	3.90	3.89
192	Ammunition, except for small arms...	(*)	172.58	172.98	157.38	155.77	(*)	4.08	4.07	3.82	3.79
1925	Complete guided missiles.....	-	198.00	195.36	187.06	184.46	-	4.50	4.45	4.33	4.32
1929	Ammunition, exc. for small arms, nec	-	149.37	152.44	133.06	133.27	-	3.67	3.70	3.36	3.34
24	LUMBER AND WOOD PRODUCTS	137.76	140.61	137.86	132.02	130.41	3.36	3.38	3.33	3.22	3.22
242	Sawmills and planing mills.....	(*)	136.27	133.54	126.90	125.86	(*)	3.26	3.21	3.08	3.10
2421	Sawmills and planing mills, general...	-	140.78	138.03	131.33	130.24	-	3.36	3.31	3.18	3.20
243	Millwork, plywood & related products...	147.26	146.78	146.65	139.26	139.33	3.54	3.52	3.50	3.38	3.39
2431	Millwork.....	-	140.88	139.19	133.90	133.39	-	3.47	3.42	3.29	3.31
2432	Veneer and plywood.....	-	149.53	149.37	140.69	140.27	-	3.51	3.49	3.39	3.38
244	Wooden containers.....	(*)	105.47	107.60	100.22	97.54	(*)	2.67	2.69	2.55	2.54
2441,2	Wooden boxes, shooks, and crates...	-	103.08	104.00	95.80	93.84	-	2.59	2.60	2.45	2.45
249	Miscellaneous wood products.....	(*)	120.80	118.28	113.44	113.16	(*)	2.89	2.85	2.74	2.76
25	FURNITURE AND FIXTURES	129.37	127.51	126.28	118.37	118.00	3.14	3.11	3.08	2.93	2.95
251	Household furniture.....	(*)	119.25	118.61	112.19	111.20	(*)	2.93	2.90	2.77	2.78
2511	Wood household furniture.....	-	113.58	113.71	105.82	104.00	-	2.75	2.74	2.60	2.60
2512	Upholstered household furniture.....	-	127.26	123.51	120.58	119.20	-	3.15	3.08	2.97	2.98
2515	Mattresses and bedsprings.....	-	127.83	127.60	118.34	124.09	-	3.22	3.19	3.05	3.11
252	Office furniture.....	-	153.94	151.44	142.61	143.45	-	3.58	3.53	3.42	3.44
254	Partitions and fixtures.....	-	159.36	155.70	141.55	143.60	-	3.84	3.77	3.53	3.59
253,9	Other furniture and fixtures.....	140.76	137.90	135.53	124.90	124.73	3.40	3.38	3.33	3.17	3.19
32	STONE, CLAY, AND GLASS PRODUCTS ..	170.45	168.78	167.90	157.41	157.13	4.02	3.99	3.96	3.73	3.75
321	Flat glass.....	-	212.72	211.93	196.99	200.07	-	4.97	4.94	4.56	4.61
322	Glass and glassware, pressed or blown	(*)	164.02	161.99	152.31	153.90	(*)	4.03	3.99	3.77	3.80
3221	Glass containers.....	-	173.42	173.05	158.30	158.39	-	4.24	4.18	3.88	3.94
3229	Pressed and blown glass, nec.....	-	151.50	146.92	142.13	146.83	-	3.75	3.71	3.58	3.59
324	Cement, hydraulic.....	(*)	221.34	219.14	204.96	209.95	(*)	5.27	5.23	4.88	4.94
325	Structural clay products.....	133.12	132.80	132.19	121.58	123.30	3.20	3.20	3.17	2.98	3.00
3251	Brick and structural clay tile.....	-	126.84	127.32	118.44	119.28	-	3.02	3.01	2.82	2.84
326	Pottery and related products.....	-	133.57	133.96	127.59	126.39	-	3.39	3.40	3.23	3.30
327	Concrete, gypsum, and plaster products	(*)	184.61	184.42	173.44	170.23	(*)	4.13	4.08	3.88	3.86
328,9	Other stone and nonmetallic mineral products	(*)	165.09	162.27	150.06	150.84	(*)	3.94	3.91	3.66	3.67
3291	Abrasive products.....	-	165.23	158.38	140.99	139.12	-	4.10	4.03	3.72	3.70

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971
-	TOTAL PRIVATE	37.3	37.4	37.6	37.0	37.0	-	-	-	-	-
-	MINING	42.5	42.9	42.7	42.8	42.1	-	-	-	-	-
10	METAL MINING	-	42.0	41.6	40.4	41.2	-	-	-	-	-
101	Iron ores	-	42.3	40.4	39.2	40.6	-	-	-	-	-
102	Copper ores	-	42.0	41.7	40.8	42.3	-	-	-	-	-
11,12	COAL MINING	-	41.0	40.4	36.9	39.5	-	-	-	-	-
12	Bituminous coal and lignite mining . .	-	41.1	40.3	36.4	39.5	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	42.5	42.8	43.0	42.7	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	41.3	40.4	40.6	41.3	-	-	-	-	-
138	Oil and gas field services	-	43.3	44.4	44.7	43.7	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.5	46.4	46.2	45.3	-	-	-	-	-
142	Crushed and broken stone	-	48.4	47.9	47.9	46.3	-	-	-	-	-
-	CONTRACT CONSTRUCTION	38.3	38.2	38.2	38.2	36.9	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	36.7	36.8	36.9	35.6	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS . .	-	42.1	42.4	42.5	40.4	-	-	-	-	-
161	Highway and street construction	-	43.5	43.7	43.6	41.7	-	-	-	-	-
162	Heavy construction, n e c	-	40.8	41.0	41.5	39.1	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	37.2	37.1	37.0	36.0	-	-	-	-	-
171	Plumbing, heating, air conditioning . .	-	38.3	38.1	37.7	37.0	-	-	-	-	-
172	Painting, paper hanging, decorating . .	-	35.5	35.5	35.3	34.3	-	-	-	-	-
173	Electrical work	-	38.8	38.4	38.7	37.0	-	-	-	-	-
174	Masonry, stonework, and plastering . .	-	34.5	34.8	34.6	33.9	-	-	-	-	-
176	Roofing and sheer metal work	-	33.9	34.3	35.0	33.5	-	-	-	-	-
-	MANUFACTURING	40.8	40.9	40.6	40.0	39.8	3.7	3.9	3.6	3.1	3.1
19,24,25,32-39	DURABLE GOODS	41.5	41.6	41.1	40.5	40.0	3.9	4.1	3.6	3.0	3.0
20-23,26-31	NONDURABLE GOODS	39.8	40.0	40.0	39.4	39.5	3.5	3.7	3.5	3.2	3.4
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	41.6	42.0	42.6	41.7	41.9	-	3.4	3.5	2.9	2.7
192	Ammunition, except for small arms . .	(*)	42.3	42.5	41.2	41.1	-	3.4	3.5	2.5	2.4
1925	Complete guided missiles	-	44.0	43.9	43.2	42.7	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	40.7	41.2	39.6	39.9	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	41.0	41.6	41.4	41.0	40.5	-	4.6	4.4	4.0	3.9
242	Sawmills and planing mills	(*)	41.8	41.6	41.2	40.6	-	5.0	4.8	4.4	4.1
2421	Sawmills and planing mills, general	-	41.9	41.7	41.3	40.7	-	-	-	-	-
243	Millwork, plywood & related products.	41.6	41.7	41.9	41.2	41.1	-	4.2	4.3	3.9	4.0
2431	Millwork	-	40.6	40.7	40.7	40.3	-	-	-	-	-
2432	Veneer and plywood	-	42.6	42.8	41.5	41.5	-	-	-	-	-
244	Wooden containers	(*)	39.5	40.0	39.3	39.4	-	3.5	3.1	3.0	2.7
2441,2	Wooden boxes, shooks, and crates . . .	-	39.8	40.0	39.1	38.3	-	-	-	-	-
249	Miscellaneous wood products	(*)	41.8	41.5	41.4	41.0	-	4.5	4.2	3.8	3.8
25	FURNITURE AND FIXTURES	41.2	41.0	41.0	40.4	40.0	-	3.8	3.6	3.1	3.0
251	Household furniture	(*)	40.7	40.9	40.5	40.0	-	3.5	3.4	3.1	2.8
2511	Wood household furniture	-	41.3	41.5	40.7	40.0	-	3.9	3.9	3.3	2.9
2512	Upholstered household furniture	-	40.4	40.1	40.6	40.0	-	-	-	-	-
2515	Mattresses and bedsprings	-	39.7	40.0	38.8	39.9	-	-	-	-	-
252	Office furniture	-	43.0	42.9	41.7	41.7	-	5.5	4.5	4.2	4.1
254	Partitions and fixtures	-	41.5	41.3	40.1	40.0	-	4.6	4.3	2.9	3.4
253,9	Other furniture and fixtures	41.4	40.8	40.7	39.4	39.1	-	3.6	3.3	2.5	2.8
32	STONE, CLAY, AND GLASS PRODUCTS . .	42.4	42.3	42.4	42.2	41.9	-	5.3	5.2	5.1	5.0
321	Flat glass	-	42.8	42.9	43.2	43.4	-	5.7	4.7	5.3	5.4
322	Glass and glassware, pressed or blown	(*)	40.7	40.6	40.4	40.5	-	4.8	4.5	4.4	5.3
3221	Glass containers	-	40.9	41.4	40.8	40.2	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	40.4	39.6	39.7	40.9	-	4.3	3.3	2.7	5.1
324	Cement, hydraulic	(*)	42.0	41.9	42.0	42.5	-	3.1	3.2	3.2	3.6
325	Structural clay products	41.6	41.5	41.7	40.8	41.1	-	4.4	4.4	3.9	4.0
3251	Brick and structural clay tile	-	42.0	42.3	42.0	42.0	-	-	-	-	-
326	Pottery and related products	-	39.4	39.4	39.5	38.3	-	2.6	2.6	2.6	2.4
327	Concrete, gypsum and plaster products	(*)	44.7	45.2	44.7	44.1	-	7.5	7.7	7.3	6.5
328,9	Other stone and nonmetallic mineral products	(*)	41.9	41.5	41.0	41.1	-	4.5	4.1	4.0	4.0
3291	Abrasive products	-	40.3	39.3	37.9	37.6	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	42.1	42.0	41.5	39.7	39.5	-	4.2	3.7	2.7	2.7
331	Blast furnace and basic steel products	(*)	41.1	41.2	38.2	38.3	-	3.1	2.8	1.5	1.6
3312	Blast furnaces and steel mills	-	40.7	40.9	37.8	38.0	-	2.8	2.5	1.2	1.3
332	Iron and steel foundries	(*)	42.3	41.2	41.2	40.2	-	5.1	4.2	4.1	3.7
3321	Gray iron foundries	-	42.9	41.5	41.7	40.6	-	5.8	4.7	4.6	4.3
3322	Malleable iron foundries	-	42.1	41.6	42.2	40.7	-	-	-	-	-
3323	Steel foundries	-	40.7	40.2	39.5	38.9	-	3.3	3.0	2.6	2.4
333,4	Nonferrous metals	(*)	42.3	42.0	41.3	41.7	-	4.2	3.7	3.7	4.1
3334	Primary aluminum	-	42.1	41.8	40.9	40.4	-	-	-	-	-
335	Nonferrous rolling and drawing	43.8	43.9	42.8	41.1	41.4	-	6.1	5.1	3.8	4.0
3351	Copper rolling and drawing	-	45.1	44.0	40.6	41.2	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.3	42.7	41.0	41.3	-	5.7	5.4	3.8	4.0
3357	Nonferrous wire drawing and insulating	-	44.2	42.5	41.5	41.8	-	6.2	4.6	4.1	3.8
336	Nonferrous foundries	(*)	41.8	41.5	39.9	38.8	-	4.0	4.1	2.8	2.4
3361	Aluminum castings	-	41.2	40.6	39.9	38.9	-	-	-	-	-
3362,9	Other nonferrous castings	-	42.4	42.4	40.0	38.7	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	42.5	41.4	39.9	39.6	-	5.2	4.5	2.9	2.9
3391	Iron and steel forgings	-	42.3	40.8	39.5	39.1	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.2	41.5	41.3	40.4	40.0	-	4.1	3.7	2.9	2.9
341	Metal cans	42.6	43.4	45.0	40.9	41.7	-	4.7	5.1	2.6	3.9
342	Cutlery, hand tools, and hardware	(*)	41.3	41.2	40.9	39.9	-	3.3	3.3	2.9	2.6
3421,3,5	Cutlery and hand tools, incl. saws	-	41.8	41.1	41.0	40.3	-	-	-	-	-
3429	Hardware, n e c	-	41.0	41.3	40.8	39.6	-	-	-	-	-
343	Plumbing and heating, except electric	(*)	40.5	40.3	40.2	39.7	-	3.5	2.8	2.7	2.7
3431,2	Sanitary ware & plumbers' brass goods	-	40.9	40.4	40.7	39.7	-	-	-	-	-
3433	Heating equipment, except electric	-	40.0	40.1	39.8	39.6	-	-	-	-	-
344	Fabricated structural metal products	40.6	41.0	40.7	40.3	40.2	-	3.7	3.3	2.9	2.8
3441	Fabricated structural steel	-	41.2	41.2	41.6	41.3	-	3.5	3.5	3.6	3.7
3442	Metal doors, sash, and trim	-	39.6	39.5	39.0	39.5	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	41.0	40.6	39.5	39.4	-	3.6	3.3	1.9	1.7
3444	Sheet metal work	-	41.4	40.9	40.6	40.1	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.9	41.1	41.1	40.5	-	-	-	-	-
345	Screw machine products, bolts, etc.	(*)	43.2	42.8	41.6	40.5	-	5.3	4.8	3.7	3.0
3451	Screw machine products	-	42.8	42.7	41.0	39.8	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	43.6	42.8	42.0	41.1	-	-	-	-	-
346	Metal stampings	(*)	42.2	42.1	40.4	39.5	-	5.1	4.5	2.9	3.0
347	Metal services, n e c	(*)	40.5	40.4	40.0	39.6	-	4.1	3.6	3.4	3.1
348	Misc. fabricated wire products	40.9	41.3	40.9	40.1	40.0	-	3.9	3.3	3.2	2.8
349	Misc. fabricated metal products	40.8	41.2	40.6	39.8	39.5	-	3.7	3.3	2.4	2.2
3494,8	Valves, pipe, and pipe fittings	-	41.3	40.7	40.1	39.5	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.0	42.4	41.8	40.8	40.6	-	4.4	3.8	2.9	2.9
351	Engines and turbines	(*)	41.9	40.2	40.8	41.0	-	4.3	3.8	3.5	4.4
3511	Steam engines and turbines	-	42.0	39.7	41.4	41.8	-	-	-	-	-
3519	Internal combustion engines, n e c	-	41.8	40.4	40.5	40.5	-	-	-	-	-
352	Farm machinery	-	42.7	41.7	40.3	40.9	-	4.6	3.3	2.8	2.5
353	Construction and related machinery	(*)	42.3	41.6	40.4	40.3	-	4.0	3.5	2.3	2.4
3531,2	Construction and mining machinery	-	42.5	42.1	40.8	40.3	-	4.2	3.5	2.4	2.3
3533	Oil field machinery	-	43.1	42.5	41.0	41.2	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	41.5	41.1	40.0	40.4	-	-	-	-	-
3537	Industrial trucks and tractors	-	40.8	39.3	39.0	39.1	-	-	-	-	-
354	Metal working machinery	(*)	43.4	42.7	41.0	40.4	-	5.4	4.6	3.1	2.8
3541	Machine tools, metal cutting types	-	43.8	42.7	40.0	39.6	-	4.9	4.3	2.1	2.0
3544	Special dies, tools, jigs, & fixtures	-	44.7	43.7	42.4	41.4	-	-	-	-	-
3545	Machine tool accessories	-	42.2	42.2	39.6	39.2	-	3.5	3.4	1.8	1.3
3542,8	Misc. metal working machinery	-	41.5	41.3	40.1	39.9	-	-	-	-	-
355	Special industry machinery	42.5	42.4	41.7	40.7	40.6	-	4.2	3.7	2.6	2.7
3551	Food products machinery	-	42.0	41.9	40.3	40.1	-	-	-	-	-
3552	Textile machinery	-	41.3	40.3	39.5	39.7	-	-	-	-	-
3555	Printing trades machinery	-	44.5	43.9	43.2	43.1	-	-	-	-	-
356	General industrial machinery	(*)	42.3	41.7	40.6	40.2	-	4.4	3.9	2.7	2.4
3561	Pumps and compressors	-	41.8	41.8	40.8	40.1	-	4.1	3.8	3.2	2.7
3562	Ball and roller bearings	-	43.6	42.6	40.8	40.6	-	5.5	4.6	2.8	2.1
3564	Blowers and fans	-	41.9	41.4	41.0	41.1	-	-	-	-	-
3566	Power transmission equipment	-	43.2	42.3	40.6	39.7	-	5.1	4.0	2.4	2.1
357	Office and computing machines	43.6	43.1	42.4	42.1	42.4	-	3.9	2.9	3.2	3.5
3573	Electronic computing equipment	-	44.2	43.4	43.3	43.6	-	-	-	-	-
358	Service industry machines	(*)	40.4	40.6	39.7	39.4	-	2.7	3.1	2.1	2.6
3585	Refrigeration machinery	-	40.5	41.0	39.7	39.2	-	2.7	3.1	2.2	2.7
359	Misc. machinery, except electrical	(*)	42.6	41.9	41.1	40.8	-	4.9	4.4	3.7	3.6

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$ 151.03	\$ 152.15	\$ 149.04	\$ 140.35	\$ 140.05	\$ 3.72	\$ 3.72	\$ 3.68	\$ 3.50	\$ 3.51
361	Electric test & distributing equipment...	159.03	156.65	155.04	148.27	149.78	3.86	3.83	3.80	3.67	3.68
3611	Electric measuring instruments...	-	138.51	138.79	131.13	131.63	-	3.42	3.41	3.27	3.25
3612	Transformers...	-	155.12	153.18	142.96	145.56	-	3.83	3.82	3.61	3.63
3613	Switchgear and switchboard apparatus...	-	172.23	169.74	164.80	165.61	-	4.15	4.11	4.00	4.01
362	Electrical industrial apparatus...	(*)	157.66	154.13	142.71	143.47	(*)	3.79	3.75	3.55	3.56
3621	Motors and generators...	-	161.35	156.53	145.08	145.84	-	3.86	3.79	3.60	3.61
3622	Industrial controls...	-	148.56	146.29	135.32	135.38	-	3.65	3.63	3.40	3.41
363	Household appliances...	(*)	159.86	159.86	150.14	150.66	(*)	3.88	3.88	3.68	3.72
3632	Household refrigerators and freezers...	-	178.08	173.89	166.04	168.51	-	4.20	4.18	4.04	4.09
3633	Household laundry equipment...	-	174.96	186.15	171.36	171.33	-	4.32	4.38	4.08	4.06
3634	Electric housewares and fans...	-	127.66	126.40	119.20	112.86	-	3.16	3.16	2.98	2.97
364	Electric lighting and wiring equipment...	(*)	143.47	140.00	130.41	130.41	(*)	3.56	3.50	3.31	3.31
3641	Electric lamps...	-	152.72	142.84	132.20	133.27	-	3.68	3.58	3.33	3.34
3642	Lighting fixtures...	-	142.84	142.36	130.87	130.65	-	3.58	3.55	3.33	3.35
3643,4	Wiring devices...	-	139.55	136.86	128.90	128.44	-	3.48	3.43	3.28	3.26
365	Radio and TV receiving equipment...	(*)	136.34	130.87	125.53	121.52	(*)	3.40	3.33	3.14	3.10
366	Communication equipment...	(*)	171.77	168.08	156.78	157.93	(*)	4.21	4.14	3.90	3.89
3661	Telephone and telegraph apparatus...	-	176.28	170.08	156.42	157.99	-	4.31	4.21	3.95	3.94
3662	Radio and TV communication equipment...	-	168.50	166.87	157.10	157.44	-	4.13	4.09	3.86	3.84
367	Electronic components and accessories...	(*)	126.77	123.78	117.32	117.90	(*)	3.13	3.11	2.97	3.00
3671-3	Electron tubes...	-	153.18	149.00	136.00	132.55	-	3.70	3.67	3.40	3.39
3674,9	Other electronic components...	-	122.11	119.10	113.47	114.76	-	3.03	3.00	2.88	2.92
369	Misc. electrical equipment & supplies...	(*)	173.87	168.08	156.97	150.08	(*)	4.13	4.05	3.81	3.79
3694	Engine electrical equipment...	-	181.86	173.30	161.60	148.19	-	4.33	4.19	3.99	3.91
37	TRANSPORTATION EQUIPMENT ...	204.67	202.50	190.28	180.37	171.65	4.85	4.81	4.71	4.41	4.39
371	Motor vehicles and equipment...	(*)	225.07	205.02	194.58	179.71	(*)	5.21	5.10	4.70	4.68
3711	Motor vehicles...	-	235.88	205.52	198.13	180.07	-	5.41	5.38	4.88	4.88
3712	Passenger car bodies...	-	(*)	197.33	222.80	184.32	-	(*)	5.77	5.11	5.12
3713	Truck and bus bodies...	-	181.89	185.73	149.60	148.90	-	4.30	4.25	3.74	3.76
3714	Motor vehicle parts and accessories...	-	219.81	211.58	195.39	183.94	-	5.10	4.99	4.63	4.61
3715	Truck trailers...	-	152.25	148.34	139.30	140.85	-	3.75	3.69	3.50	3.53
372	Aircraft and parts...	197.13	195.88	191.41	179.20	175.34	4.75	4.72	4.68	4.36	4.34
3721	Aircraft...	-	197.76	196.52	181.69	178.27	-	4.80	4.77	4.41	4.38
3722	Aircraft engines and engine parts...	-	201.24	191.43	177.72	171.30	-	4.78	4.75	4.41	4.37
3723,9	Other aircraft parts and equipment...	-	182.52	179.99	176.40	173.46	-	4.43	4.39	4.19	4.20
373	Ship and boat building and repairing...	167.58	166.84	162.77	155.23	154.83	4.20	4.14	4.10	3.92	3.97
3731	Ship building and repairing...	-	177.28	173.09	163.94	163.44	-	4.41	4.36	4.14	4.18
3732	Boat building and repairing...	-	135.94	132.60	126.01	125.90	-	3.34	3.34	3.19	3.27
374	Railroad equipment...	-	188.67	191.88	175.83	178.88	-	4.85	4.87	4.53	4.54
375,9	Other transportation equipment...	-	142.91	142.80	131.54	135.47	-	3.52	3.50	3.33	3.37
38	INSTRUMENTS AND RELATED PRODUCTS ...	154.57	152.93	149.88	141.95	142.40	3.77	3.73	3.71	3.54	3.56
381	Engineering & scientific instruments...	-	172.55	170.87	163.61	164.32	-	4.25	4.24	4.08	4.16
382	Mechanical measuring & control devices...	149.41	147.83	145.16	137.81	137.55	3.68	3.65	3.62	3.48	3.50
3821	Mechanical measuring devices...	-	147.83	145.96	138.45	136.89	-	3.65	3.64	3.47	3.51
3822	Automatic temperature controls...	-	148.23	144.36	136.07	138.55	-	3.66	3.60	3.48	3.49
383,5	Optical and ophthalmic goods...	(*)	140.01	133.06	126.80	126.96	(*)	3.44	3.36	3.21	3.19
385	Ophthalmic goods...	-	130.49	122.38	117.18	118.29	-	3.23	3.13	3.02	3.01
384	Medical instruments and supplies...	(*)	134.53	133.13	123.78	123.86	(*)	3.33	3.32	3.11	3.12
386	Photographic equipment and supplies...	(*)	190.89	186.82	176.80	176.76	(*)	4.46	4.48	4.25	4.28
387	Watches, clocks, and watchcases...	-	119.36	118.89	110.43	114.00	-	2.94	2.95	2.81	2.85
39	MISC. MANUFACTURING INDUSTRIES ...	124.03	123.64	122.36	117.02	116.22	3.14	3.13	3.09	2.97	2.98
391	Jewelry, silverware, and plated ware...	137.54	137.76	133.23	133.46	130.35	3.43	3.41	3.39	3.32	3.30
394	Toys and sporting goods...	-	111.61	110.32	107.05	105.92	-	2.84	2.80	2.71	2.73
3941-3	Games, toys, dolls & play vehicles...	-	107.09	106.47	103.49	101.90	-	2.76	2.73	2.62	2.64
3949	Sporting and athletic goods, n e c...	-	118.00	115.60	111.90	111.72	-	2.95	2.89	2.84	2.85
395	Pens, pencils, office and art supplies...	-	127.66	126.79	117.71	118.29	-	3.16	3.10	2.98	3.01
396	Costume jewelry and notions...	-	111.45	112.03	105.65	105.26	-	2.91	2.88	2.73	2.72
393,9	Other manufacturing industries...	133.00	132.60	131.74	124.26	122.92	3.35	3.34	3.31	3.17	3.16
393	Musical instruments and parts...	-	130.01	126.64	128.71	124.54	-	3.21	3.19	3.05	3.06
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS ...	147.78	147.65	146.01	135.54	137.90	3.64	3.61	3.57	3.38	3.38
201	Meat products...	(*)	158.12	152.07	142.21	146.73	(*)	3.81	3.70	3.52	3.57
2011	Meat packing plants...	-	194.08	182.90	171.79	178.93	-	4.61	4.45	4.19	4.23
2013	Sausages and other prepared meats...	-	176.23	171.65	156.03	160.80	-	4.33	4.27	3.95	4.01
2015	Poultry dressing plants...	-	99.05	99.77	90.57	90.74	-	2.41	2.41	2.27	2.28

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES .	40.6	40.9	40.5	40.1	39.9	-	3.1	2.7	2.4	2.4
361	Electric test & distributing equipment .	41.2	40.9	40.8	40.4	40.7	-	3.1	2.9	2.4	2.6
3611	Electric measuring instruments	-	40.5	40.7	40.1	40.5	-	2.8	2.6	1.9	1.8
3612	Transformers	-	40.5	40.1	39.6	40.1	-	-	-	-	-
3613	Switchgear and switchboard apparatus .	-	41.5	41.3	41.2	41.3	-	-	-	-	-
362	Electrical industrial apparatus	(*)	41.6	41.1	40.2	40.3	-	3.5	3.1	2.4	2.4
3621	Motors and generators	-	41.8	41.3	40.3	40.4	-	3.5	3.2	2.5	2.6
3622	Industrial controls	-	40.7	40.3	39.8	39.7	-	3.2	2.5	2.2	1.9
363	Household appliances	(*)	41.2	41.2	40.8	40.5	-	3.3	3.1	2.7	2.9
3632	Household refrigerators and freezers .	-	42.4	41.6	41.1	41.2	-	-	-	-	-
3633	Household laundry equipment	-	40.5	42.5	42.0	42.2	-	-	-	-	-
3634	Electric housewares and fans	-	40.4	40.0	40.0	38.0	-	3.1	2.6	2.8	2.5
364	Electric lighting and wiring equipment .	(*)	40.3	40.0	39.4	39.4	-	2.7	2.5	2.0	1.9
3641	Electric lamps	-	41.5	39.9	39.7	39.9	-	3.0	2.0	1.5	1.5
3642	Lighting fixtures	-	39.9	40.1	39.3	39.0	-	2.7	2.8	2.1	1.8
3643,4	Wiring devices	-	40.1	39.9	39.3	39.4	-	2.5	2.5	2.2	2.1
365	Radio and TV receiving equipment	(*)	40.1	39.3	39.6	38.7	-	3.0	2.4	2.2	2.0
366	Communication equipment	(*)	40.8	40.6	40.2	40.6	-	2.8	2.4	2.1	2.3
3661	Telephone and telegraph apparatus . .	-	40.9	40.4	39.6	40.1	-	-	-	-	-
3662	Radio and TV communication equipment .	-	40.8	40.8	40.7	41.0	-	3.0	2.6	2.6	2.6
367	Electronic components and accessories .	(*)	40.5	39.8	39.5	39.3	-	2.9	2.7	2.2	2.1
3671-3	Electron tubes	-	41.4	40.6	40.0	39.1	-	3.0	2.8	1.9	1.6
3674,9	Other electronic components	-	40.3	39.7	39.4	39.3	-	2.9	2.7	2.2	2.2
369	Misc. electrical equipment & supplies . .	(*)	42.1	41.5	41.2	39.6	-	3.8	3.0	3.3	3.0
3694	Engine electrical equipment	-	42.0	41.6	40.5	37.9	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	42.2	42.1	40.4	40.9	39.1	-	4.6	3.9	3.2	2.9
371	Motor vehicles and equipment	(*)	43.2	40.2	41.4	38.4	-	5.5	4.7	3.6	2.9
3711	Motor vehicles	-	43.6	38.2	40.6	36.9	-	5.6	4.8	3.0	2.3
3712	Passenger car bodies	-	(*)	34.2	43.6	36.0	-	-	-	-	-
3713	Truck and bus bodies	-	42.3	43.7	40.0	39.6	-	-	-	-	-
3714	Motor vehicle parts and accessories . .	-	43.1	42.4	42.2	39.9	-	5.3	4.8	4.0	2.8
3715	Truck trailers	-	40.6	40.2	39.8	39.9	-	-	-	-	-
372	Aircraft and parts	41.5	41.5	40.9	41.1	40.4	-	3.3	2.7	2.8	2.7
3721	Aircraft	-	41.2	41.2	41.2	40.7	-	2.8	2.4	2.6	2.7
3722	Aircraft engines and engine parts	-	42.1	40.3	40.3	39.2	-	4.0	2.9	2.4	2.1
3723,9	Other aircraft parts and equipment	-	41.2	41.0	42.1	41.3	-	3.6	3.4	3.7	3.4
373	Ship and boat building and repairing . .	39.9	40.3	39.7	39.6	39.0	-	4.2	3.1	3.1	3.8
3731	Ship building and repairing	-	40.2	39.7	39.6	39.1	-	-	-	-	-
3732	Boat building and repairing	-	40.7	39.7	39.5	38.5	-	-	-	-	-
374	Railroad equipment	-	38.9	39.4	38.9	39.4	-	2.4	2.2	2.1	2.6
375,9	Other transportation equipment	-	40.6	40.8	39.5	40.2	-	3.8	3.9	3.2	3.2
38	INSTRUMENTS AND RELATED PRODUCTS . .	41.0	41.0	40.4	40.1	40.0	-	3.3	2.6	2.3	2.4
381	Engineering & scientific instruments . . .	-	40.6	40.3	40.1	39.5	-	3.0	2.7	2.4	2.6
382	Mechanical measuring & control devices .	40.6	40.5	40.1	39.6	39.3	-	3.2	2.8	2.2	2.2
3821	Mechanical measuring devices	-	40.5	40.1	39.9	39.0	-	2.9	2.6	2.4	2.0
3822	Automatic temperature controls	-	40.5	40.1	39.1	39.7	-	3.7	3.0	1.9	2.4
383,5	Optical and ophthalmic goods	(*)	40.7	39.6	39.5	39.8	-	3.2	2.6	1.9	1.8
385	Ophthalmic goods	-	40.4	39.1	38.8	39.3	-	3.2	2.3	1.8	1.9
384	Medical instruments and supplies	(*)	40.4	40.1	39.8	39.7	-	2.6	2.3	2.1	2.1
386	Photographic equipment and supplies . .	(*)	42.8	41.7	41.6	41.3	-	4.3	2.8	2.9	3.2
387	Watches, clocks, and watch cases	-	40.6	40.3	39.3	40.0	-	2.9	2.1	2.4	2.4
39	MISC. MANUFACTURING INDUSTRIES	39.5	39.5	39.6	39.4	39.0	-	2.9	2.7	2.6	2.5
391	Jewelry, silverware, and plated ware . .	40.1	40.4	39.3	40.2	39.5	-	3.3	2.7	3.8	3.1
394	Toys and sporting goods	-	39.3	39.4	39.5	38.8	-	2.9	2.9	2.6	2.5
3941-3	Games, toys, dolls, & play vehicles . . .	-	38.8	39.0	39.5	38.6	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c. . . .	-	40.0	40.0	39.4	39.2	-	-	-	-	-
395	Pens, pencils, office and art supplies . .	-	40.4	40.9	39.5	39.3	-	3.0	2.9	1.9	1.7
396	Costume jewelry and notions	-	38.3	38.9	38.7	38.7	-	2.3	2.2	2.1	2.4
393,9	Other manufacturing industries	39.7	39.7	39.8	39.2	38.9	-	3.0	2.5	2.5	2.4
393	Musical instruments and parts	-	40.5	39.7	42.2	40.7	-	3.2	2.3	3.9	3.3
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	40.6	40.9	40.9	40.1	40.8	-	4.4	4.3	3.8	4.4
201	Meat products	(*)	41.5	41.1	40.0	40.8	-	4.7	4.3	4.0	4.7
2011	Meat packing plants	-	42.1	41.1	41.0	42.3	-	4.7	4.1	4.1	5.2
2013	Sausages and other prepared meats . . .	-	40.7	40.2	39.5	40.1	-	-	-	-	-
2015	Poultry dressing plants	-	41.1	41.4	39.9	39.8	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	
	<i>Nondurable Goods--Continued</i>											
	FOOD AND KINDRED PRODUCTS--Continued											
202	Dairy products.....	\$151.66	\$153.92	\$152.15	\$142.33	\$146.02	\$3.69	\$3.70	\$3.64	\$3.48	\$3.51	
2024	Ice cream and frozen desserts.....	-	145.12	142.21	133.23	138.85	-	3.61	3.52	3.39	3.42	
2026	Fluid milk.....	-	163.66	159.98	150.28	154.82	-	3.86	3.80	3.63	3.66	
203	Canned, cured, and frozen foods.....	-	118.69	119.99	105.46	113.54	-	3.02	3.03	2.79	2.86	
2031,6	Canned, cured, and frozen sea foods....	-	91.96	99.59	81.43	82.23	-	2.65	2.67	2.34	2.44	
2032,3	Canned food, except sea foods.....	-	124.40	125.53	111.13	122.36	-	3.11	3.17	2.94	2.97	
2037	Frozen fruits and vegetables.....	-	112.63	112.12	101.79	100.81	-	2.83	2.81	2.61	2.66	
204	Grain mill products.....	172.48	175.70	172.28	160.56	162.27	3.85	3.87	3.82	3.60	3.59	
2041	Flour and other grain mill products....	-	199.44	191.94	177.49	182.58	-	4.19	4.11	3.85	3.86	
2042	Prepared feeds for animals and fowls....	-	153.38	148.72	138.76	141.68	-	3.32	3.24	3.07	3.08	
205	Bakery products.....	150.51	152.02	149.60	138.06	139.44	3.82	3.81	3.74	3.54	3.53	
2051	Bread, cake, and related products.....	-	152.48	151.65	140.46	142.20	-	3.87	3.82	3.62	3.60	
2052	Cookies and crackers.....	-	151.73	142.62	129.96	130.02	-	3.63	3.47	3.29	3.30	
206	Sugar.....	-	160.79	165.13	136.85	147.46	-	3.98	3.96	3.50	3.85	
207	Confectionery and related products.....	(*)	133.42	135.30	120.30	122.51	(*)	3.27	3.30	3.00	3.04	
2071	Confectionery products.....	-	127.89	129.92	115.82	117.49	-	3.15	3.20	2.91	2.93	
208	Beverages.....	167.38	169.60	170.11	160.80	163.20	4.27	4.24	4.19	4.02	4.00	
2082	Malt liquors.....	-	230.57	234.77	211.12	217.24	-	5.61	5.63	5.20	5.26	
2086	Bottled and canned soft drinks.....	-	128.47	129.43	114.37	119.88	-	3.18	3.18	2.94	2.96	
209	Misc. foods and kindred products.....	153.00	152.22	150.00	139.53	141.88	3.60	3.59	3.58	3.33	3.37	
21	TOBACCO MANUFACTURES	124.99	118.94	121.00	108.30	114.08	3.36	3.36	3.38	3.00	3.01	
211	Cigarettes.....	-	138.74	142.88	128.54	141.41	-	4.23	4.19	3.86	3.95	
212	Cigars.....	-	91.26	91.13	87.40	86.54	-	2.44	2.43	2.30	2.32	
22	TEXTILE MILL PRODUCTS	114.54	114.13	113.02	106.19	104.75	2.76	2.75	2.73	2.59	2.58	
221	Weaving mills, cotton.....	(*)	116.18	113.82	106.91	103.68	(*)	2.74	2.71	2.57	2.56	
222	Weaving mills, synthetics.....	119.00	119.56	118.98	110.46	109.93	2.80	2.80	2.78	2.63	2.63	
223	Weaving and finishing mills, wool.....	117.26	120.54	116.60	108.63	110.42	2.86	2.87	2.83	2.75	2.74	
224	Narrow fabric mills.....	109.21	109.75	107.59	98.78	99.65	2.71	2.69	2.65	2.52	2.51	
225	Knitting mills.....	105.60	104.41	103.89	97.50	95.87	2.66	2.65	2.63	2.50	2.49	
2251	Women's hosiery, except socks.....	(%)	97.02	95.13	85.79	84.96	(*)	2.56	2.51	2.37	2.36	
2252	Hosiery, n e c.....	-	91.54	90.15	86.56	83.70	-	2.39	2.36	2.26	2.25	
2253	Knit outerwear mills.....	-	105.11	105.92	102.31	98.69	-	2.73	2.73	2.59	2.57	
2254	Knit underwear mills.....	-	92.23	95.40	88.39	85.47	-	2.44	2.44	2.32	2.31	
226	Textile finishing, except wool.....	(*)	124.82	122.51	118.00	116.62	(*)	2.93	2.91	2.77	2.77	
227	Floor covering mills.....	-	125.67	122.80	119.57	117.34	-	2.95	2.91	2.73	2.71	
228	Yarn and thread mills.....	105.83	106.75	106.01	101.40	102.12	2.55	2.56	2.53	2.42	2.42	
229	Miscellaneous textile goods.....	133.56	132.91	130.59	120.18	120.01	3.15	3.12	3.08	2.91	2.92	
23	APPAREL AND OTHER TEXTILE PRODUCTS	96.39	95.67	94.74	90.11	89.71	2.67	2.65	2.61	2.51	2.52	
231	Men's and boys' suits and coats.....	122.95	120.21	120.88	112.58	111.96	3.35	3.33	3.33	3.11	3.11	
232	Men's and boys' furnishings.....	85.47	85.24	83.76	81.10	80.52	2.31	2.31	2.27	2.18	2.20	
2321	Men's and boys' shirts and nightwear....	-	83.59	82.29	79.49	79.21	-	2.29	2.23	2.16	2.17	
2327	Men's and boys' separate trousers.....	-	83.81	84.04	80.78	80.66	-	2.29	2.29	2.16	2.18	
2328	Men's and boys' work clothing.....	-	81.31	79.45	77.42	76.38	-	2.18	2.13	2.07	2.11	
233	Women's and misses' outerwear.....	95.71	95.82	96.19	91.06	91.18	2.84	2.81	2.78	2.71	2.73	
2331	Women's and misses' blouses and waists....	-	88.55	90.11	84.02	80.78	-	2.53	2.51	2.36	2.39	
2335	Women's and misses' dresses.....	-	95.33	95.19	90.48	90.76	-	2.88	2.85	2.81	2.81	
2337	Women's and misses' suits and coats.....	-	112.55	112.45	105.88	108.48	-	3.33	3.25	3.17	3.20	
2339	Women's and misses' outerwear, n e c....	-	88.56	88.45	84.84	82.02	-	2.46	2.43	2.35	2.33	
234	Women's and children's undergarments....	(*)	87.82	86.72	84.55	83.95	(*)	2.38	2.35	2.31	2.30	
2341	Women's and children's underwear.....	-	85.47	84.59	82.35	81.76	-	2.31	2.28	2.25	2.24	
2342	Corsets and allied garments.....	-	94.43	92.57	90.04	89.79	-	2.58	2.55	2.46	2.46	
235	Hats, caps, and millinery.....	-	84.96	85.43	84.97	85.07	-	2.36	2.36	2.38	2.35	
236	Children's outerwear.....	(*)	86.73	88.33	80.50	80.04	(*)	2.45	2.44	2.32	2.32	
2361	Children's dresses and blouses.....	-	83.01	85.44	77.62	74.33	-	2.42	2.40	2.31	2.28	
237,8	Fur goods and miscellaneous apparel....	-	98.89	94.90	96.94	94.90	-	2.68	2.60	2.62	2.60	
239	Misc. fabricated textile products.....	(*)	111.46	111.25	100.58	99.15	(*)	2.88	2.86	2.64	2.63	
2391,2	Housefurnishings.....	-	93.83	91.92	89.24	89.01	-	2.43	2.40	2.30	2.30	
26	PAPER AND ALLIED PRODUCTS	172.06	173.23	171.50	157.78	158.67	4.02	4.01	3.97	3.73	3.76	
261,2,6	Paper and pulp mills.....	198.44	199.36	198.47	180.53	183.92	4.51	4.49	4.45	4.15	4.18	
263	Paperboard mills.....	(*)	205.21	205.21	190.74	194.85	(*)	4.55	4.54	4.22	4.33	
264	Misc. converted paper products.....	(*)	151.26	149.23	136.75	136.82	(*)	3.61	3.57	3.36	3.37	
2643	Bags, except textile bags.....	-	147.49	144.42	131.60	131.60	-	3.52	3.48	3.29	3.29	
265	Paperboard containers and boxes.....	154.98	157.99	154.40	142.76	141.51	3.69	3.70	3.65	3.44	3.46	
2651,2	Folding and setup paperboard boxes....	-	143.24	140.63	130.41	131.45	-	3.46	3.43	3.22	3.27	
2653	Corrugated and solid fiber boxes.....	-	170.82	167.09	154.21	149.92	-	3.90	3.85	3.62	3.63	
2654	Sanitary food containers.....	-	148.61	149.67	136.53	137.45	-	3.53	3.53	3.33	3.32	

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSC-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 P	Sept. 1972 P	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	41.1	41.6	41.8	40.9	41.6	-	4.3	4.2	3.5	4.1
2024	Ice cream and frozen desserts	-	40.2	40.4	39.3	40.6	-	-	-	-	-
2026	Fluid milk	-	42.4	42.1	41.4	42.3	-	-	-	-	-
203	Canned, cured, and frozen foods	-	39.3	39.6	37.8	39.7	-	3.7	3.8	2.9	4.2
2031,6	Canned, cured, and frozen sea foods	-	34.7	37.3	34.8	33.7	-	-	-	-	-
2032,3	Canned food, except sea foods	-	40.0	39.6	37.8	41.2	-	-	-	-	-
2037	Frozen fruits and vegetables	-	39.8	39.9	39.0	37.9	-	-	-	-	-
204	Grain mill products	44.8	45.4	45.1	44.6	45.2	-	7.4	7.1	6.6	7.0
2041	Flour and other grain mill products	-	47.6	46.7	46.1	47.3	-	-	-	-	-
2042	Prepared feeds for animals and fowls	-	46.2	45.9	45.2	46.0	-	-	-	-	-
205	Bakery products	39.4	39.9	40.0	39.0	39.5	-	3.8	3.6	3.2	3.5
2051	Bread, cake, and related products	-	39.4	39.7	38.8	39.5	-	-	-	-	-
2052	Cookies and crackers	-	41.8	41.1	39.5	39.4	-	-	-	-	-
206	Sugar	-	40.4	41.7	39.1	38.3	-	4.4	4.1	4.3	4.1
207	Confectionery and related products	(*)	40.8	41.0	40.1	40.3	-	3.8	3.6	2.9	3.2
2071	Confectionery products	-	40.6	40.6	39.8	40.1	-	-	-	-	-
208	Beverages	39.2	40.0	40.6	40.0	40.8	-	3.8	3.9	3.4	3.9
2082	Malt liquors	-	41.1	41.7	40.6	41.3	-	-	-	-	-
2086	Bottled and canned soft drinks	-	40.4	40.7	38.9	40.5	-	-	-	-	-
209	Misc. foods and kindred products	42.5	42.4	41.9	41.9	42.1	-	4.8	4.8	5.0	4.9
21	TOBACCO MANUFACTURES	37.2	35.4	35.8	36.1	37.9	-	.8	1.8	1.5	2.5
211	Cigarettes	-	32.8	34.1	33.3	35.8	-	.8	2.0	1.6	3.2
212	Cigars	-	37.4	37.5	38.0	37.3	-	1.3	1.4	1.8	2.0
22	TEXTILE MILL PRODUCTS	41.5	41.5	41.4	41.0	40.6	-	4.6	4.4	4.2	4.0
221	Weaving mills, cotton	(*)	42.4	42.0	41.6	40.5	-	5.3	4.8	4.9	4.4
222	Weaving mills, synthetics	42.5	42.7	42.8	42.0	41.8	-	5.5	5.3	4.7	4.5
223	Weaving and finishing mills, wool	41.0	42.0	41.2	39.5	40.3	-	4.5	3.7	3.4	3.1
224	Narrow fabric mills	40.3	40.8	40.6	39.2	39.7	-	3.4	3.3	2.8	3.0
225	Knitting mills	39.7	39.4	39.5	39.0	38.5	-	3.4	3.3	2.7	2.7
2251	Women's hosiery, except socks	-	37.9	37.9	36.2	36.0	-	-	-	-	-
2252	Hosiery, n e c	-	38.3	38.2	38.3	37.2	-	-	-	-	-
2253	Knit outerwear mills	-	38.5	38.8	39.5	38.4	-	-	-	-	-
2254	Knit underwear mills	(*)	37.8	39.1	38.1	37.0	-	-	-	-	-
226	Textile finishing, except wool	(*)	42.6	42.1	42.6	42.1	-	5.3	5.0	5.1	4.9
227	Floor covering mills	-	42.6	42.2	43.8	43.3	-	5.4	5.2	5.9	5.9
228	Yarn and thread mills	41.5	41.7	41.9	41.9	42.2	-	4.7	4.7	4.5	4.8
229	Miscellaneous textile goods	42.4	42.6	42.4	41.3	41.1	-	5.1	4.7	4.1	4.0
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.1	36.1	36.3	35.9	35.6	-	1.6	1.6	1.5	1.3
231	Men's and boys' suits and coats	36.7	36.1	36.3	36.2	36.0	-	1.1	.9	1.3	1.3
232	Men's and boys' furnishings	37.0	36.9	36.9	37.2	36.6	-	1.5	1.4	1.3	1.3
2321	Men's and boys' shirts and nightwear	-	36.5	36.9	36.8	36.5	-	1.3	1.5	1.3	1.3
2327	Men's and boys' separate trousers	-	36.6	36.7	37.4	37.0	-	-	-	-	-
2328	Men's and boys' work clothing	-	37.3	37.3	37.4	36.2	-	1.5	1.2	1.3	1.3
233	Women's and misses' outerwear	33.7	34.1	34.6	33.6	33.4	-	1.3	1.3	1.3	1.0
2331	Women's and misses' blouses and waists	-	35.0	35.9	35.6	33.8	-	-	-	-	-
2335	Women's and misses' dresses	-	33.1	33.4	32.2	32.3	-	1.2	1.1	1.1	.9
2337	Women's and misses' suits and coats	-	33.8	34.6	33.4	33.9	-	1.4	1.4	1.7	1.5
2339	Women's and misses' outerwear, n e c	-	36.0	36.4	36.1	35.2	-	1.4	1.4	1.4	1.2
234	Women's and children's undergarments	(*)	36.9	36.9	36.6	36.5	-	1.6	1.6	1.8	1.4
2341	Women's and children's underwear	-	37.0	37.1	36.6	36.5	-	-	-	-	-
2342	Corsets and allied garments	-	36.6	36.3	36.6	36.5	-	-	-	-	-
235	Hats, caps, and millinery	-	36.0	36.2	35.7	36.2	-	1.1	1.5	1.0	1.1
236	Children's outerwear	(*)	35.4	36.2	34.7	34.5	-	1.4	1.4	1.0	1.1
2361	Children's dresses and blouses	-	34.3	35.6	33.6	32.6	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	-	36.9	36.5	37.0	36.5	-	1.4	1.4	1.8	1.5
239	Misc. fabricated textile products	(*)	38.7	38.9	38.1	37.7	-	2.9	3.0	2.1	2.1
2391,2	Housefurnishings	-	38.2	38.3	38.8	38.7	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	42.8	43.2	43.2	42.3	42.2	-	5.6	5.3	4.8	5.1
261,2,6	Paper and pulp mills	44.0	44.4	44.6	43.5	44.0	-	6.6	6.5	5.7	6.2
263	Paperboard mills	(*)	45.1	45.2	45.2	45.0	-	7.5	7.7	7.8	9.0
264	Misc. converted paper products	(*)	41.9	41.8	40.7	40.6	-	4.2	3.8	3.5	3.4
2643	Bags, except textile bags	-	41.9	41.5	40.0	40.0	-	-	-	-	-
265	Paperboard containers and boxes	42.0	42.7	42.3	41.5	40.9	-	5.1	4.7	4.2	4.2
2651,2	Folding and setup paperboard boxes	-	41.4	41.0	40.5	40.2	-	-	-	-	-
2653	Corrugated and solid fiber boxes	-	43.8	43.4	42.6	41.3	-	6.3	5.7	5.2	4.9
2654	Sanitary food containers	-	42.1	42.4	41.0	41.4	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^P	Sept. 1972 ^P	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$172.82	\$175.56	\$171.07	\$160.13	\$161.73	\$4.56	\$4.56	\$4.49	\$4.27	\$4.29
271	Newspapers.....	(*)	179.86	176.58	165.56	166.96	(*)	5.01	4.96	4.69	4.69
272	Periodicals	-	202.70	193.58	180.00	183.37	-	4.92	4.71	4.50	4.55
273	Books.....	-	162.81	158.80	146.69	151.30	-	4.06	3.99	3.81	3.84
275	Commercial printing	(*)	182.16	176.67	165.50	166.71	(*)	4.60	4.53	4.31	4.33
2751	Commercial printing, ex. lithographic	-	175.03	168.39	158.98	160.16	-	4.42	4.34	4.14	4.16
2752	Commercial printing, lithographic	-	194.71	190.00	176.40	178.02	-	4.88	4.81	4.57	4.60
278	Blankbooks and bookbinding	(*)	129.41	129.20	122.94	125.39	(*)	3.37	3.33	3.21	3.24
274,6,7,9	Other publishing & printing ind.....	(*)	172.10	169.40	156.49	156.04	(*)	4.47	4.40	4.14	4.15
28	CHEMICALS AND ALLIED PRODUCTS	178.90	178.49	175.55	166.00	169.66	4.28	4.27	4.23	4.00	4.03
281	Industrial chemicals	201.35	202.30	198.29	186.43	192.58	4.76	4.76	4.71	4.46	4.51
2812	Alkalies and chlorine	-	210.39	209.17	190.51	200.23	-	4.76	4.69	4.41	4.53
2818	Industrial organic chemicals, n e c.....	-	216.41	214.12	201.18	207.69	-	5.08	5.05	4.79	4.83
2819	Industrial inorganic chemicals, n e c.....	-	194.00	186.59	173.36	181.40	-	4.63	4.54	4.27	4.35
282	Plastics materials and synthetics	(*)	175.13	173.46	164.16	168.52	(*)	4.15	4.13	3.89	3.91
2821	Plastics materials and resins	-	194.46	191.38	182.16	183.04	-	4.46	4.43	4.14	4.16
2823,4	Synthetic fibers	-	157.82	157.80	146.83	154.70	-	3.84	3.83	3.59	3.64
283	Drugs	(*)	163.62	158.40	153.90	154.71	(*)	4.05	3.99	3.80	3.82
2834	Pharmaceutical preparations	-	159.96	155.22	149.45	149.92	-	3.94	3.90	3.69	3.72
284	Soap, cleaners, and toilet goods	(*)	170.97	170.56	161.90	160.72	(*)	4.17	4.16	3.92	3.92
2841	Soap and other detergents	-	225.25	226.72	204.54	200.79	-	5.19	5.20	4.87	4.85
2844	Toilet preparations	-	132.89	132.72	132.66	131.46	-	3.39	3.36	3.22	3.23
285	Paints and allied products	(*)	164.30	164.25	149.85	151.81	(*)	3.94	3.92	3.70	3.73
287	Agricultural chemicals	150.95	153.61	152.46	137.37	142.12	3.62	3.64	3.63	3.31	3.40
2871,2	Fertilizers, complete & mixing only	-	144.56	143.87	130.31	135.01	-	3.45	3.45	3.14	3.23
286,9	Other chemical products	168.49	168.08	164.40	155.74	158.76	4.06	4.05	4.00	3.78	3.78
2892	Explosives	-	167.68	164.83	160.34	164.67	-	4.13	4.08	3.93	3.93
29	PETROLEUM AND COAL PRODUCTS	212.42	213.64	207.48	198.09	199.91	5.01	4.98	4.94	4.65	4.66
291	Petroleum refining	221.54	221.34	215.48	204.89	207.27	5.30	5.27	5.23	4.89	4.90
295,9	Other petroleum and coal products	185.59	189.28	183.79	176.40	174.83	4.18	4.16	4.13	3.92	3.92
30	RUBBER AND PLASTICS PRODUCTS, N E C	150.38	151.48	150.28	140.07	139.78	3.65	3.65	3.63	3.45	3.46
301	Tires and inner tubes	(*)	222.50	218.37	198.61	201.03	(*)	5.08	5.02	4.74	4.73
302,3,6	Other rubber products	(*)	146.56	144.32	134.27	133.33	(*)	3.54	3.52	3.34	3.35
302	Rubber footwear	-	115.71	113.20	107.62	107.80	-	2.90	2.91	2.81	2.80
307	Miscellaneous plastics products	130.15	129.74	128.93	120.90	120.80	3.19	3.18	3.16	3.00	3.02
31	LEATHER AND LEATHER PRODUCTS	103.19	103.36	105.03	99.15	96.68	2.73	2.72	2.70	2.63	2.62
311	Leather tanning and finishing	(*)	136.02	135.49	133.39	133.39	(*)	3.47	3.43	3.31	3.31
314	Footwear, except rubber	(*)	99.79	102.31	95.86	93.08	(*)	2.64	2.63	2.57	2.55
312,3,5-7,8	Other leather products	103.57	102.26	102.56	96.90	94.10	2.69	2.67	2.65	2.55	2.55
316	Luggage	-	103.09	102.08	97.09	96.65	-	2.84	2.82	2.66	2.67
317	Handbags and personal leather goods	-	100.23	101.00	95.75	92.62	-	2.59	2.57	2.50	2.51
	TRANSPORTATION AND PUBLIC UTILITIES	194.28	192.51	191.76	174.12	176.66	4.75	4.73	4.70	4.31	4.33
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	-	(*)	219.73	182.60	194.92	-	(*)	4.96	4.40	4.39
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	161.05	163.77	156.19	153.30	-	3.89	3.89	3.71	3.65
413	Intercity highway transportation	-	199.35	199.96	168.27	175.39	-	4.91	4.83	4.26	4.32
42	TRUCKING AND WAREHOUSING	-	208.96	206.98	187.29	188.61	-	4.94	4.87	4.47	4.48
421,3	Trucking and trucking terminals	-	214.63	212.22	192.40	192.89	-	5.05	4.97	4.57	4.56
422	Public warehousing	-	142.04	142.61	129.20	132.72	-	3.49	3.53	3.23	3.36
46	PIPE LINE TRANSPORTATION	-	215.17	207.72	201.80	199.26	-	5.21	5.08	4.91	4.86
48	COMMUNICATION	-	175.08	173.45	151.32	156.03	-	4.41	4.38	3.89	3.95
481	Telephone communication	-	175.12	173.49	149.76	155.23	-	4.40	4.37	3.84	3.91
4817	Switchboard operating employees ³	-	123.51	124.60	110.12	112.75	-	3.58	3.56	3.22	3.24
4818	Line construction employees ⁴	-	233.33	227.04	207.30	223.63	-	5.22	5.16	4.69	4.83
482	Telegraph communication ⁵	-	(*)	195.46	167.25	(*)	-	(*)	4.61	4.03	(*)
483	Radio and television broadcasting	-	174.47	173.31	160.65	163.88	-	4.52	4.49	4.25	4.29

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	37.9	38.5	38.1	37.5	37.7	-	3.5	3.0	2.7	2.9
271.	Newspapers.....	(*)	35.9	35.6	35.3	35.6	-	2.8	2.5	2.4	2.6
272	Periodicals.....	-	41.2	41.1	40.0	40.3	-	4.4	4.3	4.4	4.5
273	Books	-	40.1	39.8	38.5	39.4	-	3.9	3.5	2.3	3.2
275	Commercial printing	(*)	39.6	39.0	38.4	38.5	-	4.0	3.4	3.1	3.3
2751	Commercial printing, ex. lithographic	-	39.6	38.8	38.4	38.5	-	4.0	3.2	3.1	3.2
2752	Commercial printing, lithographic	-	39.9	39.5	38.6	38.7	-	4.2	3.8	3.2	3.6
278	Blankbooks and bookbinding.....	(*)	38.4	38.8	38.3	38.7	-	2.6	2.5	2.0	2.1
274, 6, 7, 9	Other publishing & printing ind.....	(*)	38.5	38.5	37.8	37.6	-	3.3	2.9	2.5	2.2
28	CHEMICALS AND ALLIED PRODUCTS..	41.8	41.8	41.5	41.5	42.1	-	3.6	3.3	3.2	3.6
281	Industrial chemicals.....	42.3	42.5	42.1	41.8	42.7	-	4.1	3.8	3.4	4.1
2812	Alkalies and chlorine.....	-	44.2	44.6	43.2	44.2	-	-	-	-	-
2818	Industrial organic chemicals, nec.....	-	42.6	42.4	42.0	43.0	-	3.9	3.7	3.1	3.8
2819	Industrial inorganic chemicals, nec.....	-	41.9	41.1	40.6	41.7	-	4.0	3.2	2.7	3.7
282	Plastics materials and synthetics	(*)	42.2	42.0	42.2	43.1	-	3.7	3.3	3.3	3.4
2821	Plastics materials and resins	-	43.6	43.2	44.0	44.0	-	5.5	4.8	4.8	4.6
2823, 4	Synthetic fibers.....	-	41.1	41.2	40.9	42.5	-	2.5	2.3	2.1	2.6
283	Drugs	(*)	40.4	39.1	40.5	40.5	-	-	1.8	2.8	3.0
2834	Pharmaceutical preparations	-	40.6	39.8	40.5	40.3	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	(*)	41.0	41.0	41.3	41.0	-	3.4	3.2	3.3	3.3
2841	Soap and other detergents.....	-	43.4	43.6	42.0	41.4	-	-	-	-	-
2844	Toilet preparations.....	-	39.2	39.5	41.2	40.7	-	-	-	-	-
285	Paints and allied products.....	(*)	41.7	41.9	40.5	40.7	-	3.7	4.0	2.8	2.9
287	Agricultural chemicals.....	41.7	42.2	42.0	41.5	41.8	-	4.5	4.0	3.6	4.0
2871, 2	Fertilizers, complete & mixing only.....	-	41.9	41.7	41.5	41.8	-	-	-	-	-
286, 9	Other chemical products	41.5	41.5	41.1	41.2	42.0	-	3.5	3.1	3.0	3.5
2892	Explosives	-	40.6	40.4	40.8	41.9	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.....	42.4	42.9	42.0	42.6	42.9	-	4.0	3.7	4.0	4.1
291	Petroleum refining.....	41.8	42.0	41.2	41.9	42.3	-	2.9	2.6	3.0	3.1
295, 9	Other petroleum and coal products.....	44.4	45.5	44.5	45.0	44.6	-	7.2	6.9	7.2	7.2
30	RUBBER AND PLASTICS PRODUCTS, NEC..	41.2	41.5	41.4	40.6	40.4	-	4.4	4.0	3.6	3.6
301	Tires and inner tubes	(*)	43.8	43.5	41.9	42.5	-	6.2	5.9	4.9	5.1
302, 3, 6	Other rubber products	(*)	41.4	41.0	40.2	39.8	-	3.8	3.5	3.0	3.0
302	Rubber footwear	-	39.9	38.9	38.3	38.5	-	2.9	2.0	1.9	2.1
307	Miscellaneous plastics products	40.8	40.8	40.8	40.3	40.0	-	4.0	3.7	3.5	3.5
31	LEATHER AND LEATHER PRODUCTS.....	37.8	38.0	38.9	37.7	36.9	-	2.4	2.3	2.3	1.8
311	Leather tanning and finishing.....	(*)	39.2	39.5	40.3	40.3	-	2.9	2.8	3.4	3.3
314	Footwear, except rubber.....	(*)	37.8	38.9	37.3	36.5	-	2.4	2.2	2.2	1.6
312, 3, 5-7, 9	Other leather products	38.5	38.3	38.7	38.0	36.9	-	2.4	2.5	2.2	1.7
316	Luggage	-	36.3	36.2	36.5	36.2	-	1.8	1.6	1.2	1.2
317	Handbags and personal leather goods.....	-	38.7	39.3	38.3	36.9	-	2.6	2.9	2.5	1.9
	TRANSPORTATION AND PUBLIC UTILITIES.....	40.9	40.7	40.8	40.4	40.8					
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	-	(*)	44.3	41.5	44.4	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation.....	-	41.4	42.1	42.1	42.0	-	-	-	-	-
413	Intercity highway transportation.....	-	40.6	41.4	39.5	40.6	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	-	42.3	42.5	41.9	42.1	-	-	-	-	-
421, 3	Trucking and trucking terminals	-	42.5	42.7	42.1	42.3	-	-	-	-	-
422	Public warehousing	-	40.7	40.4	40.0	39.5	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	41.3	40.9	41.1	41.0	-	-	-	-	-
48	COMMUNICATION	-	39.7	39.6	38.9	39.5	-	-	-	-	-
481	Telephone communication	-	39.8	39.7	39.0	39.7	-	-	-	-	-
4817	Switchboard operating employees ³	-	34.5	35.0	34.2	34.8	-	-	-	-	-
4818	Line construction employees ⁴	-	44.7	44.0	44.2	46.3	-	-	-	-	-
482	Telegraph communication ⁵	-	(*)	42.4	41.5	(*)	-	-	-	-	-
483	Radio and television broadcasting.....	-	38.6	38.6	37.8	38.2	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

90

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$201.69	\$200.58	\$189.66	\$190.53	-	\$4.86	\$4.81	\$4.57	\$4.58
491	Electric companies and systems	-	206.91	205.80	193.49	196.61	-	4.95	4.90	4.64	4.67
492	Gas companies and systems	-	180.30	178.30	172.62	168.49	-	4.43	4.37	4.20	4.15
493	Combination companies and systems....	-	221.73	222.71	206.41	209.16	-	5.33	5.29	5.01	5.04
494-7	Water, steam, & sanitary systems	-	166.40	165.15	159.89	161.78	-	4.00	3.97	3.78	3.78
-	WHOLESALE AND RETAIL TRADE.....	\$106.45	107.06	108.06	101.50	102.08	\$3.05	3.05	3.01	2.90	2.90
50	WHOLESALE TRADE	155.62	155.62	153.63	148.06	147.68	3.91	3.91	3.86	3.72	3.72
501	Motor vehicles & automotive equipment..	-	147.23	146.97	135.83	137.41	-	3.69	3.62	3.43	3.47
502	Drugs, chemicals, and allied products...	-	157.41	155.93	149.38	149.77	-	4.11	4.05	3.88	3.86
503	Dry goods and apparel.....	-	144.78	140.24	135.77	136.51	-	3.80	3.77	3.64	3.65
504	Groceries and related products	-	147.57	146.73	140.30	141.29	-	3.68	3.65	3.49	3.55
506	Electrical goods.....	-	162.78	159.98	151.29	149.74	-	3.98	3.95	3.69	3.67
507	Hardware; plumbing & heating equipment	-	146.40	145.64	143.64	144.00	-	3.66	3.65	3.60	3.60
508	Machinery, equipment, and supplies....	-	171.37	168.09	164.83	162.80	-	4.19	4.13	4.04	4.00
509	Miscellaneous wholesalers.....	-	156.01	154.45	148.95	148.57	-	3.99	3.94	3.79	3.79
52-59	RETAIL TRADE.....	91.52	91.73	93.69	87.10	87.62	2.74	2.73	2.70	2.60	2.60
53	Retail general merchandise	-	84.95	85.54	79.86	80.50	-	2.63	2.60	2.48	2.50
531	Department stores	-	88.13	89.10	83.42	84.59	-	2.78	2.75	2.64	2.66
532	Mail order houses	-	110.98	111.17	96.94	101.63	-	2.89	2.88	2.62	2.71
533	Variety stores	-	67.31	66.99	61.49	60.50	-	2.13	2.12	1.99	1.99
54	Food stores.....	-	102.05	104.13	94.11	96.50	-	3.14	3.09	2.95	2.96
541-3	Grocery, meat, and vegetable stores ..	-	105.28	107.10	96.62	99.36	-	3.20	3.15	3.01	3.02
56	Apparel and accessory stores	-	77.56	80.20	75.76	75.68	-	2.47	2.46	2.39	2.38
561	Men's & boys' clothing & furnishings ..	-	91.41	96.38	91.46	90.51	-	2.77	2.81	2.73	2.71
562	Women's ready-to-wear stores	-	70.74	72.00	67.57	67.71	-	2.35	2.33	2.23	2.22
565	Family clothing stores	-	75.47	77.98	73.68	74.58	-	2.28	2.28	2.18	2.20
566	Shoe stores.....	-	78.74	81.18	76.32	76.94	-	2.54	2.46	2.47	2.49
57	Furniture and home furnishings stores..	-	123.13	123.70	116.31	116.00	-	3.31	3.29	3.11	3.11
571	Furniture and home furnishings.....	-	124.50	124.41	115.50	115.32	-	3.32	3.30	3.08	3.10
58	Eating and drinking places ⁶	-	62.53	64.92	60.39	61.18	-	2.05	2.01	1.98	1.98
52,55,59	Other retail trade	-	113.93	115.89	109.62	108.86	-	3.03	3.01	2.90	2.88
52	Building materials and farm equipment	-	128.24	128.11	122.72	121.71	-	3.19	3.14	3.03	3.02
551,2	Motor vehicle dealers	-	149.95	152.66	144.59	142.26	-	3.73	3.76	3.57	3.53
553,9	Other automotive & accessory dealers.	-	130.60	131.06	122.36	124.44	-	3.17	3.12	2.97	2.97
591	Drug stores and proprietary stores ...	-	81.43	84.88	78.68	79.11	-	2.61	2.58	2.49	2.48
594	Book and stationery stores	-	92.80	97.93	90.97	91.39	-	2.77	2.79	2.74	2.72
598	Fuel and ice dealers.....	-	130.44	129.92	130.32	125.30	-	3.46	3.41	3.35	3.28
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	129.83	128.37	127.97	122.80	121.77	3.49	3.46	3.44	3.31	3.30
60	Banking.....	-	112.34	111.97	108.04	107.75	-	3.02	3.01	2.92	2.92
61	Credit agencies other than banks	-	117.04	118.27	113.70	112.64	-	3.08	3.08	3.00	2.98
612	Savings and loan associations	-	114.82	115.32	112.27	111.30	-	3.12	3.10	3.01	3.00
62	Security, commodity brokers & services...	-	225.52	222.31	202.77	200.93	-	6.03	5.96	5.51	5.46
63	Insurance carriers	-	131.73	131.72	128.04	127.70	-	3.57	3.56	3.47	3.47
631	Life insurance	-	133.58	133.22	129.59	128.87	-	3.63	3.63	3.57	3.56
632	Accident and health insurance	-	124.10	123.34	121.69	121.44	-	3.40	3.37	3.28	3.30
633	Fire, marine, and casualty insurance..	-	133.53	133.13	128.63	128.28	-	3.58	3.55	3.43	3.43
-	SERVICES.....	110.81	110.45	108.64	104.35	104.35	3.24	3.22	3.14	3.06	3.06
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶ ...	-	74.48	76.78	73.13	72.46	-	2.25	2.20	2.17	2.15
	Personal Services:										
721	Laundries and dry cleaning plants....	-	86.38	86.86	82.60	82.02	-	2.44	2.44	2.34	2.33
722	Photographic studios	-	98.78	100.28	95.72	96.17	-	2.88	2.89	2.58	2.74
	Motion pictures:										
781	Motion picture filming & distributing..	-	206.12	209.00	192.38	194.16	-	5.41	5.50	5.13	5.15
806	Hospitals	-	106.98	106.88	102.21	102.86	-	3.11	3.08	2.98	2.99

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1972 p	Sept. 1972 p	Aug. 1972	Oct. 1971	Sept. 1971	Oct. 1972 p	Sept. 1972 p	Aug. 1972	Oct. 1971	Sept. 1971
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.5	41.7	41.5	41.6	-	-	-	-	-
491	Electric companies and systems	-	41.8	42.0	41.7	42.1	-	-	-	-	-
492	Gas companies and systems	-	40.7	40.8	41.1	40.6	-	-	-	-	-
493	Combination companies and systems....	-	41.6	42.1	41.2	41.5	-	-	-	-	-
494-7	Water, steam, & sanitary systems	-	41.6	41.6	42.3	42.8	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE.....	34.9	35.1	35.9	35.0	35.2	-	-	-	-	-
50	WHOLESALE TRADE.....	39.8	39.8	39.8	39.8	39.7	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	39.9	40.6	39.6	39.6	-	-	-	-	-
502	Drugs, chemicals, and allied products..	-	38.3	38.5	38.5	38.8	-	-	-	-	-
503	Dry goods and apparel.....	-	38.1	37.2	37.3	37.4	-	-	-	-	-
504	Groceries and related products	-	40.1	40.2	40.2	39.8	-	-	-	-	-
506	Electrical goods.....	-	40.9	40.5	41.0	40.8	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	40.0	39.9	39.9	40.0	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.9	40.7	40.8	40.7	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	39.1	39.2	39.3	39.2	-	-	-	-	-
52-59	RETAIL TRADE.....	33.4	33.6	34.7	33.5	33.7	-	-	-	-	-
53	Retail general merchandise	-	32.3	32.9	32.2	32.2	-	-	-	-	-
531	Department stores	-	31.7	32.4	31.6	31.8	-	-	-	-	-
532	Mail order houses	-	38.4	38.6	37.0	37.5	-	-	-	-	-
533	Variety stores	-	31.6	31.6	30.9	30.4	-	-	-	-	-
54	Food stores.....	-	32.5	33.7	31.9	32.6	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores..	-	32.9	34.0	32.1	32.9	-	-	-	-	-
56	Apparel and accessory stores	-	31.4	32.6	31.7	31.8	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.0	34.3	33.5	33.4	-	-	-	-	-
562	Women's ready-to-wear stores	-	30.1	30.9	30.3	30.5	-	-	-	-	-
565	Family clothing stores.....	-	33.1	34.2	33.8	33.9	-	-	-	-	-
566	Shoe stores.....	-	31.0	33.0	30.9	30.9	-	-	-	-	-
57	Furniture and home furnishings stores..	-	37.2	37.6	37.4	37.3	-	-	-	-	-
571	Furniture and home furnishings.....	-	37.5	37.7	37.5	37.2	-	-	-	-	-
58	Eating and drinking places ⁶	-	30.5	32.3	30.5	30.9	-	-	-	-	-
52,55,59	Other retail trade	-	37.6	38.5	37.8	37.8	-	-	-	-	-
52	Building materials and farm equipment	-	40.2	40.8	40.5	40.3	-	-	-	-	-
551,2	Motor vehicle dealers	-	40.2	40.6	40.5	40.3	-	-	-	-	-
553,9	Other automotive & accessory dealers..	-	41.2	42.0	41.2	41.9	-	-	-	-	-
591	Drug stores and proprietary stores ..	-	31.2	32.9	31.6	31.9	-	-	-	-	-
594	Book and stationery stores	-	33.5	35.1	33.2	33.6	-	-	-	-	-
598	Fuel and ice dealers.....	-	37.7	38.1	38.9	38.2	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	37.2	37.1	37.2	37.1	36.9	-	-	-	-	-
60	Banking.....	-	37.2	37.2	37.0	36.9	-	-	-	-	-
61	Credit agencies other than banks	-	38.0	38.4	37.9	37.8	-	-	-	-	-
612	Savings and loan associations	-	36.8	37.2	37.3	37.1	-	-	-	-	-
62	Security, commodity brokers & services..	-	37.4	37.3	36.8	36.8	-	-	-	-	-
63	Insurance carriers	-	36.9	37.0	36.9	36.8	-	-	-	-	-
631	Life insurance	-	36.8	36.7	36.3	36.2	-	-	-	-	-
632	Accident and health insurance	-	36.5	36.6	37.1	36.8	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.3	37.5	37.5	37.4	-	-	-	-	-
-	SERVICES.....	34.2	34.3	34.6	34.1	34.1	-	-	-	-	-
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶ ...	-	33.1	34.9	33.7	33.7	-	-	-	-	-
	Personal Services:										
721	Laundries and dry cleaning plants....	-	35.4	35.6	35.3	35.2	-	-	-	-	-
722	Photographic studios	-	34.3	34.7	37.1	35.1	-	-	-	-	-
	Motion pictures:										
781	Motion picture filming & distributing..	-	38.1	38.0	37.5	37.7	-	-	-	-	-
806	Hospitals	-	34.4	34.7	34.3	34.4	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government

(Employment in thousands—includes both supervisory and nonsupervisory employees)

Item	1972						1971						
	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
EXECUTIVE BRANCH													
Total employment	2,602.7	2,602.7	2,617.6	2,621.1	2,624.0	2,616.3	2,616.2	2,614.1	2,645.2	2,615.7	2,619.5	2,626.9	2,649.8
Average weekly hours	39.6	39.6	39.2	39.3	39.2	39.2	39.3	39.4	42.2	39.4	40.0	39.5	39.4
Average overtime hours	1.1	1.0	.9	.9	.8	.7	.8	0	3.3	.8	.9	.9	.8
Indexes (1967=100):													
Average weekly earnings	149.9	148.6	149.2	149.6	148.7	149.2	148.5	147.0	153.7	137.6	139.9	141.2	139.2
Average hourly earnings	149.2	147.8	150.0	150.0	149.5	150.0	148.9	147.0	143.5	137.6	137.8	140.8	139.2
DEPARTMENT OF DEFENSE													
Total employment	976.6	976.2	988.4	987.9	987.5	988.2	990.9	992.9	995.4	997.2	998.1	998.1	1,001.4
Average weekly hours	39.8	40.1	39.7	40.0	39.8	39.9	40.0	40.1	39.8	40.1	41.1	40.0	39.8
Average overtime hours . . . . .	.8	.9	1.0	1.0	.8	.7	.6	.6	.6	.8	.8	.9	.9
Indexes (1967=100):													
Average weekly earnings	146.7	147.2	150.6	150.6	149.1	150.0	147.9	147.0	141.8	142.3	142.8	141.2	138.9
Average hourly earnings	148.5	148.0	152.9	151.8	151.0	151.5	149.0	147.7	143.6	143.1	140.1	142.2	140.6
POSTAL SERVICE													
Total employment	672.7	673.8	694.2	698.8	703.6	704.2	704.2	706.0	738.9	705.8	703.7	705.6	713.7
Average weekly hours	39.5	39.3	38.4	38.5	38.6	38.5	38.7	38.8	49.8	38.5	39.5	39.0	38.6
Average overtime hours	1.3	1.2	.8	.8	.9	.8	.9	1.0	10.7	1.0	1.1	.7	.7
Indexes (1967=100):													
Average weekly earnings	161.6	154.3	151.3	150.8	150.9	150.5	151.6	148.3	208.1	140.2	143.8	143.2	141.2
Average hourly earnings	157.9	151.5	152.1	151.2	150.9	150.9	151.2	147.6	161.3	140.5	140.5	141.8	141.2
OTHER AGENCIES													
Total employment	953.4	952.7	935.0	934.4	932.9	923.9	921.1	915.2	910.9	912.7	917.7	923.2	934.7
Average weekly hours	39.5	39.4	39.3	39.0	38.9	39.0	38.9	39.0	39.1	39.2	39.2	39.1	39.4
Average overtime hours	1.2	1.0	.9	.8	.9	.7	1.0	0	.6	.7	.8	.9	.9
Indexes (1967=100):													
Average weekly earnings	146.9	147.3	148.2	148.5	147.7	149.3	148.7	147.5	134.0	132.3	136.0	140.4	138.7
Average hourly earnings	144.3	145.0	146.3	147.8	147.3	148.5	148.3	146.8	132.9	130.9	134.7	139.4	136.6

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

C-4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry

Major industry group	Average hourly earnings excluding overtime ¹				
	Oct. 1972 ^p	Sept. 1972 ^p	Aug. 1972	Oct. 1971	Sept. 1971
MANUFACTURING	\$3.70	\$3.68	\$3.64	\$3.46	\$3.46
DURABLE GOODS	3.93	3.92	3.87	3.68	3.68
Ordnance and accessories		3.99	3.94	3.77	3.77
Lumber and wood products		3.20	3.16	3.07	3.07
Furniture and fixtures		2.98	2.95	2.82	2.85
Stone, clay, and glass products		3.76	3.73	3.52	3.54
Primary metal industries		4.53	4.49	4.20	4.19
Fabricated metal products		3.86	3.82	3.63	3.64
Machinery, except electrical		4.12	4.08	3.90	3.90
Electrical equipment and supplies		3.59	3.56	3.40	3.41
Transportation equipment		4.56	4.49	4.24	4.23
Instruments and related products		3.59	3.60	3.44	3.46
Miscellaneous manufacturing industries		3.02	2.99	2.88	2.88
NONDURABLE GOODS	3.37	3.36	3.32	3.17	3.18
Food and kindred products		3.43	3.39	3.23	3.21
Tobacco manufactures		3.30	3.30	2.94	2.92
Textile mill products		2.61	2.59	2.46	2.46
Apparel and other textile products		2.59	2.56	2.46	2.47
Paper and allied products		3.77	3.74	3.53	3.55
Printing and publishing		(2)	(2)	(2)	(2)
Chemicals and allied products		4.09	4.07	3.85	3.87
Petroleum and coal products		4.76	4.74	4.44	4.45
Rubber and plastics products, n e c	-	3.47	3.46	3.30	3.31
Leather and leather products	-	2.63	2.62	2.56	2.56

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

²Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

^p = preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Worker with no dependents			Worker with three dependents		
				Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971
TOTAL PRIVATE:									
Current dollars	\$139.13	\$137.62	\$129.50	\$113.84	\$112.72	\$105.42	\$123.43	\$122.24	\$114.16
1967 dollars	110.25	109.48	105.97	90.21	89.67	86.27	97.81	97.25	93.42
MINING:									
Current dollars	189.62	186.60	175.14	151.74	149.33	140.23	163.66	161.12	150.95
1967 dollars	150.25	148.45	143.32	120.24	118.80	114.75	129.68	128.18	123.53
CONTRACT CONSTRUCTION:									
Current dollars	234.17	230.35	215.13	186.90	183.89	171.67	201.01	197.81	184.33
1967 dollars	185.55	183.25	176.05	148.10	146.29	140.48	159.28	157.37	150.84
MANUFACTURING:									
Current dollars	157.87	154.28	143.28	127.57	125.02	115.59	138.03	135.24	124.89
1967 dollars	125.10	122.74	117.25	101.09	99.46	94.59	109.37	107.59	102.20
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	192.51	191.76	176.66	154.04	153.44	141.43	166.08	165.45	152.22
1967 dollars	152.54	152.55	144.57	122.06	122.07	115.74	131.60	131.62	124.57
WHOLESALE AND RETAIL TRADE:									
Current dollars	107.06	108.06	102.08	89.99	90.75	85.03	98.03	98.83	92.47
1967 dollars	84.83	85.97	83.54	71.31	72.20	69.58	87.68	88.62	75.67
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	128.37	127.97	121.77	105.90	105.60	99.72	114.96	114.64	108.06
1967 dollars	101.72	101.81	99.65	83.81	84.01	81.60	91.09	91.20	88.43
SERVICES:									
Current dollars	110.45	108.64	104.35	92.56	91.19	86.75	100.74	99.29	94.28
1967 dollars	87.52	86.43	85.39	73.34	72.55	70.99	79.83	78.99	77.15
CONSUMER PRICE INDEX (All items, 1967 = 100).....	126.2	125.7	122.2	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

¹For coverage of series, see footnote 1, table B-2.
p = preliminary (applicable to earnings data only).

**C-6: Indexes of aggregate weekly man-hours and poyrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls**

1967 = 100

Industry division and group	Oct. 1972 p	Sept. 1972 p	Aug. 1972	Oct. 1971	Sept. 1971
	Man-hours				
TOTAL	108.9	108.9	109.5	104.1	104.2
GOODS-PRODUCING	102.1	102.5	101.4	96.4	96.5
MINING	97.3	99.6	99.7	79.6	99.7
CONTRACT CONSTRUCTION	117.7	118.3	120.3	115.7	111.2
MANUFACTURING	99.5	99.9	98.1	93.5	93.8
DURABLE GOODS	97.9	97.7	94.9	89.9	89.2
Ordnance and accessories	58.1	57.1	57.0	53.6	54.2
Lumber and wood products	105.2	107.4	108.3	102.2	100.9
Furniture and fixtures	115.8	112.6	112.4	103.9	101.9
Stone, clay, and glass products	110.6	110.3	111.2	103.9	104.4
Primary metal industries	97.1	96.6	94.5	83.3	83.7
Fabricated metal products	100.8	101.3	99.6	94.9	94.3
Machinery, except electrical	90.8	90.8	88.0	81.7	82.2
Electrical equipment	97.3	97.1	94.3	89.7	89.5
Transportation equipment	94.7	94.9	86.6	88.7	85.6
Instruments and related products	100.7	99.7	97.4	91.2	90.7
Miscellaneous manufacturing	104.9	103.1	101.8	98.8	97.3
NONDURABLE GOODS	101.8	103.0	102.8	98.8	100.4
Food and kindred products	104.1	108.8	108.8	102.2	110.6
Tobacco manufactures	82.4	80.7	80.7	87.9	98.3
Textile mill products	105.3	104.7	104.4	99.5	98.5
Apparel and other textile products	95.6	95.4	95.7	95.2	94.0
Paper and allied products	103.7	104.7	104.5	99.2	99.8
Printing and publishing	98.5	99.5	98.3	96.8	96.7
Chemicals and allied products	99.1	99.3	98.5	97.2	98.9
Petroleum and coal products	103.0	104.2	103.9	102.4	104.5
Rubber and plastics products, nec	127.2	126.5	124.0	114.4	113.7
Leather and leather products	83.0	86.1	90.3	82.8	81.4
SERVICE-PRODUCING	113.6	113.4	115.1	109.5	109.6
TRANSPORTATION AND PUBLIC UTILITIES	106.0	106.0	106.2	102.7	105.0
WHOLESALE AND RETAIL TRADE	111.3	110.8	113.0	107.4	107.1
WHOLESALE TRADE	110.9	110.2	110.8	106.9	105.9
RETAIL TRADE	111.5	111.0	113.8	107.6	107.6
FINANCE, INSURANCE, AND REAL ESTATE	120.7	120.6	122.7	117.1	116.8
SERVICES	118.1	118.1	119.9	113.3	113.1

¹ For coverage of series, see footnote 1, table B-2, preliminary.

C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls --Continued

1967 = 100

Industry division and group	Oct. 1972 p	Sept. 1972 p	Aug. 1972	Oct. 1971	Sept. 1971
	Payrolls				
TOTAL	151.6	151.2	149.5	136.0	136.1
GOODS-PRODUCING	143.9	144.2	140.7	127.4	127.2
MINING	134.4	137.9	136.7	97.9	130.1
CONTRACT CONSTRUCTION	176.4	176.4	176.3	165.2	157.6
MANUFACTURING	136.0	136.2	131.7	118.8	119.3
DURABLE GOODS	134.0	133.7	127.7	114.3	113.4
Ordnance and accessories	75.7	74.5	73.6	65.5	66.2
Lumber and wood products	149.6	153.3	152.5	139.0	137.2
Furniture and fixtures	156.2	150.7	148.7	130.9	129.3
Stone, clay, and glass products	157.8	156.2	156.0	137.6	138.9
Primary metal industries	137.1	137.5	132.7	108.3	108.8
Fabricated metal products	136.7	137.7	133.6	119.9	119.4
Machinery, except electrical	123.4	123.2	117.5	103.5	104.1
Electrical equipment	130.6	130.3	125.1	113.2	113.2
Transportation equipment	133.6	133.0	118.8	113.9	109.4
Instruments and related products	133.0	130.6	126.9	113.3	113.4
Miscellaneous manufacturing	140.1	137.4	134.1	125.1	123.2
NONDURABLE GOODS	139.4	140.5	138.6	126.6	129.3
Food and kindred products	143.5	148.9	147.0	131.1	141.8
Tobacco manufactures	122.1	119.6	120.3	116.3	130.6
Textile mill products	141.3	140.1	132.4	125.3	123.7
Apparel and other textile products	125.6	124.4	123.2	117.9	116.8
Paper and allied products	145.1	146.1	144.6	128.8	130.7
Printing and publishing	137.0	138.5	134.6	126.1	126.5
Chemicals and allied products	136.7	136.4	134.2	125.2	128.3
Petroleum and coal products	144.3	145.1	143.6	133.0	136.1
Rubber and plastics products, nec	169.1	168.1	163.9	143.6	143.5
Leather and leather products	109.6	113.2	118.0	105.5	103.2
SERVICE-PRODUCING	158.3	157.2	157.1	143.3	143.7
TRANSPORTATION AND PUBLIC UTILITIES	155.7	155.1	154.4	136.8	140.5
WHOLESALE AND RETAIL TRADE	151.5	150.5	151.3	139.0	138.4
WHOLESALE TRADE	150.9	149.6	148.7	138.0	136.9
RETAIL TRADE	151.9	150.9	152.8	139.4	139.2
FINANCE, INSURANCE, AND REAL ESTATE	163.2	161.7	163.4	150.0	149.2
SERVICES	167.3	166.0	164.6	151.6	151.2

¹ For coverage of series, see footnote 1, table B-2, preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

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**C-7: Average weekly hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted**

Industry	1972											1971	
	Oct. ^P	Sept. ^P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
TOTAL PRIVATE	37.3	37.3	37.1	37.2	37.1	37.0	37.3	37.1	37.2	37.0	37.1	37.1	37.0
MINING	42.2	42.9	42.5	42.1	42.6	42.3	42.4	42.8	42.5	42.7	42.4	42.3	42.5
CONTRACT CONSTRUCTION	37.7	37.1	37.1	37.0	36.9	36.7	36.7	37.2	37.3	37.1	36.8	39.0	37.6
MANUFACTURING	40.7	40.7	40.6	40.6	40.7	40.5	40.8	40.4	40.4	40.1	40.2	40.1	39.9
<i>Overtime hours</i>	3.5	3.6	3.5	3.4	3.4	3.4	3.5	3.3	3.2	2.9	3.1	3.0	3.0
DURABLE GOODS	41.4	41.3	41.3	41.2	41.3	41.1	41.4	41.0	41.1	40.6	40.9	40.6	40.4
<i>Overtime hours</i>	3.7	3.8	3.6	3.5	3.4	3.5	3.7	3.3	3.2	2.9	3.0	2.9	2.8
<i>Ordnance and accessories</i>	41.6	41.9	42.7	42.4	42.0	42.0	42.2	42.0	42.2	41.7	41.9	41.9	41.7
Lumber and wood products	40.7	41.4	41.2	41.1	41.2	41.0	41.1	40.9	40.8	40.9	40.7	40.7	40.7
Furniture and fixtures	40.6	40.5	40.5	40.4	40.8	40.5	40.7	40.4	40.6	40.3	40.0	40.0	39.8
Stone, clay, and glass products	42.1	41.8	41.9	41.9	42.0	41.8	42.0	42.0	42.0	41.9	41.6	41.8	41.9
Primary metal industries	42.7	42.0	41.5	41.4	41.4	41.3	41.4	41.1	41.0	40.6	40.9	40.4	40.3
Fabricated metal products	41.0	41.0	41.2	41.3	41.2	41.1	41.4	40.9	41.0	40.6	40.9	40.5	40.2
Machinery, except electrical	42.0	42.4	42.3	42.0	42.1	41.8	41.9	41.4	41.4	41.0	41.2	41.1	40.8
Electrical equipment and supplies	40.4	40.7	40.5	40.3	40.5	40.4	40.8	40.2	40.6	40.0	40.2	40.1	39.9
Transportation equipment	41.7	41.6	41.2	41.3	41.6	41.9	43.0	41.7	41.7	40.9	41.5	40.7	40.4
Instruments and related products	40.9	40.8	40.6	40.4	40.6	40.6	40.7	40.3	40.6	40.3	40.4	40.1	40.0
Miscellaneous manufacturing industries	39.2	39.5	39.5	39.3	39.5	39.4	39.6	39.2	39.4	39.1	39.2	39.1	39.1
NONDURABLE GOODS	39.7	39.7	39.8	39.6	39.7	39.6	39.8	39.6	39.6	39.4	39.5	39.5	39.3
<i>Overtime hours</i>	3.3	3.3	3.3	3.3	3.3	3.2	3.5	3.3	3.2	3.1	3.0	3.0	3.0
Food and kindred products	40.6	40.1	40.3	40.4	40.5	40.4	40.7	40.6	40.1	40.0	40.3	40.0	40.1
Tobacco manufactures	36.2	34.1	35.4	34.3	34.2	33.7	34.1	34.5	34.1	34.6	35.5	35.6	35.1
Textile mill products	41.3	41.4	41.3	41.2	41.3	41.2	41.7	41.4	41.2	41.2	41.0	41.1	40.8
Apparel and other textile products	36.1	36.2	36.0	36.0	35.9	35.6	36.2	35.8	36.2	35.9	35.9	36.2	35.9
Paper and allied products	42.6	42.9	43.0	42.8	43.0	42.5	42.9	42.7	42.6	42.2	42.4	42.3	42.1
Printing and publishing	37.9	38.2	37.9	38.0	37.9	37.7	38.0	37.6	37.6	37.4	37.5	37.6	37.5
Chemicals and allied products	41.8	41.7	41.7	41.8	42.0	41.6	41.7	41.8	41.8	41.7	41.7	41.5	41.5
Petroleum and coal products	42.1	42.4	41.8	41.6	42.2	42.0	42.4	42.2	42.2	42.4	42.6	42.0	42.3
Rubber and plastics products, nec	41.0	41.1	41.4	40.9	41.3	41.0	41.3	41.0	41.0	40.8	40.8	40.6	40.4
Leather and leather products	38.0	38.6	39.0	38.4	38.6	38.6	39.1	38.2	38.5	38.1	38.0	38.2	37.9
TRANSPORTATION AND PUBLIC UTILITIES	40.7	40.5	40.7	40.3	40.6	40.6	40.4	40.4	40.3	40.2	40.5	40.4	40.2
WHOLESALE AND RETAIL TRADE	35.1	35.0	35.0	35.1	35.3	35.1	35.2	35.2	35.1	35.1	35.3	35.2	35.2
WHOLESALE TRADE	39.8	39.8	39.6	39.8	39.9	40.0	39.9	39.9	39.9	39.8	39.8	39.9	39.8
RETAIL TRADE	33.6	33.5	33.6	33.7	33.8	33.7	33.7	33.6	33.6	33.7	33.9	33.7	33.7
FINANCE, INSURANCE, AND REAL ESTATE	37.2	37.2	37.1	37.3	37.2	37.1	37.3	37.1	37.1	37.3	37.0	37.0	37.1
SERVICES	34.3	34.4	34.1	34.3	34.1	34.0	34.1	34.1	34.2	34.1	34.2	34.1	34.2

¹For coverage of series, see footnote 1, table B-2.
p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED
**C-8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted**

Industry division and group	1972											1971	
	Oct. P	Sept. P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
TOTAL	107.9	107.3	106.8	106.4	106.7	106.2	105.9	105.2	104.8	104.3	104.1	103.9	103.1
GOODS-PRODUCING	99.6	98.8	98.2	97.3	98.2	97.5	97.5	96.5	96.0	95.3	94.9	95.3	94.0
MINING	96.7	98.3	96.8	95.4	96.1	96.7	96.7	99.8	98.7	99.3	97.6	79.2	79.1
CONTRACT CONSTRUCTION	108.4	106.7	106.3	104.3	106.1	105.3	103.7	105.9	105.3	106.3	103.4	111.8	106.4
MANUFACTURING	98.2	97.5	96.8	96.2	96.9	96.2	96.4	94.8	94.3	93.2	93.3	93.0	92.3
DURABLE GOODS	97.0	96.0	95.1	94.2	94.6	94.2	94.1	92.0	91.6	90.1	90.2	89.7	89.1
Ordnance and accessories	57.8	55.9	57.0	56.0	54.9	53.2	52.8	51.4	51.7	51.7	51.9	52.5	53.4
Lumber and wood products	103.2	104.5	104.2	103.8	103.8	102.9	103.2	101.9	101.5	101.7	100.8	101.0	100.2
Furniture and fixtures	112.7	110.5	110.0	109.2	109.2	107.6	108.1	106.5	106.5	104.9	103.3	102.3	101.0
Stone, clay, and glass products	108.3	106.3	106.8	106.4	106.6	105.7	104.8	104.8	104.0	103.6	101.4	102.3	101.9
Primary metal industries	100.7	97.9	94.2	91.8	92.5	92.8	91.7	90.2	88.5	87.5	87.3	86.3	86.5
Fabricated metal products	99.4	99.0	99.5	99.1	99.2	98.6	98.3	96.2	95.9	94.4	94.6	94.0	93.4
Machinery, except electrical	91.4	90.8	90.2	88.7	89.1	87.7	86.3	84.5	84.5	82.9	83.6	83.5	82.4
Electrical equipment	96.2	95.3	94.2	93.5	94.3	93.0	93.2	91.2	91.5	89.5	89.9	89.3	88.7
Transportation equipment	92.2	91.5	90.3	90.6	91.0	92.8	94.9	90.3	89.5	87.2	88.7	87.5	86.5
Instruments and related products	100.3	99.0	97.5	96.0	96.5	95.4	94.2	92.3	93.0	91.9	91.1	91.5	90.9
Miscellaneous manufacturing	98.1	98.3	98.3	96.9	98.3	97.2	98.3	96.7	96.6	94.7	93.1	92.6	92.6
NONDURABLE GOODS	100.0	99.6	99.3	99.0	100.1	99.1	99.8	98.8	98.3	97.7	97.7	97.8	97.0
Food and kindred products	98.0	96.7	96.9	98.8	100.3	98.3	99.4	99.2	97.4	97.8	98.2	97.6	96.3
Tobacco manufactures	68.6	64.6	70.9	74.7	75.7	74.5	75.4	76.3	71.8	72.9	73.6	76.3	72.7
Textile mill products	104.8	104.1	103.7	102.8	103.4	102.9	103.8	102.9	101.6	101.4	100.4	100.2	98.8
Apparel and other textile products	94.5	94.5	93.9	92.1	93.6	93.2	95.3	93.5	94.7	93.3	93.6	95.2	94.1
Paper and allied products	103.3	103.3	102.9	102.4	102.9	101.7	101.2	100.3	99.5	98.6	99.0	98.8	98.9
Printing and publishing	98.1	99.0	97.9	98.1	97.9	97.7	98.2	97.0	96.9	96.5	96.2	96.4	96.3
Chemicals and allied products	99.5	99.1	97.9	98.2	99.1	98.0	97.4	97.6	97.8	97.7	97.7	97.4	97.4
Petroleum and coal products	101.6	101.4	100.0	98.7	100.9	100.5	101.4	100.9	100.9	99.7	102.8	99.6	101.2
Rubber and plastics products, nec	125.6	123.6	123.8	121.8	123.7	120.6	120.2	118.1	117.1	115.5	114.5	113.7	112.9
Leather and leather products	84.9	87.6	88.8	86.8	88.6	88.6	88.4	86.0	86.4	84.5	84.3	84.4	83.7
SERVICE-PRODUCING	113.6	113.2	112.8	112.6	112.7	112.2	111.8	111.3	110.8	110.5	110.5	109.8	109.5
TRANSPORTATION AND PUBLIC UTILITIES	105.3	104.3	104.4	103.5	104.7	104.9	104.1	104.3	102.8	103.1	103.1	102.3	101.8
WHOLESALE AND RETAIL TRADE	111.4	110.8	110.6	110.4	110.9	110.5	109.8	109.1	108.7	108.2	108.4	107.7	107.3
WHOLESALE TRADE	110.1	109.6	108.8	108.7	109.4	109.5	108.5	108.2	107.4	106.8	106.4	106.4	105.9
RETAIL TRADE	111.9	111.2	111.2	111.1	111.4	110.8	110.3	109.5	109.2	108.8	109.2	108.2	107.8
FINANCE, INSURANCE, AND REAL ESTATE	120.9	120.8	120.1	120.4	120.4	119.6	119.6	118.9	118.5	118.9	117.7	117.6	117.5
SERVICES	118.3	118.4	117.6	117.6	116.6	115.8	115.7	115.1	115.2	114.4	114.5	113.7	113.6

¹ For coverage of series, see footnote 1, table B-2.
p= preliminary.

C-9: Man-hours of wage and salary workers¹ in nonagricultural establishments

Industry division	Annual rate, millions of man-hours ²			Percent change ³		
	October 1972 P	September 1972 P	August 1972	September 1972 to October 1972	August 1972 to September 1972	October 1971 to October 1972
TOTAL - ALL INDUSTRIES	144,357	143,721	142,660	5.4	9.3	4.5
TOTAL - PRIVATE	116,811	116,113	115,722	7.5	4.1	4.2
MINING	1,330	1,350	1,330	-16.3	19.6	15.7
CONTRACT CONSTRUCTION	6,953	6,843	6,837	21.2	1.0	2.0
MANUFACTURING	40,166	39,857	39,704	9.7	4.7	4.9
TRANSPORTATION AND PUBLIC UTILITIES	9,547	9,454	9,477	12.5	-2.9	4.0
WHOLESALE AND RETAIL TRADE	28,966	28,790	28,760	7.6	1.3	3.6
FINANCE, INSURANCE, AND REAL ESTATE	7,668	7,645	7,593	3.7	8.4	3.5
SERVICES	22,181	22,174	22,021	0.4	8.6	4.3
GOVERNMENT	27,546	27,608	26,938	-2.7	34.3	5.5

¹ Data refer to hours paid for 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*—Chapter 25. Output Per Man-Hour Measures, Private Economy.

² "Annual rate" refers to total man-hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.

³ Percent change compounded at annual rates.

p= preliminary.

SOURCE: Bureau of Labor Statistics, Office of Productivity and Technology.

**ESTABLISHMENT DATA
OUTPUT PER MAN-HOUR
SEASONALLY ADJUSTED**

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C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted

Item	1967=100												
	Annual average		Quarterly indexes										
			1972			1971				1970			
	1971	1970	III	II	I	IV	III	II	I	IV	III	II	I
Total private:													
Output per man-hour	108.1	104.3	113.2p	112.2	110.5	109.4	108.5	107.6	107.0	105.1	105.6	103.9	102.8
Output	110.3	107.1	118.8p	117.1	114.3	112.3	110.4	109.7	108.7	106.5	107.9	107.3	106.8
Man-hours	102.0	102.6	105.0p	104.4	103.4	102.6	101.8	101.9	101.6	101.3	102.1	103.2	103.9
Compensation per man-hour ¹	133.4	124.6	142.2p	140.7	138.8	136.0	134.4	132.5	130.6	127.7	126.1	123.3	121.5
Real compensation per man-hour ²	109.9	107.1	113.0p	112.9	112.2	110.8	110.2	109.7	109.2	107.7	107.7	106.5	106.6
Unit labor costs	123.4	119.4	125.6p	125.5	125.7	124.2	123.9	123.2	122.0	121.5	119.4	118.7	118.2
Unit nonlabor payments ³	110.6	104.3	115.6p	114.3	112.6	111.6	111.3	110.4	109.1	106.4	105.3	103.6	101.7
Implicit price deflator ⁴	118.4	113.5	121.7p	121.1	120.6	119.3	119.0	118.2	117.0	115.6	113.9	112.8	111.8
Private nonfarm:													
Output per man-hour	107.1	103.4	113.0p	111.3	109.9	108.5	107.3	106.6	105.8	103.9	104.7	103.0	101.8
Output	110.4	107.2	119.8p	117.8	114.9	112.7	110.5	109.8	108.7	106.5	108.1	107.3	107.0
Man-hours	103.2	103.8	106.1p	105.9	104.5	103.8	103.0	103.0	102.8	102.5	103.2	104.2	105.1
Compensation per man-hour ¹	131.8	123.1	141.0p	139.0	137.4	134.5	132.9	131.2	128.8	126.1	124.6	122.0	119.9
Real compensation per man-hour ²	108.7	105.8	112.1p	111.5	111.1	109.6	108.9	108.6	107.8	106.3	106.5	105.4	105.2
Unit labor costs	123.2	119.1	124.8p	124.9	125.0	123.9	123.8	123.0	121.8	121.3	119.0	118.4	117.7
Unit nonlabor payments ³	110.7	104.3	114.7p	113.7	112.2	111.3	111.3	110.5	109.5	106.9	105.4	103.6	101.3
Implicit price deflator ⁴	118.4	113.5	121.0p	120.6	120.2	119.1	119.1	118.3	117.1	115.9	113.9	112.8	111.5
Manufacturing:													
Output per man-hour	114.4	108.1	119.5p	118.5	116.6	115.1	115.3	114.7	112.6	109.0	109.6	108.1	105.9
Output ⁵	107.8	106.0	116.3p	115.0	111.1	108.7	107.9	108.2	106.3	102.3	106.8	107.5	107.6
Man-hours	94.2	98.1	97.3p	97.0	95.3	94.5	93.5	94.3	94.4	93.8	97.4	99.4	101.6
Compensation per man-hour ¹	130.5	122.1	139.1p	137.5	135.9	132.2	131.2	130.0	128.2	125.5	124.0	120.9	118.4
Real compensation per man-hour ²	107.5	105.0	110.6p	110.3	109.9	107.8	107.6	107.6	107.3	105.8	106.0	104.5	104.0
Unit labor costs	114.0	113.0	116.5p	116.0	116.5	114.9	113.8	113.3	113.9	115.1	113.1	111.8	111.9
Nonfinancial corporations:													
Output per man-hour	112.0	107.3	n.a.	117.5	115.7	113.9	112.9	111.3	110.2	107.9	108.7	107.0	105.5
Output	112.5	109.5	n.a.	121.2	117.8	114.6	112.5	111.9	110.7	107.4	110.5	110.1	110.1
Man-hours	100.4	102.1	n.a.	103.2	101.8	100.6	99.6	100.5	100.5	99.6	101.6	102.9	104.3
Compensation per man-hour ¹	131.8	123.2	n.a.	139.4	137.9	134.7	133.3	130.9	128.8	126.8	124.9	121.8	119.4
Real compensation per man-hour ²	108.7	105.9	n.a.	111.8	111.4	109.8	109.2	108.4	107.8	106.9	106.7	105.2	104.8
Unit labor costs	117.7	114.8	n.a.	118.7	119.1	118.2	118.0	117.6	116.9	117.5	114.9	113.8	113.2
Unit nonlabor costs ⁶	126.9	120.6	n.a.	128.6	127.9	129.4	128.2	125.7	124.7	125.2	120.3	118.9	116.9
Unit profits ⁷	76.6	71.1	n.a.	81.4	78.1	74.5	76.9	78.8	76.6	65.9	72.6	74.1	71.9
Implicit price deflator ⁴	113.4	109.4	n.a.	115.1	114.8	113.9	113.9	113.4	112.4	111.3	109.6	108.9	107.7

¹ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

² Compensation per man-hour adjusted for changes in the Consumer Price Index.

³ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁴ Current dollar gross product divided by constant dollar gross product.

⁵ Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

⁶ Includes depreciation, interest, and indirect taxes.

⁷ Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary. n.a. = not available
r= revised.

NOTE: Man-hour data underlying the indexes for total private, private nonfarm, and manufacturing are based on March 1971 employment benchmarks. Man-hour data relating to nonfinancial corporations are based on March 1970 employment benchmarks. Data for nonfinancial corporations, adjusted to March 1971 benchmarks will appear in the December 1972 issue of Employment and Earnings.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

**ESTABLISHMENT DATA
OUTPUT PER MAN-HOUR
SEASONALLY ADJUSTED**

C-11: Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate¹

Item	Quarterly percent change						Annual percent change					
	II - III, 1972	I - II, 1972	IV, 1971 to I, 1972	III - IV, 1971	II - III, 1971	I - II, 1971	III, 1971 to III, 1972	II, 1971 to II, 1972	I, 1971 to I, 1972	IV, 1971 to IV, 1971	III, 1970 to II, 1971	II, 1970 to II, 1971
Total private:												
Output per man-hour.....	3.7 p	6.2	3.9	3.7	3.2	2.2	4.3 p	4.2	3.2	4.1	2.7	3.6
Output.....	6.1 p	10.2	7.0	7.2	2.5	3.7	7.6 p	6.7	5.1	5.5	2.3	2.3
Man-hours.....	2.3 p	3.8	3.1	3.4	- 0.6	1.5	3.1 p	2.4	1.8	1.4	0.3	- 1.3
Compensation per man-hour ²	4.2 p	5.6	8.7	4.7	5.8	6.2	5.7 p	6.2	6.3	6.5	6.6	7.5
Real compensation per man-hour ³	0.5 p	2.4	5.1	2.3	1.7	1.8	2.6 p	2.9	2.7	2.9	2.3	3.0
Unit labor costs.....	0.5 p	- 0.6	4.6	1.0	2.6	3.9	1.3 p	1.9	3.0	2.3	3.9	3.8
Unit nonlabor payments ⁴	4.6 p	6.0	3.6	1.1	3.1	4.9	3.8 p	3.5	3.2	4.9	5.7	6.6
Implicit price deflator ⁵	2.0 p	1.7	4.2	1.0	2.8	4.3	2.2 p	2.4	3.1	3.2	4.5	4.8
Private nonfarm:												
Output per man-hour.....	6.2 p	5.1	5.2	4.7	2.5	3.2	5.3 p	4.4	3.9	4.4	2.4	3.5
Output.....	7.1 p	10.6	8.1	8.1	2.4	4.1	8.5 p	7.3	5.6	5.8	2.2	2.3
Man-hours.....	0.9 p	5.2	2.8	3.3	- 0.2	0.9	3.0 p	2.8	1.7	1.3	0.2	- 1.1
Compensation per man-hour ²	5.9 p	4.6	9.1	4.9	5.2	7.5	6.1 p	5.9	6.7	6.7	6.6	7.5
Real compensation per man-hour ³	2.2 p	1.5	5.5	2.6	1.1	3.0	2.9 p	2.7	3.0	3.1	2.2	3.0
Unit labor costs.....	- 0.3 p	- 0.5	3.8	0.3	2.5	4.2	0.8 p	1.5	2.7	2.1	4.0	3.9
Unit nonlabor payments ⁴	3.6 p	5.2	3.5	0.1	2.9	3.7	3.0 p	2.9	2.5	4.1	5.6	6.6
Implicit price deflator ⁵	1.1 p	1.5	3.7	0.1	2.7	4.0	1.6 p	2.0	2.6	2.8	4.6	4.9
Manufacturing:												
Output per man-hour.....	3.3 p	6.6	5.6	1.0	2.2	7.9	3.6 p	3.3	3.6	5.5	5.2	6.1
Output ⁶	4.6 p	14.8	9.1	3.0	- 1.1	7.3	7.8 p	6.3	4.5	6.3	1.0	0.7
Man-hours.....	1.2 p	7.7	3.3	4.1	- 3.2	- 0.5	4.1 p	2.9	0.9	0.7	4.0	- 5.1
Compensation per man-hour ²	4.8 p	4.8	11.5	3.1	3.7	5.7	6.0 p	5.8	6.0	5.4	5.8	7.5
Real compensation per man-hour ³	1.2 p	1.5	8.0	0.8	- 0.3	1.2	2.8 p	2.4	2.4	1.8	1.5	3.0
Unit labor costs.....	1.5 p	- 1.6	5.6	4.2	1.5	- 2.0	2.4 p	2.4	2.3	- 0.2	0.6	1.3
Nonfinancial corporations:												
Output per man-hour.....	n.a.	6.1 p	6.5	3.6	5.7	4.2	n.a.	5.5 p	5.0	5.6	3.9	4.1
Output.....	n.a.	12.0 p	11.5	7.9	1.9	4.5	n.a.	8.2 p	6.4	6.7	1.8	1.7
Man-hours.....	n.a.	5.5 p	4.6	4.1	- 3.6	0.3	n.a.	2.6 p	1.3	1.0	- 2.0	- 2.3
Compensation per man-hour ²	n.a.	4.6 p	9.8	4.3	7.4	6.9	n.a.	6.5 p	7.1	6.2	6.7	7.5
Real compensation per man-hour ³	n.a.	1.5 p	6.2	1.9	2.9	2.6	n.a.	3.1 p	3.4	2.7	2.4	3.1
Unit labor costs.....	n.a.	- 1.4 p	3.1	0.6	1.6	2.5	n.a.	1.0 p	2.0	0.6	2.8	3.3
Unit nonlabor costs ⁷	n.a.	2.1 p	- 4.5	3.6	8.3	3.2	n.a.	2.3 p	2.6	3.3	6.6	5.7
Unit profits ⁸	n.a.	17.8 p	20.9	- 11.8	- 9.2	11.9	n.a.	3.3 p	2.0	13.0	6.0	6.3
Implicit price deflator ⁵	n.a.	1.3 p	2.9	0.0	1.9	3.6	n.a.	1.5 p	2.1	2.4	4.0	4.2

¹ Computed from seasonally-adjusted original data, not from indexes.

² Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

³ Compensation per man-hour adjusted for changes in the Consumer Price Index.

⁴ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁵ Current dollar gross product divided by constant dollar gross product.

⁶ Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

⁷ Includes depreciation, interest, and indirect taxes.

⁸ Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary. n.a. = not available
r= revised.

NOTE: Man-hour data underlying the indexes for total private, private nonfarm, and manufacturing are based on March 1971 employment benchmarks. Man-hour data relating to nonfinancial corporations are based on March 1970 employment benchmarks. Data for nonfinancial corporations, adjusted to March 1971 benchmarks will appear in the December 1972 issue of Employment and Earnings.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

C-12: Indexes of average hourly earnings, private nonfarm economy,¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private ²		Mining		Contract construction		Manufacturing	
1964	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.2
1965	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970	121.2	104.2	120.3	103.4	127.3	109.4	119.6	102.8
1971	129.7	106.9	127.2	104.9	138.1	113.8	127.5	105.1
1971: October ...	131.7	107.6	126.6	103.5	143.0	116.8	128.7	105.2
November ..	131.8	107.5	127.7	104.2	142.6	116.3	128.9	105.1
December ..	133.5	108.4	133.1	108.1	142.2	115.5	131.5	106.9
1972: January ...	134.8	109.4	134.5	109.1	143.0	116.1	132.6	107.6
February ..	135.1	109.1	134.2	108.4	142.9	115.4	133.1	107.5
March	135.5	109.3	134.5	108.5	143.0	115.3	133.5	107.7
April	136.6	109.9	135.7	109.1	144.0	115.9	134.1	107.9
May	136.9	109.8	135.0	108.3	145.6	116.8	134.6	107.9
June	136.9	109.5	135.8	108.6	144.6	115.7	134.7	107.8
July	137.7	109.7	136.6	108.8	145.2	115.7	135.0	107.6
August	138.1	109.8	136.9	108.9	147.0	116.9	135.5	107.8
SeptemberP.	139.6	110.6	138.2	109.5	149.4	118.4	136.7	108.3
OctoberP...	140.1	(*)	138.2	(*)	150.2	(*)	137.1	(*)

Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
	1964	89.4	96.2	87.3	93.9	89.2	96.0	86.3	92.9
1965	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970	119.0	102.3	121.1	104.1	118.9	102.2	122.2	105.0
1971	130.0	107.1	128.3	105.8	126.8	104.5	131.1	108.1
1971: October ...	133.3	108.9	129.9	106.1	127.9	104.5	133.1	108.7
November ..	133.7	109.1	130.0	106.1	127.7	104.2	133.4	108.8
December ..	136.0	110.5	131.1	106.5	129.1	104.9	134.4	109.1
1972: January ...	137.6	111.7	132.4	107.5	131.3	106.6	135.8	110.2
February ..	138.1	111.6	132.6	107.1	131.2	106.0	136.2	110.0
March	139.1	112.2	133.1	107.3	131.5	106.1	136.3	110.0
April	141.1	113.5	134.1	107.9	133.4	107.3	137.5	110.6
May	141.6	113.5	134.2	107.6	132.7	106.4	137.4	110.2
June	141.5	113.2	134.6	107.7	132.7	106.2	137.4	109.9
July	143.8	114.6	135.2	107.7	133.8	106.6	138.4	110.3
August	145.1	115.4	135.0	107.4	133.2	106.0	138.1	109.9
SeptemberP.	146.2	115.9	136.5	108.2	134.0	106.2	140.4	111.2
OctoberP...	146.9	(*)	136.7	(*)	135.4	(*)	141.0	(*)

¹ Production and nonsupervisory workers.

² Prior data are as follows:

Total private	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Current dollars	42.6	46.0	48.2	50.0	53.7	56.4	59.6	61.7	63.7	67.0	70.3	73.2	75.8	78.4	80.8	83.5	85.9
1967 dollars	63.7	63.8	67.5	69.3	69.0	70.9	74.4	76.6	79.4	82.3	83.4	84.5	86.8	88.4	90.2	92.2	93.7

* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-17.

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

C-13: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period ¹ ending in--								
	1972			1971			1970		
	Sept. P	June	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.
Average hourly compensation:									
All persons, total private economy	5.7	r6.2	r6.3	r6.5	r6.6	r7.5	r7.5	6.9	r8.0
All employees, private nonfarm economy:									
Current dollars	6.1	r5.9	r6.6	6.6	r6.6	r7.6	r7.6	6.9	r7.8
1967 dollars	2.9	r2.7	r3.0	3.0	r2.2	r3.1	r2.6	r1.2	r1.9
Average hourly earnings, private nonfarm economy ² :	6.0	6.2	6.5	6.5	6.5	6.9	6.3	5.6	6.1
Mining	6.6	7.3	8.2	2.2	6.7	6.5	6.0	6.7	6.6
Contract construction	5.3	6.9	7.8	8.1	8.3	9.0	8.5	8.8	9.7
Manufacturing	6.6	6.5	6.1	6.4	5.7	6.2	6.4	4.3	5.4
Transportation and public utilities	10.0	10.6	10.0	9.6	9.2	8.9	8.7	6.7	6.2
Wholesale and retail trade	5.0	4.9	5.6	5.3	5.6	5.9	5.6	5.5	6.2
Finance, insurance, and real estate	4.6	4.8	5.5	5.5	6.8	7.7	5.8	5.6	5.3
Services	5.0	5.6	6.0	6.1	6.5	7.7	8.1	7.8	7.9
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.9	6.3	6.6	6.6	6.9	7.4	7.2	6.6	6.8
1967 dollars	2.7	3.0	3.0	3.0	2.5	2.9	2.2	.9	1.1
Mining	7.0	7.4	8.3	4.7	6.5	5.8	5.0	5.6	5.8
Contract construction	5.3	6.7	7.8	8.0	8.2	8.9	8.7	8.7	9.7
Manufacturing	5.8	6.1	6.3	6.2	6.4	6.8	7.0	6.2	6.5
Transportation and public utilities	10.4	10.6	9.8	9.8	9.0	9.0	8.9	6.7	6.3
Wholesale and retail trade	5.0	5.0	5.6	5.7	6.0	6.4	5.9	5.6	6.1
Finance, insurance, and real estate	4.8	5.0	5.4	5.4	6.8	7.7	6.4	6.3	6.3
Services	4.8	5.5	6.2	6.1	7.2	8.0	8.0	7.7	7.6
Average hourly earnings, all Federal executive branch employees ³	(*)	7.2	6.7	3.8	7.2	8.6	13.9	10.5	10.4
Average union scales, 7 building trades: <u>4</u>									
Wages and selected benefits	8.0	7.3	11.1	10.8	11.7	r12.2	r13.6	r12.9	r12.7
Hourly wage rates	6.8	6.1	10.4	10.1	11.0	r11.3	r12.3	11.8	r11.7
Wage rates, hired farm labor	7.3	5.7	4.0	3.5	5.3	5.5	6.1	5.6	6.3
Average weekly earnings, private nonfarm economy: ²									
Current dollars	6.8	6.6	6.9	7.0	6.0	6.4	5.2	3.8	4.4
1967 dollars	3.6	3.4	3.3	3.4	1.6	1.9	.3	-1.8	-1.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.4	4.1	4.1	4.2	2.5	2.8	1.3	-1.3	-.9

¹ Current quarter divided by comparable quarter a year earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted.

⁴ Changes subsequent to June 1971 based on data before seasonal adjustment.

* Not available.

p= preliminary.

r = revised.

NOTE: See technical description at end of table C-17.

C-14: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1972			1971			1970		
	Sept. P	June	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.
Average hourly compensation:									
All persons, total private economy	4.2	r5.6	r8.7	r4.7	r5.8	r6.2	r9.2	r5.4	r9.4
All employees, private nonfarm economy:									
Current dollars	5.6	r4.7	r9.0	r5.1	r5.1	r7.2	r9.0	r5.1	r9.2
1967 dollars	1.9	r1.6	r5.4	r2.7	r1.0	r2.7	r5.6	r-0.3	r4.5
Average hourly earnings, private nonfarm economy ¹ :	4.9	6.5	7.4	5.1	5.6	7.8	7.5	5.0	7.3
Mining	5.0	3.8	31.2	-9.6	7.8	7.2	4.5	7.4	6.8
Contract construction	2.5	5.3	6.8	6.7	8.8	9.0	8.1	7.2	11.6
Manufacturing	5.4	6.6	11.1	3.4	5.0	5.0	12.3	.8	7.0
Transportation and public utilities	9.0	9.2	13.5	8.4	11.4	6.7	11.9	7.0	10.2
Wholesale and retail trade	5.9	3.6	6.6	3.7	5.7	6.3	5.4	5.0	7.1
Finance, insurance, and real estate	2.7	6.5	7.0	2.4	3.3	9.5	6.9	7.5	6.7
Services	1.3	4.3	7.1	7.3	3.6	6.0	7.6	8.7	8.4
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	4.8	5.6	8.0	5.2	6.3	7.1	7.9	6.4	8.2
1967 dollars	1.1	3.0	4.0	2.7	2.2	3.2	4.0	.8	3.6
Mining	6.2	4.2	19.4	-9	8.1	7.6	4.2	5.9	5.6
Contract construction	3.1	4.5	6.9	6.8	8.4	8.9	8.0	7.3	11.4
Manufacturing	4.6	5.5	8.9	4.4	5.6	6.3	8.4	5.2	7.4
Transportation and public utilities	8.8	9.9	13.2	9.7	9.6	6.8	13.1	6.6	9.7
Wholesale and retail trade	5.2	4.4	6.2	4.1	5.3	6.9	6.7	5.3	6.9
Finance, insurance, and real estate	3.2	7.4	6.6	2.2	3.7	9.2	6.8	7.7	7.0
Services	2.5	4.1	7.8	5.1	5.3	6.7	7.5	9.4	8.6
Average hourly earnings, all Federal executive branch employees ²	(*)	3.3	6.4	2.3	-2.8	1.6	3.5	3.8	2.6
Average union scales, 7 building trades: <u>3</u>									
Wages and selected benefits	7.7	13.3	5.6	5.4	4.9	r17.2	r9.3	r12.8	r9.5
Hourly wage rates	6.5	11.3	5.6	3.9	4.0	r17.2	9.3	r10.6	r8.4
Wage rates, hired farm labor	18.6	9.2	7.0	-4.4	12.0	2.3	4.8	2.4	12.7
Average weekly earnings, private nonfarm economy: ¹									
Current dollars	5.6	6.9	7.8	7.0	4.8	8.2	7.9	3.1	6.5
1967 dollars	1.9	4.3	3.8	4.5	.8	4.1	4.0	-2.3	2.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	1.2	3.5	9.1	3.8	.3	3.3	9.6	-2.6	1.5

¹ Production and nonsupervisory workers.

² Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

³ Changes subsequent to June 1971 based on data before seasonal adjustment.

* Not available.

p= preliminary.

r = revised.

NOTE: See technical description at end of table C-17.

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

C-15: Twelve-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1972										1971		
	Oct. ^P	Sept. ^P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
Average hourly earnings, private nonfarm economy ²	6.6	6.0	6.1	5.8	5.8	5.8	6.8	6.5	6.3	6.6	6.6	6.1	6.7
Mining	12.3	6.3	6.3	7.3	7.4	6.9	7.7	7.8	8.0	8.8	8.1	-1.3	-3
Contract construction	5.0	5.2	5.2	5.4	6.0	6.9	7.7	8.0	7.4	8.0	8.7	7.8	8.0
Manufacturing	7.8	7.2	6.7	5.9	6.5	6.5	6.5	6.3	6.0	6.0	6.7	5.9	6.5
Transportation and public utilities	10.2	9.1	10.8	10.2	10.3	10.4	11.2	10.5	9.3	10.1	10.3	9.1	9.4
Wholesale and retail trade	5.2	5.2	4.8	4.9	4.9	4.2	5.7	5.3	5.7	5.7	5.8	5.1	5.1
Finance, insurance, and real estate	5.4	4.8	4.2	4.9	4.6	3.9	5.8	4.6	5.3	6.6	6.0	4.8	5.7
Services	5.9	5.3	4.6	5.0	5.0	5.4	6.4	6.1	5.8	6.1	6.2	5.5	6.6
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	6.4	5.9	5.8	6.0	6.0	6.1	6.7	6.6	6.4	6.9	7.0	6.1	6.7
1967 dollars	(*)	2.5	2.7	2.9	3.0	2.7	3.2	3.0	2.6	3.4	3.5	2.6	3.0
Mining	9.1	6.5	6.6	7.8	7.5	6.9	8.0	8.1	7.9	8.8	7.6	3.1	3.3
Contract construction	5.1	5.3	5.3	5.3	6.0	6.6	7.4	7.7	7.5	8.1	8.0	7.9	8.2
Manufacturing	6.5	6.0	5.7	5.7	6.0	6.2	6.2	6.3	6.2	6.3	6.3	5.8	6.4
Transportation and public utilities	10.2	9.6	10.7	10.9	10.1	10.4	11.2	10.4	9.1	9.9	10.9	9.1	9.3
Wholesale and retail trade	5.2	5.1	4.7	5.0	4.9	4.5	5.5	5.5	5.4	6.0	6.4	5.2	5.6
Finance, insurance, and real estate	5.9	5.0	4.3	5.2	4.7	4.1	6.0	5.0	4.8	6.3	5.8	4.7	5.8
Services	6.0	4.9	4.6	5.0	5.0	5.3	6.4	5.9	6.2	6.5	6.2	5.8	6.4
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	7.2	8.3	7.5	6.9	7.0	7.8	6.7	5.6	4.5	2.8	4.1
Average weekly earnings, private nonfarm economy: ²													
Current dollars	7.5	7.2	6.7	6.7	6.1	6.1	7.7	6.8	7.1	6.9	7.2	6.7	7.0
1967 dollars	(*)	3.8	3.5	3.5	3.1	2.8	4.1	3.2	3.3	3.4	3.8	3.1	3.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	4.5	4.3	4.3	4.0	3.6	4.8	4.0	4.1	4.2	4.6	3.9	4.1

¹ Current month divided by same month a year earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted.

* Not available.
 P= preliminary.

NOTE: See technical description at end of table C-17.

C-16: Six-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1972										1971		
	Oct. ^P	Sept. ^P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
Average hourly earnings, private nonfarm economy ²	5.6	5.6	6.3	5.1	5.7	7.6	7.6	6.4	5.9	6.5	5.9	4.1	6.0
Mining	1.8	5.2	4.7	3.3	4.3	23.8	23.8	7.3	7.9	11.6	10.6	-7.7	-6.3
Contract construction	3.0	3.7	4.4	3.4	4.5	6.6	7.0	6.7	6.0	7.5	7.5	7.2	8.4
Manufacturing	5.9	6.5	6.0	5.5	6.1	10.9	9.7	7.9	7.4	6.2	6.9	2.3	3.4
Transportation and public utilities	8.0	7.2	11.1	9.2	8.8	12.9	12.4	11.0	10.6	11.2	11.9	7.9	10.0
Wholesale and retail trade	4.1	5.5	4.8	4.1	4.1	4.9	6.3	4.9	4.9	5.6	5.7	3.5	5.0
Finance, insurance, and real estate	3.5	5.4	4.8	3.6	4.8	8.0	7.4	4.3	3.7	6.2	4.3	(4/)	4.4
Services	4.5	3.9	2.6	1.9	3.9	6.0	7.3	6.7	6.7	8.2	6.1	4.7	5.4
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.2	5.5	5.3	4.8	5.2	7.6	7.6	6.3	6.2	7.2	6.7	4.5	5.9
1967 dollars	(*)	2.0	2.7	1.6	2.2	4.0	4.3	3.1	2.8	4.2	3.7	1.5	2.1
Mining	2.9	5.3	5.7	4.4	5.4	14.0	15.6	7.6	7.4	11.4	9.6	.2	.8
Contract construction	3.7	3.9	4.3	3.2	4.9	5.7	6.4	6.7	6.4	7.5	7.1	7.5	8.3
Manufacturing	5.7	5.3	5.0	5.0	5.7	8.6	7.2	6.8	6.5	6.5	6.2	3.8	5.1
Transportation and public utilities	7.3	7.9	10.5	9.6	8.5	13.0	13.3	11.2	10.9	12.1	11.8	8.0	9.2
Wholesale and retail trade	4.2	5.0	4.8	4.5	4.0	5.6	6.2	5.2	4.5	5.6	5.8	3.5	4.8
Finance, insurance, and real estate	3.7	5.7	5.4	4.8	5.4	7.8	8.0	4.4	3.2	5.6	4.0	.6	4.1
Services	4.5	4.3	2.8	2.7	4.2	6.2	7.4	5.4	6.4	7.5	5.7	4.4	5.3
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	.4	1.1	4.5	9.0	8.5	6.5	7.0	7.7	5.8	-3.8	-2.7
Average weekly earnings, private nonfarm economy: ²													
Current dollars	5.6	6.8	5.7	6.3	5.7	7.0	9.3	7.6	7.6	7.1	6.5	5.3	6.0
1967 dollars	(*)	3.3	3.0	3.0	2.7	3.4	6.0	4.3	4.1	4.1	3.5	2.2	2.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	2.5	2.3	2.3	5.1	5.7	8.0	6.5	6.3	6.3	2.9	1.6	1.6

¹ Current month divided by month 6 months earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.
⁴ Less than 0.05, percent.

* Not available.
 P= preliminary.

NOTE: See technical description at end of table C-17.

C-17: Average hourly or weekly compensation, seasonally adjusted

Measure	1972										1971		
	3d quarter			2d quarter				1st quarter			4th quarter		
	Oct. ^p	Sept. ^p	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
Levels													
Average hourly earnings, private nonfarm economy ¹	\$ 3.72	\$ 3.69	\$ 3.67	\$ 3.64	\$ 3.63	\$ 3.62	\$ 3.62	\$ 3.59	\$ 3.56	\$ 3.55	\$ 3.53	\$ 3.49	\$ 3.49
Mining	4.39	4.42	4.41	4.39	4.37	4.34	4.35	4.31	4.31	4.32	4.28	3.90	3.91
Contract construction	6.10	6.08	6.06	6.01	6.01	6.02	6.01	5.97	5.93	5.91	5.88	5.83	5.81
Manufacturing	3.87	3.86	3.83	3.79	3.79	3.78	3.76	3.74	3.72	3.69	3.68	3.59	3.59
Transportation and public utilities	4.75	4.69	4.70	4.65	4.59	4.58	4.57	4.53	4.46	4.45	4.40	4.31	4.31
Wholesale and retail trade	3.05	3.05	3.03	3.02	3.00	2.98	2.99	2.97	2.96	2.96	2.94	2.91	2.90
Finance, insurance, and real estate	3.50	3.47	3.45	3.45	3.43	3.43	3.44	3.38	3.37	3.39	3.35	3.30	3.32
Services	3.24	3.20	3.16	3.14	3.15	3.15	3.17	3.14	3.12	3.11	3.09	3.06	3.06
Wage rates, hired farm labor (quarterly data)	1.92			1.84	-	-	1.80	-	-	1.77	-	-	1.79
Average weekly earnings, private nonfarm economy:¹													
Current dollars	138.76	137.64	136.16	135.41	134.67	133.94	135.03	133.19	132.43	131.35	130.96	129.48	129.13
1967 dollars	(*)	109.06	108.32	108.06	107.92	107.99	108.62	107.32	106.75	106.48	106.47	105.59	105.51
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	96.88	96.33	96.16	96.10	95.69	96.69	95.69	95.24	95.09	93.75	93.08	93.03
Indexes, 1967=100													
Average hourly compensation (quarterly data):													
All persons, total private economy			142.2			140.7			138.8			136.0	
All employees, private nonfarm economy:													
Current dollars	-	-	140.8	-	-	138.9	-	-	137.3	-	-	134.4	-
1967 dollars	-	-	111.9	-	-	111.4	-	-	110.9	-	-	109.5	-
Average hourly earnings, private nonfarm economy,¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	140.2	139.2	138.3	137.8	137.1	136.7	136.7	135.5	134.8	134.6	133.6	131.8	131.8
1967 dollars	(*)	110.3	110.1	110.0	109.8	109.6	110.0	109.2	108.7	109.1	108.6	107.5	107.7
Mining	137.6	138.2	137.8	137.3	136.3	135.2	135.7	134.6	134.1	134.3	132.8	126.6	126.1
Contract construction	148.0	147.3	146.8	145.6	145.6	145.4	145.3	144.6	143.8	143.3	142.2	141.5	140.9
Manufacturing	137.6	136.7	135.9	135.3	135.0	134.5	133.9	133.2	132.7	132.1	131.3	129.0	129.3
Transportation and public utilities	146.8	145.2	145.1	144.0	141.7	141.8	141.7	139.8	138.0	137.5	136.0	133.5	133.1
Wholesale and retail trade	136.8	136.2	135.6	135.3	134.4	133.6	134.0	132.9	132.4	132.4	131.7	130.0	130.0
Finance, insurance, and real estate	135.9	134.5	133.6	133.9	133.0	132.5	133.4	130.9	130.2	130.8	129.5	127.7	128.4
Services	141.0	139.4	138.0	138.0	137.4	137.5	137.9	136.5	136.1	136.2	134.6	133.5	133.1
Average hourly earnings, all Federal executive branch employees ²	(*)	(*)	149.2	147.8	150.0	150.0	149.5	150.0	148.9	147.0	143.5	137.6	137.8
Average union scales, 7 building trades (quarterly data):^{2/}													
Wages and selected benefits	162.3	-	-	159.3	-	-	154.4	-	-	152.3	-	-	150.3
Hourly wage rates	154.4	-	-	152.0	-	-	148.0	-	-	146.0	-	-	144.6

¹ Production and nonsupervisory workers.

² Not seasonally adjusted.

r = revised

* Not available.

p= preliminary.

Technical description covering tables C-12 through C-17

Characteristic	Average hourly compensation	Average hourly and weekly earnings	Union scales, building trades	Wage rates, hired farm labor
Reference period and source	Basic time series consists of quarterly averages. Data are developed by BLS from Department of Commerce estimates of compensation and BLS man-hour estimates.	Basic time series consists of averages for payroll period including 12th of month. Monthly data have been summed and divided by 3 to obtain quarterly averages. Private industry data obtained by BLS from a stratified probability sample of establishments. Federal data obtained from the Civil Service Commission. Published by BLS monthly in <i>Employment and Earnings</i> .	Basic time series consists of wage rates and selected benefits as of January 1, April 1, July 1, and October 1. Data obtained by BLS from local union officials and union agreements. Published quarterly in press releases.	Basic time series consists of rates as of week preceding January 1, April 1, July 1, and October 1. Data obtained by Department of Agriculture from a sample survey of farm operators and published quarterly in <i>Farm Labor</i> by USDA.
Type of compensation	Compensation is the total of wages and salaries plus supplements to wages and salaries (according to National Income Accounts definitions) per man-hour paid for.	Basic series consists of regular hourly payroll expenditures before deductions, i.e., straight-time hourly earnings plus premium and incentive pay. Series adjusted for overtime and interindustry employment shifts excludes overtime premiums in manufacturing only. Weekly earnings in 1967 dollars adjust earnings for price changes while spendable earnings adjust for price and Federal income and social security tax changes.	Compensation is, in the case of wage scales, minimum wage rates (excluding premium pay for holiday, vacation, or overtime) agreed upon in collective bargaining. In the case of wages and selected benefits, it is wages, as defined above, plus employer payments to health and welfare, pension, and vacation funds.	Compensation is cash payments to worker, exclusive of perquisites such as room or board.
Type of worker	1. Total private economy: All persons, i.e., all employees and imputed compensation of self employed. 2. Nonfarm economy: All nonfarm employees including government enterprise and private household workers.	1. Private: Production and related workers in mining and manufacturing; construction workers in contract construction; and nonsupervisory workers in all other industries. 2. Federal Executive Branch: All workers, supervisory and nonsupervisory.	Unionized building trades workers in continental United States cities of 100,000 population or more in the following seven trades: Bricklayers, building laborers, carpenters, electricians, painters, plasterers, and plumbers.	Hired farm workers defined as those working only for wages, for 1 hour or more on farm during survey week.

ESTABLISHMENT DATA

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STATE AND AREA HOURS AND EARNINGS

C-18: 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		
	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971
ALABAMA	\$ 135.55	\$ 133.90	\$ 123.62	41.2	41.2	40.8	\$ 3.29	\$ 3.25	\$ 3.03
Birmingham	161.59	156.74	144.44	40.6	40.5	39.9	3.98	3.87	3.62
Mobile	(*)	165.09	145.73	(*)	41.9	41.4	(*)	3.94	3.52
ALASKA	(*)	186.90	200.12	(*)	38.3	35.8	(*)	4.88	5.59
ARIZONA	160.37	154.80	152.11	40.6	40.0	41.0	3.95	3.87	3.71
Phoenix	159.99	154.84	153.68	40.3	39.5	41.2	3.97	3.92	3.73
Tucson	151.40	152.66	139.81	40.7	40.6	38.2	3.72	3.76	3.66
ARKANSAS	116.03	113.55	107.46	41.0	40.7	40.4	2.83	2.79	2.66
Fort Smith	110.83	110.52	104.94	39.3	39.9	39.9	2.82	2.77	2.63
Little Rock-North Little Rock	120.90	118.59	112.56	40.3	40.2	40.2	3.00	2.95	2.80
Pine Bluff	142.68	141.11	130.99	41.0	40.9	39.1	3.48	3.45	3.35
CALIFORNIA	173.26	171.23	160.79	40.2	40.1	39.7	4.31	4.27	4.05
Anaheim-Santa Ana-Garden Grove	170.54	167.26	156.79	40.8	40.4	40.1	4.18	4.14	3.91
Bakersfield	180.30	176.88	164.79	40.7	40.2	39.9	4.43	4.40	4.13
Fresno	152.31	146.22	141.73	40.4	39.2	39.7	3.77	3.73	3.57
Los Angeles-Long Beach	167.26	164.01	153.66	40.4	40.1	39.4	4.14	4.09	3.90
Modesto	153.65	148.55	138.55	38.8	37.8	38.7	3.96	3.93	3.58
Oxnard-Simi Valley-Ventura	156.00	150.54	142.76	40.0	38.6	38.9	3.90	3.90	3.67
Riverside-San Bernardino-Ontario	168.86	170.52	155.22	40.3	40.6	39.8	4.19	4.20	3.90
Sacramento	177.86	179.25	174.66	39.7	40.1	41.0	4.48	4.47	4.26
Salinas-Seaside-Monterey	165.63	166.44	145.27	41.1	40.3	39.8	4.03	4.13	3.65
San Diego	172.10	174.99	168.67	38.5	39.5	39.5	4.47	4.43	4.27
San Francisco-Oakland	199.69	197.01	181.74	39.7	39.8	39.0	5.03	4.95	4.66
San Jose	181.12	177.01	170.14	40.7	39.6	40.9	4.45	4.47	4.16
Santa Barbara-Santa Maria-Lompoc	147.23	151.24	147.43	36.9	38.0	37.9	3.99	3.98	3.89
Santa Rosa	157.08	166.87	148.99	38.5	40.8	38.4	4.08	4.09	3.88
Stockton	185.95	186.08	169.72	41.6	42.1	41.7	4.47	4.42	4.07
Vallejo-Fairfield-Napa	169.18	168.33	151.70	39.9	39.7	38.7	4.24	4.24	3.92
COLORADO	166.01	164.41	155.90	41.4	41.0	40.6	4.01	4.01	3.84
Denver	171.39	169.74	159.56	41.2	41.2	40.6	4.16	4.12	3.93
CONNECTICUT	163.88	159.86	148.19	41.7	41.2	40.6	3.93	3.88	3.65
Bridgeport	167.22	165.53	151.00	41.7	41.8	40.7	4.01	3.96	3.71
Hartford	174.69	169.71	152.38	42.4	41.8	40.1	4.12	4.06	3.80
New Britain	170.47	167.66	153.78	42.3	41.5	40.9	4.03	4.04	3.76
New Haven	160.55	157.00	146.03	41.7	41.1	39.9	3.85	3.82	3.66
Stamford	166.05	166.05	155.56	40.9	41.0	40.3	4.06	4.05	3.86
Waterbury	153.85	151.56	138.65	42.5	42.1	40.9	3.62	3.60	3.39
DELAWARE	165.24	151.64	156.36	40.4	38.1	40.3	4.09	3.98	3.88
Wilmington	182.74	167.52	174.53	40.7	37.9	40.4	4.49	4.42	4.32
DISTRICT OF COLUMBIA: Washington SMSA	178.79	178.55	172.40	38.7	38.9	40.0	4.62	4.59	4.3
FLORIDA	135.22	135.96	126.86	41.1	41.2	40.4	3.29	3.30	3.14
Fort Lauderdale-Hollywood	141.17	138.31	134.53	41.4	40.8	40.4	3.41	3.39	3.33
Jacksonville	159.56	157.63	145.74	42.1	41.7	42.0	3.79	3.78	3.47
Miami	127.58	127.70	116.01	40.5	40.8	38.8	3.15	3.13	2.99
Orlando	132.57	129.97	119.81	41.3	41.0	38.4	3.21	3.17	3.12
Pensacola	159.90	159.95	170.02	41.0	40.7	46.2	3.90	3.93	3.68
Tampa-St. Petersburg	139.04	141.23	137.03	40.3	40.7	41.4	3.45	3.47	3.31
West Palm Beach	161.97	155.80	149.94	42.4	41.0	42.0	3.82	3.80	3.57
GEORGIA	127.20	121.60	116.52	41.3	40.4	40.6	3.08	3.01	2.87
Atlanta	161.98	145.16	141.87	40.8	38.3	39.3	3.97	3.79	3.61
Savannah	159.42	159.28	150.30	42.4	43.4	42.1	3.76	3.67	3.57

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-18: 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		
	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971
HAWAII	\$146.29	\$131.38	\$137.83	38.6	39.1	38.5	\$3.79	\$3.36	\$3.58
Honolulu.....	139.50	125.06	136.02	37.6	38.6	38.1	3.71	3.24	3.57
IDAHO	154.00	152.45	147.94	40.0	39.7	40.2	3.85	3.84	3.68
ILLINOIS	177.84	172.79	160.05	41.3	40.9	40.2	4.30	4.22	3.98
Chicago	(*)	175.33	160.28	(*)	40.9	39.8	(*)	4.29	4.03
Davenport-Rock Island-Moline	(*)	193.92	179.51	(*)	39.7	39.8	(*)	4.88	4.52
Decatur	(*)	191.22	171.09	(*)	41.6	40.4	(*)	4.59	4.24
Peoria	(*)	211.25	189.79	(*)	42.9	41.2	(*)	4.92	4.61
Rockford.....	(*)	168.02	167.13	(*)	41.5	42.0	(*)	4.05	3.98
Springfield.....	(*)	189.07	174.44	(*)	41.1	41.1	(*)	4.60	4.25
INDIANA	183.46	180.02	158.40	41.6	41.1	39.6	4.41	4.38	4.00
Indianapolis.....	(*)	191.17	166.46	(*)	42.2	40.8	(*)	4.53	4.08
IOWA	180.89	175.01	163.22	41.3	40.7	40.3	4.38	4.30	4.05
Cedar Rapids.....	175.75	172.08	165.24	41.5	41.3	40.9	4.23	4.17	4.04
Des Moines	198.89	182.34	171.07	42.4	40.0	39.6	4.69	4.56	4.32
Dubuque	213.53	165.68	185.97	40.3	34.9	39.4	5.30	4.75	4.72
Sioux City.....	156.14	151.32	145.35	41.0	40.3	40.6	3.81	3.75	3.58
Waterloo	223.16	237.82	181.19	43.4	45.5	40.9	5.14	5.23	4.43
KANSAS	158.39	152.44	148.88	41.5	40.5	41.4	3.82	3.76	3.60
Topeka	201.66	194.83	173.84	47.0	45.4	42.7	4.29	4.29	4.07
Wichita	162.82	162.71	159.24	41.7	41.9	42.6	3.91	3.88	3.74
KENTUCKY	153.47	149.08	139.04	40.6	40.4	39.5	3.78	3.69	3.52
Louisville	183.37	176.58	166.06	41.3	40.5	40.8	4.44	4.36	4.07
LOUISIANA	160.27	158.47	143.91	42.4	42.6	41.0	3.78	3.72	3.51
Baton Rouge.....	216.57	212.93	201.45	42.8	42.5	42.5	5.06	5.01	4.74
New Orleans	158.18	159.78	139.98	41.3	41.5	39.1	3.83	3.85	3.58
Shreveport	147.07	141.28	144.57	41.9	41.8	42.9	3.51	3.38	3.37
MAINE	126.28	125.97	116.29	41.0	41.3	40.1	3.08	3.05	2.90
Lewiston-Auburn.....	106.08	106.26	96.63	39.0	39.5	37.6	2.72	2.69	2.57
Portland	142.12	141.79	130.01	41.8	42.2	40.5	3.40	3.36	3.21
MARYLAND.....	163.61	156.79	145.67	40.8	40.1	39.8	4.01	3.91	3.66
Baltimore	171.80	166.04	151.64	41.1	40.4	39.8	4.18	4.11	3.81
MASSACHUSETTS	150.22	145.60	136.97	40.6	40.0	39.7	3.70	3.64	3.45
Boston	165.24	157.21	149.33	40.6	39.6	39.4	4.07	3.97	3.79
Brockton	127.36	125.42	118.49	39.8	40.2	38.1	3.20	3.12	3.11
Fall River.....	108.77	108.27	104.60	36.5	36.7	36.7	2.98	2.95	2.85
Lawrence-Haverhill	145.93	144.27	136.75	40.2	40.3	40.7	3.63	3.58	3.36
Lowell	133.17	130.22	118.26	39.4	39.7	38.9	3.38	3.28	3.04
New Bedford	123.17	123.16	111.30	39.1	39.6	37.6	3.15	3.11	2.96
Springfield-Chicopee-Holyoke	153.30	149.85	138.50	41.1	40.5	39.8	3.73	3.70	3.48
Worcester	154.28	148.48	137.77	40.6	39.7	38.7	3.80	3.74	3.56
MICHIGAN	215.92	206.16	178.33	43.4	42.1	38.7	4.98	4.90	4.61
Ann Arbor.....	229.25	217.92	195.68	44.3	41.5	40.8	5.18	5.25	4.80
Battle Creek.....	202.08	204.18	179.99	41.9	42.3	41.0	4.82	4.83	4.39
Bay City	189.34	191.01	168.25	42.0	42.4	40.3	4.51	4.51	4.18
Detroit.....	233.91	224.36	190.24	44.2	42.8	39.2	5.29	5.24	4.85
Flint	229.82	215.08	174.52	42.9	39.8	33.9	5.36	5.40	5.15
Grand Rapids	174.35	174.22	153.07	41.7	42.0	38.8	4.18	4.15	3.95
Jackson	197.98	191.92	177.02	41.9	41.3	39.4	4.73	4.65	4.49
Kalamazoo	203.97	195.38	173.24	43.5	42.3	40.0	4.69	4.62	4.33
Lansing-East Lansing	238.03	211.90	176.15	44.5	40.3	36.5	5.35	5.26	4.83
Muskegon-Muskegon Heights	184.15	180.80	154.68	41.4	41.1	38.7	4.45	4.40	4.00
Saginaw	229.81	223.25	190.45	42.7	41.8	36.2	5.38	5.34	5.26

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

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C-18: 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		
	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971
MINNESOTA	\$ 163.58	\$ 162.77	\$ 151.60	41.1	41.0	40.0	\$ 3.98	\$ 3.97	\$ 3.79
Duluth-Superior	185.09	168.09	144.32	41.5	41.3	38.9	4.46	4.07	3.71
Minneapolis-St. Paul	178.37	177.59	166.04	41.1	41.3	40.4	4.34	4.30	4.11
MISSISSIPPI	114.54	112.61	105.37	41.2	40.8	41.0	2.78	2.76	2.57
Jackson	112.74	111.92	108.45	41.6	41.3	42.2	2.71	2.71	2.57
MISSOURI	154.79	151.20	141.57	40.1	40.0	39.0	3.86	3.78	3.63
Kansas City	(*)	144.80	136.07	(*)	40.0	39.1	(*)	3.62	3.48
St. Joseph	143.50	150.15	147.03	41.0	42.9	43.5	3.50	3.50	3.38
St. Louis	178.57	174.47	162.33	40.4	40.2	39.4	4.42	4.34	4.12
Springfield	133.90	131.63	116.05	40.7	40.5	37.8	3.29	3.25	3.07
MONTANA ..	171.38	168.92	159.51	41.8	41.1	39.0	4.10	4.11	4.09
NEBRASKA	152.72	148.42	144.33	42.2	42.0	42.0	3.62	3.53	3.43
Lincoln	143.50	139.04	136.47	40.8	40.4	40.9	3.52	3.44	3.34
Omaha	162.11	159.15	148.71	41.5	41.4	41.0	3.90	3.84	3.63
NEVADA	171.38	178.93	173.75	38.6	40.3	40.5	4.44	4.44	4.29
Las Vegas	(*)	220.08	221.36	(*)	42.9	47.3	(*)	5.13	4.68
NEW HAMPSHIRE	130.25	130.41	120.43	40.2	40.5	39.1	3.24	3.22	3.08
Manchester	115.36	115.71	110.68	38.2	38.7	38.7	3.02	2.99	2.86
NEW JERSEY	166.38	162.33	152.97	41.7	41.2	40.9	3.99	3.94	3.74
Atlantic City	127.43	136.53	121.60	37.7	41.0	38.0	3.38	3.33	3.20
Camden ¹	157.44	154.35	150.92	41.0	40.3	40.9	3.84	3.83	3.69
Jersey City ²	165.55	161.92	155.32	41.7	41.2	41.2	3.97	3.93	3.77
Newark ²	164.81	157.61	152.28	41.1	39.7	40.5	4.01	3.97	3.76
Paterson-Clifton-Passaic ²	166.44	161.17	150.40	41.3	40.7	40.0	4.03	3.96	3.76
Perth Amboy ²	181.45	180.17	166.38	42.1	41.9	41.7	4.31	4.30	3.99
Trenton	178.85	174.23	150.78	43.2	42.6	40.1	4.14	4.09	3.76
NEW MEXICO	121.42	119.25	108.57	41.3	40.7	38.5	2.94	2.93	2.82
Albuquerque	126.14	127.48	123.20	40.3	40.6	40.0	3.13	3.14	3.08
NEW YORK	(*)	157.61	147.39	(*)	39.6	39.2	(*)	3.98	3.76
Albany-Schenectady-Troy	181.41	178.00	162.81	41.8	41.3	40.6	4.34	4.31	4.01
Binghamton	158.53	154.50	150.96	41.5	41.2	40.8	3.82	3.75	3.70
Buffalo	196.88	193.39	173.69	41.8	41.5	40.3	4.71	4.66	4.31
Elmira	154.31	151.65	139.39	40.5	39.7	39.6	3.81	3.82	3.52
Monroe County ³	199.66	193.02	180.40	42.3	41.6	41.0	4.72	4.64	4.40
Nassau and Suffolk Counties ⁴	154.82	150.52	147.71	39.8	39.3	39.6	3.89	3.83	3.73
New York-Northeastern New Jersey	(*)	153.66	145.06	(*)	39.2	39.1	(*)	3.92	3.71
New York SMSA ²	(*)	146.69	139.46	(*)	38.1	38.0	(*)	3.85	3.67
New York City ⁴	(*)	145.15	137.98	(*)	37.7	37.7	(*)	3.85	3.66
Rochester	190.71	184.16	173.03	42.1	41.2	41.1	4.53	4.47	4.21
Rockland County ⁴	156.31	154.31	147.36	40.6	40.5	39.4	3.85	3.81	3.74
Syracuse	175.54	171.39	155.90	42.4	41.6	40.6	4.14	4.12	3.84
Utica-Rome	151.70	145.08	135.09	41.0	40.3	39.5	3.70	3.60	3.42
Westchester County ⁴	165.24	153.27	144.75	40.8	39.1	38.6	4.05	3.92	3.75
NORTH CAROLINA	114.24	112.74	105.85	40.8	40.7	40.4	2.80	2.77	2.62
Asheville	110.02	110.98	105.73	40.3	40.8	41.3	2.73	2.72	2.56
Charlotte	124.98	121.84	113.96	41.8	41.3	40.7	2.99	2.95	2.80
Greensboro-Winston-Salem-High Point	125.93	123.47	112.62	39.6	39.7	38.7	3.18	3.11	2.91
Raleigh	119.54	116.69	105.86	40.8	40.1	39.5	2.93	2.91	2.68
NORTH DAKOTA	(*)	133.67	135.20	(*)	39.9	41.6	(*)	3.35	3.25
Fargo-Moorhead	(*)	149.34	134.32	(*)	39.3	36.6	(*)	3.80	3.67

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-18: 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		
	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971	Sept. 1972 P	Aug. 1972	Sept. 1971
OHIO	\$ 189.00	\$ 185.12	\$ 168.91	42.0	41.6	40.7	\$ 4.50	\$ 4.45	\$ 4.15
Akron	208.17	204.11	182.29	43.1	42.7	40.6	4.83	4.78	4.49
Canton	188.03	178.85	157.50	41.6	40.1	37.5	4.52	4.46	4.20
Cincinnati	178.07	174.71	161.48	42.6	42.2	41.3	4.18	4.14	3.91
Cleveland	195.99	192.04	168.86	42.7	42.3	40.3	4.59	4.54	4.19
Columbus	174.64	168.47	156.42	40.9	40.4	39.5	4.27	4.17	3.96
Dayton	209.90	203.30	190.53	43.1	42.8	41.6	4.87	4.75	4.58
Toledo	194.52	195.70	181.02	41.3	41.2	42.0	4.71	4.75	4.31
Youngstown-Warren	205.58	197.78	175.50	41.7	40.2	39.0	4.93	4.92	4.50
OKLAHOMA	143.56	140.88	133.65	40.9	40.6	40.5	3.51	3.47	3.30
Oklahoma City	144.54	143.72	135.94	40.6	40.6	40.7	3.56	3.54	3.34
Tulsa	151.50	149.57	138.48	40.4	40.1	38.9	3.75	3.73	3.56
OREGON	168.95	168.33	159.83	39.2	39.7	38.7	4.31	4.24	4.13
Eugene-Springfield	(*)	167.90	165.48	(*)	39.6	39.4	(*)	4.24	4.20
Portland	(*)	168.66	158.67	(*)	39.5	38.7	(*)	4.27	4.10
PENNSYLVANIA	158.79	156.00	141.23	40.2	40.0	38.8	3.95	3.90	3.64
Allentown-Bethlehem-Easton	162.80	160.39	144.76	40.0	39.8	38.5	4.07	4.03	3.76
Altoona	127.88	125.68	114.22	37.5	38.2	38.2	3.41	3.29	2.99
Delaware Valley 5	166.01	164.00	152.88	40.1	40.0	39.2	4.14	4.10	3.90
Erie	169.12	161.85	155.82	42.6	41.5	42.0	3.97	3.90	3.71
Harrisburg	144.84	145.66	130.13	39.9	40.8	38.5	3.63	3.57	3.38
Johnstown	164.80	159.38	145.45	37.2	37.5	37.2	4.43	4.25	3.91
Lancaster	147.55	145.25	130.54	41.1	40.8	39.2	3.59	3.56	3.33
Philadelphia SMSA	164.82	162.80	152.87	40.2	40.0	39.5	4.10	4.07	3.87
Pittsburgh	184.82	181.75	158.15	40.8	40.3	38.2	4.53	4.51	4.14
Reading	144.87	141.73	127.39	39.8	39.7	37.8	3.64	3.57	3.37
Scranton	117.94	114.35	109.63	36.4	36.3	36.3	3.24	3.15	3.02
Wilkes-Barre-Hazleton	119.41	118.56	107.81	37.2	37.4	36.3	3.21	3.17	2.97
York	143.87	143.90	135.62	41.7	42.2	41.6	3.45	3.41	3.26
RHODE ISLAND	125.22	125.53	118.17	39.5	39.6	39.0	3.17	3.17	3.03
Providence-Warwick-Pawtucket	126.80	126.17	119.78	40.0	39.8	39.4	3.17	3.17	3.04
SOUTH CAROLINA	117.73	115.92	110.42	41.6	41.4	41.2	2.83	2.80	2.68
Charleston	130.70	128.11	130.70	41.1	40.8	41.1	3.18	3.14	3.18
Greenville	117.73	116.06	107.83	41.6	41.6	41.0	2.83	2.79	2.63
SOUTH DAKOTA	142.46	137.34	140.85	43.7	43.6	45.0	3.26	3.15	3.13
Sioux Falls	180.95	164.62	173.14	47.0	45.6	48.5	3.85	3.61	3.57
TENNESSEE	129.68	126.28	117.79	41.3	41.0	40.2	3.14	3.08	2.93
Chattanooga	142.27	136.74	132.43	41.0	40.1	41.0	3.47	3.41	3.23
Knoxville	144.43	142.51	135.09	40.8	40.6	39.5	3.54	3.51	3.42
Memphis	153.46	150.36	137.76	41.7	42.0	41.0	3.68	3.58	3.36
Nashville	129.56	125.90	126.08	39.5	39.1	39.9	3.28	3.22	3.16
TEXAS	146.97	143.91	136.55	41.4	41.0	40.4	3.55	3.51	3.38
Amarillo	121.21	119.20	124.31	39.1	38.7	40.1	3.10	3.08	3.10
Austin	126.68	127.14	118.96	41.4	42.1	40.6	3.06	3.02	2.93
Beaumont-Port Arthur-Orange	193.11	190.88	176.76	41.0	40.7	39.9	4.71	4.69	4.43
Corpus Christi	181.47	181.40	178.06	42.8	43.5	41.7	4.24	4.17	4.27
Dallas	136.12	136.45	127.43	41.0	41.1	40.2	3.32	3.32	3.17
El Paso	103.60	97.00	91.03	40.0	38.8	40.1	2.59	2.50	2.27
Fort Worth	154.66	148.63	144.02	41.8	41.4	40.8	3.70	3.59	3.53
Galveston-Texas City	219.48	218.54	206.59	42.7	42.6	41.4	5.14	5.13	4.99
Houston	179.77	175.13	165.20	42.7	42.2	41.3	4.21	4.15	4.00
Lubbock	123.84	123.27	115.79	43.3	43.1	41.8	2.86	2.86	2.77
San Antonio	117.00	115.48	108.14	42.7	42.3	40.2	2.74	2.73	2.69
Waco	125.74	126.17	114.56	40.3	40.7	39.1	3.12	3.10	2.93
Wichita Falls	109.20	110.76	99.97	39.0	39.7	38.9	2.80	2.79	2.57

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-18: 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		
	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971	Sept. 1972 ^P	Aug. 1972	Sept. 1971
UTAH	\$151.24	\$149.34	\$143.05	39.8	39.3	39.3	\$3.80	\$3.80	\$3.64
Salt Lake City	140.69	139.37	136.06	39.3	38.5	39.9	3.58	3.62	3.41
VERMONT	141.28	137.10	131.04	42.3	41.8	41.6	3.34	3.28	3.15
Burlington	168.84	153.09	148.16	44.2	41.6	41.5	3.82	3.68	3.57
Springfield	155.08	152.77	138.17	41.8	41.4	40.4	3.71	3.69	3.42
VIRGINIA	128.02	127.20	117.79	40.9	40.9	40.2	3.13	3.11	2.93
Lynchburg	130.73	127.68	112.18	41.9	42.0	39.5	3.12	3.04	2.84
Norfolk-Virginia Beach-Portsmouth	140.53	142.95	128.74	42.2	42.8	41.0	3.33	3.34	3.14
Northern Virginia	161.60	163.59	159.51	40.4	41.0	40.9	4.00	3.99	3.90
Richmond	146.91	148.61	134.97	41.5	42.1	40.9	3.54	3.53	3.30
Roanoke	125.16	119.36	109.48	42.0	40.6	40.4	2.98	2.94	2.71
WASHINGTON	181.03	179.55	168.00	39.7	39.9	38.8	4.56	4.50	4.33
Seattle-Everett	183.88	180.75	175.78	39.8	39.9	39.5	4.62	4.53	4.45
Spokane	173.70	173.31	165.75	38.6	38.6	39.0	4.50	4.49	4.25
Tacoma	183.14	184.67	165.46	38.8	39.8	38.3	4.72	4.64	4.32
WEST VIRGINIA	157.20	155.62	144.18	40.0	39.8	39.5	3.93	3.91	3.65
Charleston	188.16	188.13	179.35	42.0	41.9	42.3	4.48	4.49	4.24
Huntington-Ashland	168.00	170.17	151.70	40.0	39.3	38.6	4.20	4.33	3.93
Wheeling	166.05	168.47	153.03	40.5	41.7	40.7	4.10	4.04	3.76
WISCONSIN	175.98	168.99	157.61	42.1	41.2	40.9	4.18	4.10	3.85
Appleton-Oshkosh	174.19	171.44	156.08	43.3	42.9	41.5	4.02	4.00	3.76
Green Bay	174.85	169.81	160.08	43.7	43.2	43.0	4.00	3.93	3.72
Kenosha	232.92	206.04	171.07	45.3	41.7	39.0	5.15	4.94	4.39
La Crosse	135.71	137.61	132.01	40.4	41.0	41.0	3.36	3.36	3.22
Madison	187.83	182.80	180.69	40.9	40.7	41.7	4.59	4.49	4.34
Milwaukee	191.58	185.37	169.80	41.7	41.0	40.1	4.60	4.52	4.23
Racine	184.87	178.66	170.28	41.8	40.9	41.0	4.42	4.37	4.15
WYOMING	152.48	163.80	146.92	39.4	42.0	39.6	3.87	3.90	3.71
Casper	207.45	196.11	180.99	45.0	43.1	41.8	4.61	4.55	4.33
Cheyenne	168.82	169.29	145.15	42.1	41.8	37.8	4.01	4.05	3.84

¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
² Area included in the New York-Northeastern New Jersey Standard Consolidated Area.
³ Subarea of Rochester Standard Metropolitan Statistical Area.
⁴ Subarea of New York Standard Metropolitan Statistical Area.
⁵ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
⁶ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
^{*} Not available.
^p preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
LABOR TURNOVER
D-1: Labor turnover rates in manufacturing
1960 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1960	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1	4.6
1969	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9	4.7
1970	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4	4.0
1971	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5	3.9
1972	4.1	3.7	4.0	4.0	4.8	5.2	4.6	6.0	5.3 P				
New hires													
1960	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2	3.5
1969	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.7
1970	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4	2.8
1971	2.0	1.9	2.2	2.3	2.6	3.5	2.7	3.4	3.4	2.7	2.2	1.6	2.5
1972	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.3 P				
Total separations													
1960	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8	4.6
1969	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2	4.9
1970	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1	4.8
1971	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8	4.2
1972	4.0	3.5	3.8	3.7	3.9	4.2	4.8	5.4	5.4 P				
Quits													
1960	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6	2.5
1969	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6	2.7
1970	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	1.9	1.5	1.2	1.8
1972	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5 P				
Layoffs													
1960	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4	1.2
1969	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2	1.8
1971	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8	1.6
1972	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9 P				

p=preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972
	MANUFACTURING	5.3	6.0	4.3	4.4	5.4	5.4	3.5	3.6	0.9	0.9
19,24,25,32-39	DURABLE GOODS . . .	4.8	5.5	3.9	3.9	4.7	4.8	3.0	3.0	.7	.7
20-23,26-31	NONDURABLE GOODS . . .	6.0	6.7	4.8	5.1	6.3	6.3	4.2	4.3	1.2	1.0
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	-	3.4	-	2.1	-	2.4	-	1.3	-	.4
192	Ammunition, except for small arms	-	3.5	-	2.2	-	2.3	-	1.3	-	.3
24	LUMBER AND WOOD PRODUCTS	7.1	7.0	6.5	6.4	7.8	7.5	6.8	5.8	.5	.6
242	Sawmills and planing mills	-	6.5	-	5.9	-	7.2	-	5.7	-	.4
2421	Sawmills and planing mills, general	-	5.7	-	5.2	-	6.4	-	5.0	-	.4
243	Millwork, plywood & related products	-	7.4	-	6.9	-	7.8	-	6.1	-	.6
2431	Millwork	-	7.3	-	6.9	-	8.0	-	6.2	-	.6
2432	Veneer and plywood	-	6.0	-	5.4	-	6.6	-	4.9	-	.5
244	Wooden containers	-	9.1	-	8.7	-	11.0	-	8.9	-	.8
2441,2	Wooden boxes, shooks, and crates	-	9.6	-	9.4	-	11.2	-	9.6	-	.3
249	Miscellaneous wood products	-	7.8	-	6.8	-	8.5	-	6.4	-	.8
25	FURNITURE AND FIXTURES	8.3	8.9	7.3	8.0	7.4	8.7	5.6	6.4	.4	.7
251	Household furniture	-	9.4	-	8.5	-	9.2	-	7.0	-	.7
2511	Wood household furniture	-	9.9	-	9.1	-	9.4	-	7.4	-	.4
2512	Upholstered household furniture	-	8.0	-	7.6	-	7.6	-	6.2	-	.1
2515	Mattresses and bedsprings	-	8.8	-	7.7	-	8.4	-	6.1	-	.4
252	Office furniture	-	5.9	-	5.7	-	5.1	-	3.5	-	.2
32	STONE, CLAY, AND GLASS PRODUCTS	4.5	5.2	3.9	4.3	5.2	5.5	3.5	3.9	.7	.6
321	Flat glass	-	4.2	-	1.9	-	4.0	-	1.3	-	1.8
322	Glass and glassware, pressed or blown	-	3.9	-	3.1	-	4.6	-	3.2	-	.2
3221	Glass containers	-	3.3	-	2.8	-	5.1	-	3.7	-	.3
3229	Pressed and blown glass, n e c	-	4.7	-	3.5	-	3.9	-	2.4	-	.1
324	Cement, hydraulic	-	1.1	-	.9	-	2.5	-	1.8	-	.2
325	Structural clay products	-	6.9	-	6.4	-	8.1	-	6.7	-	.4
3251	Brick and structural clay tile	-	8.1	-	7.7	-	9.6	-	8.1	-	.5
326	Pottery and related products	-	6.1	-	5.2	-	5.6	-	4.1	-	.2
3291	Abrasive products	-	2.9	-	2.5	-	3.6	-	1.8	-	.3
33	PRIMARY METAL INDUSTRIES	3.4	4.1	2.6	2.5	3.6	3.6	2.0	2.0	.6	.5
331	Blast furnace and basic steel products	-	2.7	-	1.4	-	3.1	-	1.4	-	.6
3312	Blast furnaces and steel mills	-	2.6	-	1.2	-	3.0	-	1.2	-	.6
332	Iron and steel foundries	-	6.2	-	4.2	-	4.9	-	3.0	-	.6
3321	Gray iron foundries	-	7.2	-	4.6	-	5.1	-	3.2	-	.6
3322	Malleable iron foundries	-	5.6	-	4.8	-	5.7	-	3.8	-	.2
3323	Steel foundries	-	4.2	-	2.9	-	3.9	-	2.2	-	.9
333,4	Nonferrous metals	-	3.3	-	2.2	-	3.2	-	2.0	-	.2
335	Nonferrous rolling and drawing	-	5.0	-	2.7	-	2.7	-	1.6	-	.2
3351	Copper rolling and drawing	-	4.1	-	3.6	-	3.3	-	2.4	-	.1
3352	Aluminum rolling and drawing	-	2.8	-	2.4	-	2.7	-	1.6	-	.2
3357	Nonferrous wire drawing, and insulating	-	7.9	-	2.8	-	2.5	-	1.4	-	.3
336	Nonferrous foundries	-	7.3	-	5.6	-	6.2	-	4.1	-	.9
3361	Aluminum castings	-	8.2	-	6.2	-	6.5	-	4.5	-	.6
3362,9	Other nonferrous castings	-	6.3	-	4.9	-	5.9	-	3.6	-	1.1
339	Miscellaneous primary metal products	-	4.2	-	3.0	-	3.3	-	2.0	-	.4
3391	Iron and steel forgings	-	3.9	-	2.3	-	3.0	-	1.8	-	.3

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**
D-2: Labor turnover rates, by industry--Continued

		(Per 100 employees)									
SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	-	5.8	-	4.6	-	5.6	-	3.6	-	0.9
341	Metal cans	-	4.5	-	1.8	-	7.1	-	2.3	-	3.2
342	Cutlery, hand tools, and hardware	-	5.4	-	4.7	-	4.7	-	3.3	-	.3
3421,3,5	Cutlery and hand tools, incl. saws	-	5.6	-	5.0	-	4.9	-	3.5	-	.2
3429	Hardware, n e c	-	5.2	-	4.5	-	4.6	-	3.1	-	.4
343	Plumbing and heating, except electric	-	4.2	-	3.8	-	5.6	-	3.5	-	1.2
3431.2	Sanitary ware & plumbers' brass goods	-	4.0	-	3.6	-	5.2	-	3.9	-	.4
3433	Heating equipment, except electric	-	4.3	-	4.0	-	6.1	-	3.0	-	1.9
344	Fabricated structural metal products	-	5.8	-	5.0	-	6.1	-	4.0	-	.9
3441	Fabricated structural steel	-	5.2	-	4.2	-	6.1	-	3.7	-	1.2
3443	Fabricated plate work (boiler shops)	-	4.5	-	3.7	-	4.1	-	2.6	-	.5
3446.9	Architectural and misc. metal work	-	6.3	-	5.7	-	6.9	-	4.9	-	.8
345	Screw machine products, bolts, etc.	-	4.6	-	4.4	-	4.7	-	3.4	-	.2
3452	Bolts, nuts, rivets, and washers	-	3.4	-	3.1	-	3.8	-	2.6	-	.2
346	Metal stampings	-	7.1	-	4.2	-	4.7	-	2.8	-	.8
348	Misc. fabricated wire products	-	5.9	-	5.6	-	6.2	-	4.9	-	.4
349	Misc. fabricated metal products	-	4.1	-	3.2	-	4.7	-	3.2	-	.6
3494.8	Valves, pipe, and pipe fittings	-	3.9	-	3.0	-	4.1	-	2.8	-	.5
35	MACHINERY, EXCEPT ELECTRICAL	3.9	3.6	3.2	2.8	3.4	3.7	2.1	2.1	.4	.7
351	Engines and turbines	-	2.7	-	1.8	-	2.5	-	1.1	-	.4
3511	Steam engines and turbines	-	1.5	-	.8	-	1.5	-	.5	-	(¹)
3519	Internal combustion engines, n e c	-	3.5	-	2.4	-	3.2	-	1.4	-	.7
352	Farm machinery	-	4.9	-	3.8	-	5.1	-	2.9	-	1.2
353	Construction and related machinery	-	3.4	-	2.8	-	3.3	-	2.0	-	.5
3531.2	Construction and mining machinery	-	2.8	-	2.1	-	2.4	-	1.4	-	.3
3533	Oil field machinery	-	4.3	-	3.7	-	5.2	-	3.3	-	.7
3535.6	Conveyors, hoists, cranes, monorails	-	3.4	-	3.0	-	4.0	-	2.3	-	.8
354	Metal working machinery	-	3.6	-	2.6	-	3.5	-	1.8	-	.9
3541	Machine tools, metal cutting types	-	3.1	-	2.1	-	2.3	-	1.4	-	.4
3545	Machine tool accessories	-	3.6	-	2.6	-	2.6	-	1.6	-	.2
3542.8	Misc. metal working machinery	-	3.9	-	3.1	-	3.2	-	2.1	-	.4
355	Special industry machinery	-	3.8	-	3.2	-	3.4	-	2.1	-	.5
3551	Food products machinery	-	3.5	-	3.0	-	4.0	-	2.0	-	1.4
3552	Textile machinery	-	5.1	-	4.3	-	4.7	-	3.0	-	.4
356	General industrial machinery	-	3.3	-	2.7	-	3.6	-	2.1	-	.6
3561	Pumps and compressors	-	2.9	-	2.3	-	3.5	-	2.0	-	.6
3562	Ball and roller bearings	-	3.2	-	2.0	-	3.4	-	1.6	-	.9
3566	Power transmission equipment	-	3.2	-	2.8	-	3.5	-	2.3	-	.2
357	Office and computing machines	-	2.3	-	1.7	-	2.5	-	1.3	-	.3
3573	Electronic computing equipment	-	2.1	-	1.6	-	2.0	-	1.1	-	.1
358	Service industry machines	-	3.4	-	2.8	-	4.8	-	2.5	-	1.3
3585	Refrigeration machinery	-	3.3	-	2.6	-	4.5	-	2.3	-	1.3
36	ELECTRICAL EQUIPMENT AND SUPPLIES	-	4.6	-	3.4	-	4.2	-	2.7	-	.5
361	Electric test & distributing equipment	-	3.7	-	3.0	-	3.8	-	2.5	-	.4
3611	Electric measuring instruments	-	4.5	-	3.8	-	3.5	-	2.5	-	.1
3612	Transformers	-	3.5	-	2.6	-	4.2	-	2.4	-	.8
3613	Switchgear and switchboard apparatus	-	3.1	-	2.6	-	3.8	-	2.6	-	.3
362	Electrical industrial apparatus	-	3.7	-	2.7	-	3.7	-	2.5	-	.4
3621	Motors and generators	-	3.8	-	2.5	-	3.3	-	2.0	-	.5
3622	Industrial controls	-	3.3	-	2.8	-	4.3	-	3.2	-	.2
363	Household appliances	-	5.9	-	4.2	-	5.2	-	3.2	-	1.0
3632	Household refrigerators and freezers	-	6.0	-	2.4	-	5.0	-	2.6	-	1.4
3633	Household laundry equipment	-	3.8	-	1.8	-	2.8	-	1.8	-	.2
3634	Electric housewares and fans	-	8.4	-	7.3	-	7.9	-	4.8	-	1.6
364	Electric lighting and wiring equipment	-	5.7	-	4.7	-	5.1	-	3.4	-	.5
3641	Electric lamps	-	3.6	-	2.3	-	3.0	-	1.8	-	(¹)
3642	Lighting fixtures	-	6.1	-	4.6	-	5.3	-	3.3	-	.6
3643.4	Wiring devices	-	6.2	-	5.7	-	5.8	-	3.9	-	.6
365	Radio and TV receiving equipment	-	7.5	-	5.1	-	5.8	-	3.6	-	.7
366	Communication equipment	-	2.5	-	1.7	-	2.4	-	1.3	-	.5
3661	Telephone and telegraph apparatus	-	2.1	-	1.5	-	1.8	-	1.1	-	.1
3662	Radio and TV communication equipment	-	2.8	-	1.8	-	2.7	-	1.4	-	.6
367	Electronic components and accessories	-	5.4	-	3.9	-	5.1	-	3.5	-	.4
3671-3	Electron tubes	-	6.6	-	3.3	-	3.9	-	2.4	-	.3
3674.9	Other electronic components	-	5.2	-	4.0	-	5.3	-	3.7	-	.5
369	Misc. electrical equipment & supplies	-	5.2	-	4.1	-	4.0	-	2.8	-	.2
3694	Engine electrical equipment	-	4.4	-	3.0	-	3.7	-	2.4	-	.2

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972	Sept. 1972	Aug. 1972
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	-	8.1	-	3.4	-	4.6	-	2.3	-	1.3
371	Motor vehicles and equipment	-	10.8	-	3.2	-	3.6	-	1.6	-	.9
3711	Motor vehicles	-	14.4	-	3.4	-	3.0	-	1.2	-	.8
3712	Passenger car bodies	-	5.4	-	1.7	-	7.5	-	.8	-	5.0
3713	Truck and bus bodies	-	9.9	-	7.2	-	6.1	-	3.7	-	.8
3714	Motor vehicle parts and accessories	-	8.4	-	2.7	-	3.0	-	1.6	-	.4
372	Aircraft and parts	-	2.3	-	1.1	-	2.2	-	1.0	-	.7
3721	Aircraft	-	2.1	-	1.2	-	2.1	-	1.0	-	.8
3722	Aircraft engines and engine parts	-	2.1	-	.6	-	1.6	-	.6	-	.4
3723,9	Other aircraft parts and equipment	-	3.1	-	1.9	-	3.2	-	1.6	-	1.0
373	Ship and boat building and repairing	-	8.2	-	4.6	-	9.7	-	4.0	-	4.1
3731	Ship building and repairing	-	8.4	-	3.9	-	10.1	-	3.3	-	5.2
374	Railroad equipment	-	6.8	-	1.2	-	7.7	-	1.3	-	5.3
375,9	Other transportation equipment	-	11.8	-	10.9	-	10.9	-	8.3	-	.6
38	INSTRUMENTS AND RELATED PRODUCTS	3.8	4.0	3.2	3.2	3.7	3.5	2.4	2.3	.4	.3
381	Engineering & scientific instruments	-	3.1	-	2.2	-	2.8	-	1.6	-	.5
382	Mechanical measuring & control devices	-	4.0	-	3.0	-	4.1	-	2.4	-	.5
3821	Mechanical measuring devices	-	3.7	-	2.7	-	4.0	-	2.3	-	.7
3822	Automatic temperature controls	-	4.7	-	3.7	-	4.4	-	2.7	-	.3
383,5	Optical and ophthalmic goods	-	4.9	-	4.0	-	4.6	-	3.3	-	.4
384	Medical instruments and supplies	-	4.4	-	3.9	-	4.3	-	3.2	-	.4
386	Photographic equipment and supplies	-	2.6	-	2.3	-	1.7	-	1.1	-	.1
387	Watches, clocks, and watchcases	-	7.8	-	6.0	-	5.7	-	3.9	-	.1
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	8.1	8.1	7.3	6.6	7.8	6.8	5.0	4.5	.9	1.0
391	Jewelry, silverware, and plated ware	-	7.4	-	4.9	-	4.9	-	3.2	-	.6
394	Toys and sporting goods	-	11.3	-	9.5	-	9.0	-	6.1	-	1.1
3941-3	Games, toys, dolls, & play vehicles	-	14.5	-	12.0	-	9.5	-	6.4	-	1.3
3949	Sporting and athletic goods, n e c	-	7.1	-	6.1	-	8.3	-	5.7	-	1.0
395	Pens, pencils, office and art supplies	-	5.2	-	4.2	-	4.7	-	3.5	-	.2
396	Costume jewelry and notions	-	6.5	-	5.4	-	6.1	-	4.4	-	.9
393,9	Other manufacturing industries	-	7.0	-	5.8	-	6.3	-	4.0	-	1.1
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	9.0	10.1	6.5	8.0	9.2	8.2	5.5	5.2	2.6	2.1
201	Meat products	-	8.7	-	6.1	-	9.2	-	6.1	-	2.2
2011	Meat packing plants	-	6.4	-	2.6	-	6.5	-	2.5	-	3.2
2015	Poultry dressing plants	-	15.0	-	13.4	-	15.4	-	13.6	-	.5
204	Grain mill products	-	4.6	-	3.8	-	4.9	-	3.4	-	.8
2041	Flour and other grain mill products	-	3.9	-	2.8	-	4.6	-	3.3	-	.7
2042	Prepared feeds for animals and fowls	-	5.0	-	4.6	-	5.9	-	4.1	-	.9
205	Bakery products	-	5.2	-	4.4	-	5.5	-	3.7	-	1.0
2051	Bread, cake, and related products	-	4.7	-	4.0	-	5.2	-	3.4	-	1.1
2052	Cookies and crackers	-	7.8	-	6.6	-	6.8	-	4.9	-	.6
207	Confectionery and related products	-	12.8	-	7.8	-	7.6	-	5.1	-	1.5
2071	Confectionery products	-	15.1	-	8.7	-	8.5	-	5.5	-	2.0
208	Beverages	-	5.6	-	4.7	-	6.8	-	4.6	-	1.5
2082	Malt liquors	-	3.7	-	1.8	-	4.3	-	1.2	-	2.5
21	TOBACCO MANUFACTURES	8.1	10.3	5.8	7.7	4.7	7.1	3.3	3.8	.7	2.3
211	Cigarettes	-	1.5	-	1.3	-	2.6	-	1.9	-	(1)
212	Cigars	-	8.9	-	6.1	-	6.1	-	5.0	-	.4

See footnotes at end of table.

D-2: Labor turnover rates, by industry--Continued

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972	Sept. 1972 ^P	Aug. 1972		
	<i>Nondurable Goods--Continued</i>										
22	TEXTILE MILL PRODUCTS	7.1	7.6	6.0	6.2	7.2	7.9	5.7	6.3	0.4	0.4
221	Weaving mills, cotton.....	-	7.3	-	5.9	-	7.6	-	6.1	-	.2
222	Weaving mills, synthetics.....	-	8.1	-	6.7	-	8.2	-	6.6	-	.3
223	Weaving and finishing mills, wool.....	-	6.4	-	5.2	-	7.1	-	4.6	-	1.3
224	Narrow fabric mills.....	-	7.3	-	5.1	-	7.2	-	5.6	-	.7
225	Knitting mills.....	-	6.9	-	5.6	-	7.6	-	6.1	-	.6
2251	Women's hosiery, except socks.....	-	5.6	-	4.8	-	5.8	-	4.9	-	.1
2252	Hosiery, n e c.....	-	6.2	-	5.6	-	8.3	-	7.1	-	.2
2254	Knit underwear mills.....	-	6.1	-	4.3	-	7.1	-	6.2	-	.5
226	Textile finishing, except wool.....	-	6.5	-	5.3	-	7.0	-	5.2	-	.3
227	Floor covering mills.....	-	9.6	-	8.5	-	8.2	-	6.6	-	.3
228	Yarn and thread mills.....	-	9.6	-	8.1	-	9.9	-	8.4	-	.2
229	Miscellaneous textile goods.....	-	6.5	-	5.4	-	6.5	-	4.6	-	.6
23	APPAREL AND OTHER TEXTILE PRODUCTS	6.9	8.4	5.2	5.8	6.9	7.4	4.8	5.3	1.2	1.1
231	Men's and boys' suits and coats.....	-	5.2	-	2.8	-	4.0	-	2.7	-	.7
232	Men's and boys' furnishings.....	-	8.3	-	6.7	-	8.7	-	7.0	-	.6
2321	Men's and boys' shirts and nightwear.....	-	7.8	-	6.2	-	7.9	-	6.6	-	.4
2327	Men's and boys' separate trousers.....	-	6.9	-	5.8	-	8.5	-	6.9	-	.7
2328	Men's and boys' work clothing.....	-	9.2	-	7.9	-	9.7	-	8.1	-	.4
234	Women's and children's undergarments.....	-	8.5	-	6.1	-	7.6	-	6.2	-	.6
2341	Women's and children's underwear.....	-	9.2	-	6.7	-	8.2	-	6.9	-	.5
2342	Corsets and allied garments.....	-	6.7	-	4.6	-	5.9	-	4.6	-	.7
26	PAPER AND ALLIED PRODUCTS	3.6	3.7	3.2	3.1	4.7	4.4	3.1	3.0	.7	.5
261,2,6	Paper and pulp mills.....	-	2.3	-	1.6	-	3.0	-	2.1	-	.3
263	Paperboard mills.....	-	2.3	-	1.9	-	3.5	-	2.4	-	.4
264	Misc. converted paper products.....	-	4.2	-	3.7	-	5.0	-	3.1	-	.9
2643	Bags, except textile bags.....	-	5.8	-	5.1	-	6.0	-	3.9	-	.9
265	Paperboard containers and boxes.....	-	5.1	-	4.4	-	5.6	-	4.1	-	.5
2651,2	Folding and setup paperboard boxes.....	-	6.4	-	5.0	-	5.7	-	4.3	-	.4
2653	Corrugated and solid fiber boxes.....	-	4.5	-	4.1	-	5.1	-	3.9	-	.2
	PRINTING AND PUBLISHING	3.9	3.6	3.4	3.0	3.9	4.0	2.7	2.7	.6	.
28	CHEMICALS AND ALLIED PRODUCTS	2.5	2.4	2.0	1.8	2.9	3.1	1.9	1.8	.4	.5
281	Industrial chemicals.....	-	1.4	-	1.1	-	2.4	-	1.3	-	.4
282	Plastics materials and synthetics.....	-	2.0	-	1.5	-	2.3	-	1.5	-	.2
2821	Plastics materials and resins.....	-	2.3	-	1.7	-	2.9	-	1.9	-	.4
2823,4	Synthetic fibers.....	-	1.9	-	1.3	-	1.9	-	1.3	-	.1
283	Drugs.....	-	1.8	-	1.5	-	3.4	-	1.5	-	.7
2834	Pharmaceutical preparations.....	-	1.9	-	1.5	-	3.7	-	1.5	-	.8
284	Soap, cleaners, and toilet goods.....	-	4.8	-	3.6	-	4.2	-	2.4	-	.8
2841	Soap and other detergents.....	-	3.5	-	2.2	-	3.0	-	1.2	-	1.1
2844	Toilet preparations.....	-	6.6	-	5.1	-	5.6	-	3.2	-	.9
285	Paints and allied products.....	-	2.8	-	2.5	-	4.4	-	2.8	-	.6
286,9	Other chemical products.....	-	2.9	-	2.2	-	3.5	-	2.1	-	.5
29	PETROLEUM AND COAL PRODUCTS	1.8	1.9	1.6	1.5	2.8	3.1	1.4	1.7	.6	.4
291	Petroleum refining.....	-	1.1	-	.7	-	2.4	-	1.0	-	.4
295,9	Other petroleum and coal products.....	-	4.8	-	4.5	-	5.8	-	4.2	-	.3
30	RUBBER AND PLASTICS PRODUCTS, N E C.	6.4	6.9	5.7	5.4	6.3	6.5	4.4	4.4	.6	.7
301	Tires and inner tubes.....	-	2.1	-	1.3	-	2.7	-	1.2	-	.5
302,3,6	Other rubber products.....	-	7.6	-	4.9	-	5.6	-	3.9	-	.5
307	Miscellaneous plastics products.....	-	8.5	-	7.3	-	8.4	-	6.0	-	.9

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1972 ^p	Aug. 1972	Sept. 1972 ^p	Aug. 1972	Sept. 1972 ^p	Aug. 1972	Sept. 1972 ^p	Aug. 1972	Sept. 1972 ^p	Aug. 1972
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	6.7	8.4	5.2	6.1	8.5	8.8	5.6	6.0	1.7	1.6
311	Leather tanning and finishing	-	5.7	-	4.2	-	8.5	-	4.9	-	2.6
314	Footwear, except rubber	-	7.5	-	5.5	-	8.7	-	6.1	-	1.5
	NONMANUFACTURING										
10	METAL MINING	3.0	3.4	2.5	2.8	4.4	5.6	2.5	3.6	.6	.9
101	Iron ores	-	2.6	-	1.5	-	2.1	-	1.0	-	.2
102	Copper ores	-	3.8	-	3.1	-	6.1	-	4.3	-	.7
11,12	COAL MINING	1.9	2.0	1.4	1.4	2.3	2.7	1.1	1.2	.6	.9
12	Bituminous coal and lignite mining	-	1.9	-	1.4	-	2.6	-	1.2	-	.8
	COMMUNICATION:										
481	Telephone communication	-	1.2	-	-	-	2.0	-	1.3	-	.4
482	Telegraph communication ²	-	2.3	-	-	-	3.3	-	2.3	-	.4

¹ Less than 0.05.

² Data relate to all employees except messengers.

^p preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1960 to date
seasonally adjusted
(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1960	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965	4.0	4.1	4.4	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966	4.9	5.0	5.4	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.5
1967	4.6	4.3	4.3	4.2	4.6	4.4	4.4	4.3	4.3	4.5	4.5	4.4
1968	4.5	4.6	4.4	4.7	4.6	4.5	4.7	4.6	4.6	4.9	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	5.0	4.8	4.4	4.8	4.7	4.4	4.5
1970	4.2	4.3	4.1	4.0	4.1	4.1	4.1	4.0	3.8	3.6	3.7	3.7
1971	3.7	3.7	3.9	3.9	3.9	3.7	3.7	4.2	3.9	3.8	4.1	3.9
1972	4.4	4.4	4.4	4.3	4.7	4.0	4.3	4.7	4.3 P			
New hires												
1960	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.3	2.3	2.1
1963	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966	3.7	3.9	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967	3.4	3.3	3.2	3.1	3.2	3.3	3.1	3.2	3.2	3.4	3.4	3.3
1968	3.4	3.4	3.3	3.5	3.5	3.3	3.5	3.4	3.6	3.6	3.6	3.7
1969	3.8	3.8	3.9	3.8	3.7	3.8	3.7	3.4	3.7	3.5	3.5	3.5
1970	3.3	3.1	3.0	2.8	2.7	2.8	2.8	2.8	2.6	2.4	2.4	2.4
1971	2.3	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.6	2.5	2.8	2.7
1972	3.0	3.0	3.1	3.2	3.5	2.9	3.2	3.4	3.3 P			
Total separations												
1960	3.5	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.5	5.0
1961	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965	3.8	3.7	3.8	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966	4.1	4.3	4.6	4.7	4.6	4.8	4.9	4.7	4.9	4.5	4.7	4.6
1967	4.7	4.8	5.1	4.6	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968	4.6	4.7	4.6	4.4	4.6	4.5	4.6	4.8	4.7	4.7	4.6	4.3
1969	4.7	4.8	4.9	4.8	5.0	5.0	4.8	5.0	4.9	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.1	5.0	4.8	4.8	4.5	4.5	4.9	4.8	4.6
1971	4.4	4.2	4.1	4.2	4.0	4.2	4.4	4.4	4.0	4.0	4.1	4.3
1972	4.2	4.2	4.3	4.0	4.2	4.6	4.4	4.3	4.1 P			
Quits												
1960	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.4	2.4	2.3	2.3	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.3	2.5	2.4	2.4	2.6	2.5	2.6	2.6	2.5
1969	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.6	2.6
1970	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.7	1.9	1.8	1.9	1.8	1.7	1.9	1.9
1972	2.0	2.1	2.2	2.1	2.3	2.3	2.2	2.4	2.1 P			
Layoffs												
1960	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.4	2.0	2.1	2.0	1.9
1963	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.2	1.1	1.1	1.2	1.3
1967	1.4	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.1	1.3	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.6	1.8	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.9	1.6	1.5	1.4	1.4
1972	1.3	1.2	1.2	1.1	1.0	1.4	1.2	1.0	1.0 P			

P=preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

D-4: Labor turnover rates in manufacturing for selected States and areas

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972
ALABAMA:										
Birmingham	4.5	3.6	3.0	2.5	4.2	2.9	2.2	1.6	0.6	0.5
Mobile ¹	6.6	7.7	2.5	3.0	10.2	6.6	2.6	1.8	6.8	4.1
ALASKA	11.9	27.7	10.0	22.4	31.0	17.1	9.2	6.1	18.8	9.9
ARIZONA	6.9	6.1	5.9	5.1	7.0	6.6	4.6	3.6	.8	1.5
Phoenix	6.9	6.1	5.8	5.2	6.8	6.6	4.5	3.7	.6	1.5
ARKANSAS	9.6	7.0	8.5	6.1	10.0	6.8	8.3	5.4	.5	.6
Fort Smith	10.3	7.8	9.6	7.2	13.9	7.1	10.7	6.2	1.9	.2
Little Rock-North Little Rock	11.0	7.3	10.2	6.7	10.9	7.9	8.4	5.6	.5	.8
Pine Bluff	8.1	6.7	7.0	5.4	8.6	5.1	7.5	4.2	.1	.1
COLORADO	6.6	5.2	5.8	4.6	6.3	4.6	4.4	2.7	.7	.8
Denver	6.7	5.5	5.9	4.8	6.5	4.9	4.5	2.9	.7	.8
CONNECTICUT	3.6	2.9	2.9	2.2	3.5	2.7	2.3	1.3	.4	.6
Hartford	2.6	2.5	2.0	1.8	2.7	1.9	1.6	1.1	.4	.2
DELAWARE ¹	9.9	9.2	2.6	1.7	3.2	8.6	1.9	1.1	.4	6.7
Wilmington ¹	9.9	9.5	2.5	1.8	3.2	8.8	1.8	1.1	.6	6.9
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	3.9	(*)	3.9	(*)	3.0	(*)	2.3	(*)	.2
FLORIDA	(*)	7.4	(*)	6.4	(*)	7.9	(*)	4.8	(*)	1.9
Fort Lauderdale-Hollywood	(*)	7.9	(*)	7.3	(*)	5.9	(*)	4.5	(*)	.3
Jacksonville	(*)	5.4	(*)	4.9	(*)	4.5	(*)	3.1	(*)	.3
Miami	(*)	6.4	(*)	5.2	(*)	8.6	(*)	3.9	(*)	3.2
Orlando	(*)	8.3	(*)	7.4	(*)	9.8	(*)	6.2	(*)	2.2
Pensacola	(*)	2.5	(*)	2.4	(*)	2.8	(*)	1.9	(*)	.7
Tampa-St. Petersburg	(*)	10.2	(*)	8.4	(*)	9.1	(*)	6.7	(*)	1.3
West Palm Beach	(*)	3.3	(*)	2.7	(*)	3.3	(*)	2.4	(*)	.3
GEORGIA	7.9	6.2	6.5	5.4	7.7	5.6	5.8	4.2	.7	.3
Atlanta ²	4.7	5.3	3.7	4.9	5.6	5.0	4.1	3.4	.7	.5
HAWAII ³	2.2	2.4	1.9	1.4	3.2	2.4	2.0	1.3	.3	.7
IDAHO ⁴	7.8	7.3	7.6	7.0	10.5	5.9	7.5	4.0	1.6	.7
ILLINOIS:										
Chicago	(*)	3.5	(*)	2.9	(*)	3.3	(*)	1.7	(*)	.6
INDIANA ¹	5.2	3.7	3.6	2.3	4.7	3.4	3.2	1.4	.5	1.1
Indianapolis ³	4.8	4.0	3.1	1.6	4.1	2.1	2.4	1.1	.5	.2
IOWA	5.2	4.2	4.2	3.3	4.6	3.1	3.3	1.5	.6	1.0
Cedar Rapids	4.8	4.2	3.2	3.0	3.8	2.4	1.9	.8	1.4	1.1
Des Moines	3.7	2.7	3.1	2.1	3.7	2.9	2.9	1.7	.1	.6
KANSAS	5.1	4.3	4.2	3.4	5.6	6.6	4.1	2.3	.6	3.5
Topeka	2.3	2.3	1.7	1.3	5.4	3.1	2.9	1.0	1.7	1.6
Wichita	4.1	4.6	3.2	3.7	3.6	3.0	2.7	1.7	.4	.4
KENTUCKY	4.3	4.1	3.2	2.9	4.7	3.6	3.3	1.9	.6	.6
Louisville	3.2	3.4	2.5	2.3	4.0	3.0	2.3	1.4	.3	.2
LOUISIANA:										
New Orleans	4.7	4.1	3.7	3.1	6.8	3.9	3.7	2.0	1.6	.7
MAINE	8.4	6.9	6.3	4.9	7.3	6.0	4.8	3.4	1.5	1.7
Portland	5.2	5.3	4.5	3.9	5.1	4.5	3.9	2.8	.6	1.1
MARYLAND	5.7	3.7	3.5	2.9	4.5	4.9	2.8	1.7	.8	2.2
Baltimore	5.6	3.2	3.0	2.5	3.9	5.4	2.4	1.6	.7	2.7
MASSACHUSETTS	4.9	3.6	3.5	2.6	4.7	4.4	3.1	2.0	.6	1.6
Boston	4.3	3.0	2.7	2.2	3.8	4.1	2.4	1.6	.5	1.7
MICHIGAN	4.7	4.7	3.4	3.0	4.3	6.0	2.1	1.2	1.0	3.8
Detroit	5.0	4.5	3.7	2.9	4.1	7.4	2.2	1.2	.7	5.1

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

D-4: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	Aug. 1972 ^P	July 1972	
MINNESOTA	6.5	4.2	4.8	3.2	5.6	3.1	3.3	1.7	1.2	0.8
Minneapolis-St. Paul	4.4	3.5	3.0	2.6	4.4	2.7	2.4	1.4	1.2	.8
MISSISSIPPI:										
Jackson	7.2	4.6	6.5	4.3	6.6	4.5	5.5	3.1	.1	.4
MISSOURI	6.8	4.0	3.7	3.2	5.3	6.3	3.5	2.1	1.0	3.5
Kansas City	10.1	4.3	4.2	3.6	5.9	9.2	3.5	2.1	1.3	6.4
St. Louis	4.7	2.4	2.2	1.7	3.9	4.6	2.1	1.0	.9	2.9
MONTANA	4.3	5.1	4.0	4.5	5.7	5.6	2.7	2.0	2.0	.9
NEBRASKA	5.7	4.5	4.9	3.6	6.6	4.3	4.7	2.5	.8	.7
NEVADA	4.8	6.6	4.4	5.7	6.2	4.8	4.2	2.6	.8	1.0
NEW HAMPSHIRE	6.4	5.0	5.9	4.5	7.1	4.5	5.6	3.1	.6	.6
NEW JERSEY:										
Camden ⁶	5.4	4.0	4.1	3.0	5.0	3.9	2.9	1.5	1.1	1.6
Jersey City	4.9	5.2	2.8	2.5	4.1	4.6	1.9	1.4	1.4	2.6
Newark	6.5	3.8	3.3	2.3	4.6	4.4	2.6	1.3	1.0	2.2
Paterson-Clifton-Passaic	5.9	4.3	4.2	3.1	5.2	5.7	3.2	1.6	.8	2.9
Perth Amboy	4.6	3.6	2.7	2.4	5.3	4.4	2.6	1.3	.8	2.1
Trenton	5.3	4.6	2.8	2.3	4.3	4.4	2.4	1.5	.9	2.1
NEW YORK	(*)	4.3	(*)	2.8	(*)	6.8	(*)	1.5	(*)	4.4
Albany-Schenectady-Troy	(*)	2.7	(*)	1.6	(*)	5.4	(*)	1.0	(*)	3.6
Binghamton	(*)	2.0	(*)	1.4	(*)	2.3	(*)	1.1	(*)	.8
Buffalo	(*)	3.2	(*)	1.7	(*)	11.1	(*)	.8	(*)	9.6
Elmira	(*)	3.5	(*)	2.9	(*)	6.0	(*)	1.5	(*)	3.7
Monroe County ⁷	(*)	3.2	(*)	2.7	(*)	2.9	(*)	1.0	(*)	1.3
Nassau and Suffolk Counties ⁸	(*)	4.9	(*)	4.0	(*)	6.3	(*)	2.4	(*)	3.0
New York SMSA	(*)	5.0	(*)	3.2	(*)	7.9	(*)	1.8	(*)	5.1
New York City ⁸	(*)	5.2	(*)	3.2	(*)	8.3	(*)	1.8	(*)	5.6
Rochester	(*)	4.0	(*)	3.3	(*)	3.2	(*)	1.2	(*)	1.4
Syracuse	(*)	3.7	(*)	3.0	(*)	3.7	(*)	1.3	(*)	1.6
Utica-Rome	(*)	3.0	(*)	2.0	(*)	4.5	(*)	1.2	(*)	2.7
Westchester County ⁸	(*)	3.4	(*)	1.9	(*)	7.8	(*)	1.3	(*)	5.6
NORTH CAROLINA	7.5	5.4	6.4	4.6	8.1	5.5	6.7	4.2	.2	.3
Charlotte	7.2	5.7	6.6	4.8	8.0	4.8	6.9	4.0	.1	(?)
Greensboro-Winston-Salem-High Point	6.2	5.4	5.4	4.2	7.4	4.9	6.1	3.4	.2	.4
NORTH DAKOTA	4.6	4.4	4.0	3.2	5.3	3.6	3.1	1.9	1.4	1.1
Fargo-Moorhead	3.0	2.7	2.7	1.7	3.6	2.3	2.1	1.3	.7	.3
OHIO	4.6	3.0	2.9	1.8	3.2	3.0	1.8	1.1	.5	1.1
Akron	2.1	1.8	1.0	.9	1.9	1.9	1.0	.8	.4	.3
Canton	3.1	3.9	1.3	1.2	2.7	3.9	1.3	.9	.4	2.2
Cincinnati	3.0	2.8	2.3	2.0	3.1	2.5	1.8	1.4	.5	.4
Cleveland	4.8	3.0	2.4	2.0	3.1	3.8	1.8	1.2	.4	1.9
Columbus	3.6	4.1	3.0	2.5	3.2	2.2	1.9	1.3	.2	.2
Dayton	4.3	2.6	2.3	1.7	2.6	3.6	1.4	1.0	.3	1.9
Toledo	4.1	3.0	2.8	1.9	3.4	3.1	1.7	1.1	.6	.8
Youngstown-Warren	7.6	3.0	2.0	1.6	2.3	1.9	.9	.7	.5	.3
OKLAHOMA	7.9	5.8	6.6	4.9	7.5	5.3	5.7	3.7	.7	.6
Oklahoma City	9.3	7.1	7.8	5.9	9.0	6.5	6.7	4.6	1.0	.9
Tulsa ¹⁰	6.2	5.4	5.6	4.4	6.3	4.6	4.3	2.4	.6	1.0
OREGON ¹	5.9	4.9	5.0	4.3	5.7	4.3	3.8	2.6	.9	.8
Portland ¹	6.4	4.5	4.9	3.8	5.1	3.9	3.3	2.2	.9	.8
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	6.7	4.7	2.8	2.0	3.5	8.8	2.6	1.3	.4	6.7
Altoona	3.6	4.0	2.9	2.5	5.1	3.5	3.2	2.2	1.2	.8
Erie	4.6	3.4	3.5	2.6	4.0	2.7	2.3	1.4	.4	.3
Harrisburg	4.3	3.7	3.3	2.7	4.1	3.6	2.8	1.7	.5	1.0
Johnstown	2.9	2.8	.9	1.2	5.5	4.2	1.2	.8	3.9	2.9
Lancaster	4.9	3.5	4.4	3.0	5.0	2.9	4.1	2.3	.1	.1

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

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D-4: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Aug. 1972 ^p	July 1972	Aug. 1972 ^p	July 1972	Aug. 1972 ^p	July 1972	Aug. 1972 ^p	July 1972	Aug. 1972 ^p	July 1972	
PENNSYLVANIA—Continued										
Philadelphia SMSA	4.2	4.1	2.9	2.3	4.2	3.5	2.4	1.3	.8	1.5
Pittsburgh	2.8	3.0	1.3	1.2	2.4	2.9	1.3	.5	.3	1.5
Reading	5.0	6.8	3.9	3.3	4.7	4.4	3.6	2.1	.5	1.6
Scranton	5.9	7.5	2.5	2.2	4.0	4.9	1.9	1.7	1.5	2.7
Wilkes-Barre—Hazleton	7.1	6.5	2.8	1.3	5.2	8.4	2.7	1.3	.7	5.5
York	5.4	5.3	4.4	3.3	6.3	4.9	4.8	3.0	.8	1.2
RHODE ISLAND										
Providence—Warwick—Pawtucket	6.5	7.8	5.1	4.0	6.3	7.7	4.1	2.7	1.0	4.2
Providence—Warwick—Pawtucket	6.6	7.6	5.3	3.9	6.3	7.7	4.3	2.7	.9	4.1
SOUTH CAROLINA:										
Greenville	8.8	7.5	7.9	6.3	9.1	7.0	7.8	5.5	.1	.6
SOUTH DAKOTA										
Sioux Falls	6.7	4.9	4.9	3.7	7.0	4.7	5.2	2.6	1.0	1.7
Sioux Falls	7.0	4.8	2.4	1.8	7.0	6.4	4.3	1.4	2.1	4.6
TENNESSEE:										
Memphis	5.9	5.0	5.3	4.2	5.8	4.5	4.2	2.9	.6	.
TEXAS:										
Dallas	6.2	4.8	5.7	4.3	6.7	4.8	5.1	3.5	.6	.4
Fort Worth	7.4	6.0	6.0	5.4	8.0	11.2	5.7	4.3	1.1	6.0
Houston	4.6	4.3	4.2	3.8	5.9	3.8	3.8	2.5	.7	.3
San Antonio	7.8	4.7	7.2	4.5	7.4	4.2	5.5	3.0	.5	.3
UTAH ⁴										
Salt Lake City ⁴	5.3	5.2	4.2	4.5	5.5	4.5	3.5	2.7	1.0	.8
Salt Lake City ⁴	5.2	4.2	4.7	3.8	4.8	3.4	3.7	2.3	.3	.3
VERMONT										
Burlington	4.1	3.5	3.3	2.7	4.5	3.6	3.1	1.7	.5	1.2
Burlington	2.3	2.3	1.3	.9	2.7	2.0	1.4	.7	.7	.5
Springfield	3.7	3.9	2.5	2.0	3.5	1.6	2.4	1.0	.3	.3
VIRGINIA										
Richmond	5.4	4.6	4.4	3.6	5.4	4.1	4.2	2.7	.3	.7
Richmond	5.1	3.9	3.7	3.1	3.5	2.9	2.4	1.5	(⁹)	.8
WASHINGTON:										
Seattle—Everett ¹¹	(*)	3.9	(*)	2.4	(*)	3.0	(*)	1.3	(*)	1.
WEST VIRGINIA:										
Charleston .....	.9	1.0	.6	.4	2.5	1.2	.9	.4	1.0	.3
WISCONSIN										
Milwaukee	7.1	4.6	5.0	3.2	5.7	4.4	4.1	1.4	.7	2.2
Milwaukee	4.3	3.0	3.4	2.1	5.0	3.0	3.2	1.3	.6	.7
WYOMING										
.....	7.0	7.7	6.1	6.6	9.9	5.0	6.5	3.3	2.2	.6

¹ Excludes canning and preserving.
² Excludes agricultural chemicals and miscellaneous manufacturing.
³ Excludes canned fruits, vegetables, preserves, jams and jellies.
⁴ Excludes canning and preserving, and sugar.
⁵ Excludes canning and preserving, and newspapers.
⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
⁷ Subarea of Rochester Standard Metropolitan Statistical Area.
⁸ Subarea of New York Standard Metropolitan Statistical Area.
⁹ Less than 0.05.
¹⁰ Excludes new-hire rate for transportation equipment.
¹¹ Excludes canning and preserving, printing and publishing.
 * Not available.
 p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

E-1: Number and rate of job vacancies in manufacturing, April 1969 to date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Number of job vacancies (In thousands)													
1969	-	-	-	293	289	241	258	313	289	243	210	186	264
1970	187	170	166	158	151	123	126	137	118	92	75	76	132
1971	81	80	83	93	94	89	90	106	98	90	79	78	88
1972	90	97	110	124	127	124	134	159	157p				
Job vacancy rates ¹													
1969	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970	0.9	0.9	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971 .....	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.4	.4	.5
1972 .....	.5	.5	.6	.7	.7	.6	.7	.8	.8p				
Number of long-term job vacancies ² (In thousands)													
1969	-	-	-	137	131	110	110	121	127	111	102	90	120
1970	77	70	67	60	56	45	44	43	38	33	30	29	49
1971	28	27	27	28	27	25	26	28	28	28	25	26	27
1972	25	27	30	33	33	32	34	39	45p				
Long-term job vacancy rates ²													
1969	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.6
1970	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3
1971 .....	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1
1972 .....	.1	.1	.2	.2	.2	.2	.2	.2	.2p				

¹ Computed by dividing the number of vacancies by the sum of employment plus vacancies and multiplying that quotient by 100.

² Long-term job vacancies are those vacancies that have remained unfilled for 30 days or more. The long-term job vacancy rate is computed by dividing the number of long-term vacancies by the sum of employment plus all job vacancies and multiplying that quotient by 100.

p=preliminary.

E-2: Number and rate of job vacancies in manufacturing, April 1969 to date, seasonally adjusted

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)												
1969	-	-	-	277	269	248	250	255	255	247	245	222
1970	204	185	168	149	140	126	122	112	104	94	88	91
1971	89	87	84	88	87	91	87	86	92	92	92	93
1972	98	106	111	117	118	127	130	130	138p			
Job vacancy rates ¹												
1969	-	-	-	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1
1970	1.0	1.0	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5
1971 .....	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1972 .....	.5	.6	.6	.6	.6	.7	.7	.7	.7p			
Number of long-term job vacancies ² (In thousands)												
1969	-	-	-	134	128	118	112	112	117	108	104	92
1970	83	73	68	59	54	48	45	40	35	32	30	30
1971	30	28	27	27	26	27	26	26	26	27	25	26
1972	27	29	30	32	33	34	35	36	42p			
Long-term job vacancy rates ²												
1969	-	-	-	.7	.6	.6	.6	.5	.6	.5	.5	.5
1970 .....	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1
1972 .....	.1	.2	.2	.2	.2	.2	.2	.2	.2p			

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

p=preliminary.

**ESTABLISHMENT DATA
JOB VACANCY**

E-3: Job vacancy rates in manufacturing, by industry

Industry division and group	1972										1971			
	Sept. P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	
	Job vacancy rates ¹													
Manufacturing	0.8	0.8	0.7	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.5	0.5	
Durable goods . . . . .	.8	.8	.7	.6	.6	.6	.5	.5	.5	.4	.4	.4	.5
Nondurable goods . . . . .	.8	.9	.7	.7	.7	.7	.6	.6	.5	.5	.5	.5	.6
Selected durable goods industries:														
Primary metal industries . . . . .	.4	.4	.3	.3	.3	.3	.2	.2	.2	.1	.2	.2	.2
Machinery, except electrical . . . . .	.9	.8	.8	.7	.7	.7	.6	.5	.5	.4	.4	.4	.5
Electrical equipment and supplies	1.0	.9	1.0	.8	.8	.8	.7	.7	.6	.5	.5	.6	.5	
Transportation equipment . . . . .	.8	.7	.6	.6	.6	.7	.5	.5	.4	.3	.4	.5	.5
Instruments and related products	1.5	1.6	1.3	1.4	1.1	1.1	.9	.7	.7	.6	.6	.7	.8	
Selected nondurable goods industries:														
Textile mill products	1.5	1.6	1.2	1.1	1.2	1.2	1.1	.9	.8	.8	.8	.9	.9	
Apparel and other textile products	1.5	1.6	1.5	1.4	1.4	1.3	1.4	1.3	1.2	1.1	1.0	1.2	1.3	
Printing and publishing . . . . .	.4	.5	.4	.3	.4	.4	.4	.3	.3	.3	.3	.4	.3
Chemicals and allied products . . . . .	.6	.6	.5	.5	.5	.6	.5	.4	.4	.3	.3	.4	.4
	Long-term job vacancy rates ²													
Manufacturing	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
Durable goods . . . . .	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1
Nondurable goods . . . . .	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Selected durable goods industries:														
Primary metal industries . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	(*)	(*)	(*)	(*)	(*)
Machinery, except electrical . . . . .	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1
Electrical equipment and supplies . . . . .	.3	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1
Transportation equipment . . . . .	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.1
Instruments and related products . . . . .	.4	.4	.4	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1
Selected nondurable goods industries:														
Textile mill products . . . . .	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
Apparel and other textile products . . . . .	.6	.6	.5	.6	.6	.6	.6	.6	.5	.5	.5	.6	.6
Printing and publishing . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products . . . . .	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1
	Long-term job vacancies as a percent of job vacancies ³													
Manufacturing	29	25	25	26	26	26	27	28	28	33	31	31	28	
Durable goods	27	24	24	23	24	23	24	24	23	30	27	28	25	
Nondurable goods	30	26	27	30	29	30	31	33	33	37	35	34	32	
Selected durable goods industries:														
Primary metal industries	25	17	23	23	24	22	27	27	23	29	28	29	25	
Machinery, except electrical	28	28	25	25	28	24	25	23	23	29	30	30	26	
Electrical equipment and supplies	27	22	21	19	20	21	23	23	21	30	26	24	23	
Transportation equipment	26	26	28	27	23	25	24	27	26	29	23	34	25	
Instruments and related products	31	27	32	24	30	22	19	25	19	24	15	16	21	
Selected nondurable goods industries:														
Textile mill products	26	22	20	23	25	23	20	23	20	28	25	22	20	
Apparel and other textile products	40	41	37	41	41	44	44	46	46	50	52	51	48	
Printing and publishing	24	18	20	21	20	20	21	22	24	23	24	23	22	
Chemicals and allied products	38	32	35	36	35	34	29	30	27	30	28	31	26	

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Percentages are computed using unrounded rates.

* Less than 0.05

p=preliminary.

E-4: Percent distribution of job vacancies in manufacturing, by industry

Industry division and group	1972										1971			
	Sept. P	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	
Manufacturing	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	
Durable goods	56.4	54.3	55.8	55.5	54.3	56.0	53.3	54.6	54.1	51.7	50.3	50.7	52.4	
Primary metal industries	3.1	3.3	2.6	2.8	2.7	2.9	2.7	2.7	2.5	2.2	2.3	2.3	2.5	
Machinery, except electrical	10.3	9.8	11.0	10.5	9.5	10.0	9.3	9.7	10.3	9.8	8.2	8.5	8.7	
Electrical equipment and supplies	11.7	11.0	13.1	11.9	11.2	12.1	11.5	12.6	11.8	12.6	10.8	11.0	9.9	
Transportation equipment	9.1	7.5	7.4	8.5	8.3	9.5	8.6	9.2	8.6	7.2	9.6	8.9	8.6	
Instruments and related products	4.3	4.6	4.2	5.1	3.9	4.1	3.8	3.3	3.5	3.2	3.3	3.4	3.5	
Other durable goods industries	18.0	18.1	17.3	16.7	18.6	17.4	17.4	17.1	17.5	16.8	16.1	16.5	19.2	
Nondurable goods	43.6	45.7	44.2	44.5	45.7	44.0	46.7	45.4	45.9	48.3	49.7	49.3	47.6	
Textile mill products	9.8	9.9	9.1	8.8	9.3	9.7	10.0	9.6	8.9	10.1	10.3	10.1	9.1	
Apparel and other textile products	13.1	13.6	14.4	15.0	15.4	14.7	17.0	17.5	17.7	18.7	18.0	17.8	17.4	
Printing and publishing	2.9	3.1	3.6	3.1	3.5	3.6	3.5	3.3	4.1	4.5	4.2	4.3	3.7	
Chemicals and allied products	3.7	3.9	3.9	4.4	3.9	4.5	4.7	4.1	4.1	3.9	4.1	4.3	3.9	
Other nondurable goods industries	14.1	15.3	13.3	13.3	13.8	11.6	11.5	11.1	11.3	11.2	13.0	12.7	13.4	

p=preliminary.

**ESTABLISHMENT DATA
NATIONAL AND AREA JOB VACANCY**
E-5: Job vacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total ¹		Long-term ²			Total ¹		Long-term ²	
	Aug. 1972 ^p	July 1972	Aug. 1972 ^p	July 1972		Aug. 1972 ^p	July 1972	Aug. 1972 ^p	July 1972
Manufacturing					Nonmanufacturing⁴				
United States ³	0.8	0.7	0.2	0.2					
Albany-Schenectady-					Mining:				
Troy, N.Y. . . . .	.3	.4	.1	.1	New Orleans, La . . . . .	.1	.2	*	*
Atlanta, Ga. . . . .	.6	.6	.2	.1	Phoenix, Ariz	(⁵)	(⁵)	(⁵)	(⁵)
Baltimore, Md. . . . .	.9	.8	.3	.3	Portland, Ore.	(⁵)	(⁵)	(⁵)	(⁵)
Boston, Mass.	1.0	.9	.2	.3	Construction:				
Buffalo, N.Y. . . . .	.3	.3	.1	.1	Oklahoma City, Okla	2.3	.2	.4	.2
Cedar Rapids, Iowa . . . . .	.3	.3	.1	.1	Portland, Ore. . . . .	.3	.5	*	*
Dallas, Tex.	1.0	1.0	.3	.2	Transportation and Public				
Denver, Colo. . . . .	.8	.5	.1	.1	Utilities:				
Des Moines, Iowa . . . . .	.3	.2	*	*	Boston, Mass. . . . .	.2	.2	*	*
Detroit, Mich. . . . .	.3	.3	.1	.1	Minneapolis-St. Paul, Minn. ⁶	1.9	.1	.5	*
Fort Worth, Tex. . . . .	.6	.6	.2	.1	Oklahoma City, Okla. ⁶ . . . . .	.3	.4	.1	.1
Greensboro-Winston-Salem-					St. Louis, Mo. ⁶ . . . . .	.1	.1	.1	*
Highpoint, N.C.	1.7	1.5	.3	.2	Wholesale and Retail				
Greensville, S.C.	2.0	1.5	.2	.2	Trade:				
Houston, Tex.	1.3	1.1	.5	.5	Boston, Mass. . . . .	.6	.3	.1	.1
Jersey City, N.J. . . . .	.3	.3	*	.1	Hartford, Conn	1.7	1.1	.2	.1
Kansas City, Mo . . . . .	.6	.7	.1	.1	Minneapolis-St. Paul, Minn. . . . .	.4	.3	.1	.1
Little Rock-North Little Rock, Ark. . . . .	.5	.3	.1	.1	Phoenix, Ariz . . . . .	.7	.4	.1	.1
Memphis, Tenn . . . . .	.4	.3	.1	.1	Portland, Ore. . . . .	.7	.5	.1	*
Miami, Fla . . . . .	.8	1.2	.1	.2	Finance, Insurance and				
Milwaukee, Wis . . . . .	.8	.8	.2	.3	Real Estate:				
Minneapolis-St. Paul, Minn. . . . .	.8	.6	.1	.1	Boston, Mass.	2.2	1.6	.4	.4
Newark, N.J. . . . .	.7	.6	.2	.2	Hartford, Conn	3.4	2.9	1.4	1.3
New Orleans, La . . . . .	.4	.2	*	*	Minneapolis-St. Paul, Minn.	1.0	.8	.2	.1
New York, N.Y. . . . .	.7	.7	.3	.3	Phoenix, Ariz . . . . .	.9	.7	.1	.1
Oklahoma City, Okla . . . . .	.9	.6	.2	.1	Portland, Ore. . . . .	.7	.9	.2	.2
Paterson-Clifton-					St. Louis, Mo . . . . .	.8	.8	.2	.2
Passaic, NJ . . . . .	.7	.6	.1	.1	Salt Lake City, Utah . . . . .	.4	.5	*	.1
Perth Amboy, NJ . . . . .	.8	.7	.3	.2	Service:				
Philadelphia, Pa . . . . .	.6	.6	.1	.1	Boston, Mass. . . . .	.8	.8	.2	.4
Phoenix, Ariz	1.4	1.7	.2	.2	Phoenix, Ariz	1.5	.9	.6	.2
Portland-South					Portland, Ore. . . . .	.7	.6	.1	.2
Portland, Maine . . . . .	.8	.4	.0	.1	St. Louis, Mo	1.1	1.1	.3	.2
Portland, Ore. . . . .	.9	.7	.1	.1	Government:				
Providence-Pawtucket-					Atlanta, Ga.	2.3	1.7	1.2	.8
Warwick, R.I.	1.4	1.0	.2	.2	Boston, Mass.	1.4	.9	1.0	.6
Richmond, Va. . . . .	.7	1.1	.1	.1	Minneapolis-St. Paul, Minn.	1.4	1.2	.6	.5
St. Louis, Mo . . . . .	.3	.3	.1	.1	Phoenix, Ariz	2.0	1.4	.2	.4
Salt Lake City, Utah . . . . .	.7	.7	*	.1	Portland, Ore. ⁷ . . . . .	.8	.9	.2	.2
San Antonio, Tex . . . . .	.8	.6	.2	.2	St. Louis, Mo . . . . .	.6	.5	.2	.1
Seattle, Wash. . . . .	.7	.5	.2	.2	All Nonagricultural Industries				
Sioux Falls, S.D . . . . .	.8	.5	*	*	Boston, Mass. . . . .	.9	.7	.3	.3
Syracuse, N.Y. . . . .	.7	.7	.2	.2	Phoenix, Ariz	1.2	1.0	.2	.2
Tampa-St. Petersburg, Fla	2.4	2.0	.9	.5	Portland, Ore. . . . .	.7	.6	.1	.1
Wichita, Kans . . . . .	.7	1.0	.1	.1	Salt Lake City, Utah	1.3	.8	.2	.1

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Based on a nationwide sample which includes metropolitan areas not shown in the table as well as nonmetropolitan areas.

⁴ Additional industry data, by area, will be published when available.

⁵ Combined with services.

⁶ Excludes railroads.

⁷ Excludes education.

* Less than 0.05.

^p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Oct. 1972	Sept. 1972	Oct. 1971	Change from ¹		Oct. 1972	Sept. 1972	Oct. 1971
				Sept. 1972	Oct. 1971			
TOTAL ^{2,3}	1,365.6	*1,387.8	1,724.3	-22.2	-358.7	2.5	2.6	3.2
SEASONALLY ADJUSTED	1,810.0	*1,829.1	2,318.1	-19.1	-508.1	3.3	3.4	4.4
Alabama	15.8	15.9	22.8	.1	-7.0	2.1	2.2	3.2
Alaska	2.6	2.9	3.0	-.3	-.5	4.3	4.9	5.4
Arizona	8.9	8.0	8.8	.9	-	2.0	1.9	2.2
Arkansas	10.5	8.4	12.3	2.2	-1.7	2.5	2.0	3.1
California*	190.5	187.1	226.8	3.4	-36.3	3.7	3.6	4.4
Colorado	4.7	4.5	5.9	.1	-1.2	.9	.8	1.1
Connecticut	36.8	36.4	61.7	.4	-25.0	3.4	3.4	6.1
Delaware	2.9	2.7	2.8	.2	.1	1.6	1.5	1.7
District of Columbia	6.7	6.5	5.8	.2	.9	1.9	1.9	1.6
Florida	29.9	33.4	37.2	-3.5	-7.3	1.8	2.1	2.4
Georgia	13.2	13.8	15.7	-.7	-2.5	1.1	1.2	1.4
Hawaii	10.6	10.6	12.7	-	-2.1	3.9	3.9	4.8
Idaho	3.3	4.0	3.5	-.7	-.2	2.0	2.5	2.3
Illinois	57.5	60.4	74.1	-2.8	-16.6	1.8	1.9	2.3
Indiana	17.8	17.7	33.3	-	-15.5	1.3	1.3	2.4
Iowa	5.8	6.3	9.3	-.5	-3.5	.9	1.1	1.6
Kansas	6.7	6.9	9.7	-.2	-3.0	1.4	1.6	2.3
Kentucky	12.8	12.1	15.8	.7	-3.0	1.9	1.9	2.5
Louisiana	19.0	19.2	22.2	-.2	-3.2	2.5	2.6	3.1
Maine	8.7	8.7	12.5	-	-3.8	3.9	3.9	5.6
Maryland	21.6	*23.4	29.0	-1.8	-7.4	2.2	2.4	3.1
Massachusetts	65.6	66.8	73.9	-1.2	-8.4	3.9	3.9	4.3
Michigan	67.3	*71.9	84.5	-4.6	-17.3	2.8	3.1	3.6
Minnesota	17.9	18.9	17.8	-1.0	.1	1.8	1.9	1.8
Mississippi	4.0	4.4	6.0	-.4	-1.9	.9	1.1	1.5
Missouri	29.3	27.6	33.7	1.7	-4.4	2.4	2.4	2.9
Montana	3.7	3.5	4.0	.2	-.4	2.7	2.7	3.2
Nebraska	3.4	*3.6	3.1	-2.2	.3	1.1	1.1	1.0
Nevada	6.9	6.9	7.4	-	-.5	4.1	4.1	4.6
New Hampshire	3.0	3.7	4.2	-.7	-1.2	1.5	1.9	2.2
New Jersey	82.0	83.6	94.0	-1.7	-12.1	4.0	4.1	4.6
New Mexico	6.2	5.8	6.3	.4	-.2	3.0	3.0	3.4
New York	180.8	194.7	244.3	-13.9	-63.5	3.1	3.4	4.3
North Carolina	12.7	13.2	19.4	-.5	-6.7	.9	1.0	1.4
North Dakota	1.2	1.2	.9	-	.3	1.2	1.3	1.1
Ohio	39.6	38.0	74.9	1.6	-35.2	1.3	1.3	2.6
Oklahoma	13.0	12.0	15.1	1.0	-2.2	2.6	2.4	3.0
Oregon	17.5	17.2	19.1	.2	-1.7	3.0	3.1	3.5
Pennsylvania	103.8	106.2	124.8	-2.5	-21.0	3.0	3.2	3.7
Puerto Rico ²	60.8	*60.5	64.3	.2	-3.6	10.4	10.8	10.9
Rhode Island	10.1	11.3	12.1	-1.2	-2.1	3.5	4.1	4.4
South Carolina	10.1	10.1	13.3	-	-3.2	1.5	1.6	2.1
South Dakota	1.0	1.0	1.1	-	-.1	.9	1.0	1.1
Tennessee	17.8	16.6	22.4	1.1	-4.6	1.7	1.7	2.3
Texas	31.8	28.3	37.3	3.5	-5.5	1.2	1.1	1.4
Utah	5.6	6.0	6.4	-.4	-.8	2.2	2.5	2.7
Vermont	3.5	3.7	4.0	-.2	-.5	3.3	3.7	3.9
Virginia	5.8	7.2	8.5	-1.3	-2.6	.6	.7	.8
Washington	45.0	44.5	56.8	.5	-11.9	5.4	5.5	7.3
West Virginia	10.0	10.0	12.9	-.1	-3.0	2.6	2.7	3.6
Wisconsin	19.7	20.0	25.8	-.3	-6.2	1.7	1.7	2.3
Wyoming	.5	.5	.6	.1	-.1	.7	.6	.8

¹ Based on unrounded data; changes of less than 50 not shown.

² Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.

³ Figures do not include claimants receiving benefits under extended benefit provisions.

* Revised after publication.

F-2: Insured unemployment¹ in 150 major labor areas²

(In thousands, for week including the 12th of the month)

State and area	Oct. 1972	Oct. 1971	State and area	Oct. 1972	Oct. 1971	State and area	Oct. 1972	Oct. 1971	State and area	Oct. 1972	Oct. 1971
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	4.3	7.6	Evansville.....	1.5	2.1	Manchester.....	.6	.7	continued		
Mobile.....	2.1	2.7	Fr. Wayne.....	.5	1.1				York.....	1.7	2.2
			Gary-Hammond..	2.1	11.0						
			Indianapolis....	3.4	4.7	NEW JERSEY			PUERTO RICO		
			South Bend.....	1.4	1.8	Atlantic City....	2.5	3.3	Mayaguez.....	2.3	2.3
ARIZONA			Terre Haute.....	.8	.7	Jersey City.....	10.7	12.8	Ponce.....	3.1	3.0
Phoenix.....	5.5	5.8				Newark.....	22.5	24.3	San Juan.....	9.6	8.7
						New Brunswick..	8.2	10.8			
						Paterson.....	16.6	18.3			
						Trenton.....	2.2	2.7			
ARKANSAS			IOWA						RHODE ISLAND		
Little Rock.....	1.0	1.3	Cedar Rapids....	.6	1.0				Providence.....	11.5	13.8
			Des Moines.....	.9	1.6						
						NEW MEXICO					
CALIFORNIA			KANSAS			Albuquerque....	2.6	2.4			
Anaheim-S. Ana-			Wichita.....	1.7	3.5						
Garden Grove..	11.9	15.8									
Fresno.....	3.8	3.5	KENTUCKY						SOUTH CAROLINA		
Los Angeles....	74.5	101.1	Louisville.....	3.5	5.4				Charleston.....	1.1	2.0
Sacramento....	7.5	7.6				NEW YORK			Greenville.....	.8	1.2
San Bernardino.	10.8	12.0	LOUISIANA			Albany.....	4.1	6.0			
San Diego.....	14.3	15.1	Baton Rouge....	1.5	1.6	Binghamton....	1.0	2.3			
San Francisco..	37.1	40.7	New Orleans....	6.6	8.0	Buffalo.....	12.4	24.4			
San Jose.....	10.0	11.6	Shreveport.....	1.6	2.1	New York.....	139.4	180.2			
Stockton.....	3.4	3.4				Rochester.....	4.9	6.0			
						Syracuse.....	4.3	5.7	TENNESSEE		
						Utica.....	3.4	5.1	Chattanooga....	1.3	1.7
			MAINE						Knoxville.....	1.8	2.7
COLORADO			Portland.....	.8	1.2				Memphis.....	2.8	3.4
Denver.....	2.8	3.6				NORTH CAROLINA			Nashville.....	2.0	3.2
			MARYLAND			Asheville.....	.3	.6			
			Baltimore.....	16.1	22.7	Charlotte.....	.8	1.3			
						Durham.....	.3	.4	TEXAS		
CONNECTICUT						Greensboro-			Austin.....	.9	.7
Bridgeport.....	6.2	10.0	MASSACHUSETTS			Winston-Salem..	1.4	2.2	Beaumont.....	2.7	2.2
Hartford.....	7.6	14.0	Boston.....	32.2	33.8				Corpus Christi..	1.0	1.0
New Britain....	1.9	3.7	Brockton.....	2.2	2.6				Dallas.....	4.9	5.4
New Haven.....	5.5	7.4	Fall River.....	1.9	3.0	OHIO			El Paso.....	1.6	1.9
Stamford.....	2.4	2.8	Lawrence.....	4.2	5.6	Akron.....	2.4	4.2	Ft. Worth.....	3.0	4.7
Waterbury.....	3.3	5.7	Lowell.....	2.8	3.4	Canton.....	1.4	4.9	Houston.....	6.0	6.0
			New Bedford....	2.2	2.8	Cincinnati.....	6.2	8.3	San Antonio....	2.9	2.6
			Springfield....	6.9	8.2	Cleveland.....	9.0	16.4			
DELAWARE			Worcester.....	3.3	4.6	Columbus.....	2.5	3.2			
Wilmington.....	3.2	3.1				Dayton.....	2.8	5.0	UTAH		
						Hamilton.....	1.2	2.5	Salt Lake City..	3.3	3.8
			MICHIGAN			Lorain.....	.9	2.1			
DIST. OF COL.			Battle Creek....	1.8	1.9	Steubenville...	.6	1.8			
Washington.....	12.2	10.4	Detroit.....	35.7	48.1	Toledo.....	3.5	3.6	VIRGINIA		
			Flint.....	3.1	3.2	Youngstown....	3.0	10.8	Hampton.....	.5	.7
			Grand Rapids...	3.6	5.0				Norfolk.....	.9	1.2
FLORIDA			Kalamazoo.....	1.5	1.8	OKLAHOMA			Richmond.....	.5	.6
Jacksonville...	1.1	1.3	Lansing.....	2.5	2.2	Oklahoma City..	3.0	3.2	Roanoke.....	.2	.6
Miami.....	8.6	10.9	Muskegon.....	1.5	2.3	Tulsa.....	2.4	3.2			
Tampa.....	3.4	4.3	Saginaw.....	1.0	.9				WASHINGTON		
						OREGON			Seattle.....	24.2	33.3
			MINNESOTA			Portland.....	9.7	11.1	Spokane.....	3.4	3.9
GEORGIA			Duluth.....	1.6	1.5				Tacoma.....	5.4	6.1
Atlanta.....	4.6	5.9	Minneapolis....	9.6	10.4						
Augusta.....	1.3	1.4				PENNSYLVANIA					
Columbus.....	1.0	.8	MISSISSIPPI			Allentown.....	4.1	6.2	WEST VIRGINIA		
Macon.....	1.0	.6	Jackson.....	.4	.5	Altoona.....	1.7	1.8	Charleston.....	1.1	1.5
Savannah.....	.6	.8				Erie.....	1.7	1.7	Huntington....	2.0	3.1
			MISSOURI			Harrisburg.....	3.1	2.2	Wheeling.....	.8	1.8
HAWAII			Kansas City....	8.4	8.8	Johnstown.....	2.7	5.1			
Honolulu.....	9.0	10.5	St. Louis.....	18.6	21.5	Lancaster.....	1.1	1.7			
						Philadelphia...	46.9	46.0	WISCONSIN		
			NEBRASKA			Pittsburgh....	21.5	34.8	Kenosha.....	.5	.7
ILLINOIS			Omaha.....	2.0	2.3	Reading.....	3.2	3.2	Madison.....	2.2	1.3
Chicago.....	38.6	48.0				Scranton.....	3.0	3.7	Milwaukee.....	7.4	10.1
Davenport.....	1.1	3.4				Wilkes-Barre...	6.8	6.4	Racine.....	.9	1.2
Peoria.....	1.5	1.6									
Rockford.....	1.1	2.1									

¹ Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.
² For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

Technical Note

The statistics in this periodical are compiled from three major sources: (1) Household interviews, (2) reports from employers, and (3) administrative statistics of unemployment insurance systems.

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, color, marital status, occupations, hours of work, and duration of unemployment. 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 interviewers from a sample of about 47,000 households, representing 461 areas in 923 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 surveys are designed to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, job vacancies, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing about 30 million nonagriculture 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 of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the month while job vacancies pertain to those outstanding at the end of the month.

Data based on administrative records of unemployment insurance systems furnish a complete count of insured unemployment among the two-thirds of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-servicemen, and railroad workers. These statistics are published by the Manpower Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

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 definition 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 records, 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. Reprints of this article are available upon request from the Bureau of Labor Statistics.

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, 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.

Comparability of the household interview 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, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower 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 (agriculture, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

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*. Reprints of this article may be obtained upon request.

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 worked 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 the Census from its censuses or annual sample surveys of manufacturing establish-

ments 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 BLS statistics.

County Business Patterns. Data in County Business Patterns, published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, 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, private hospitals, parochial schools, and churches are not covered by unemployment insurance whereas these are included in BLS statistics.

Additional information concerning the preparation of the labor force, employment, hours, earnings, job vacancy, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge.

Labor Force Data

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 Manpower Statistics from the Current Population Survey" (BLS Report 313). This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. 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 and persons under 16 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 obtained from the Department of Defense.

Each month, 47,000 occupied units are designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 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 one month to the next, and one-half to be common with the same month a year ago.

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 own 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. Average duration is an arithmetic mean computed from a distribution by 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 who 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.

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, color, 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 non-institutional population, and the civilian labor force participation rate, which is the ratio of civilian labor force and civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

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 latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews 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 governmental 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 Veterans Day holiday would be reported as working 32 hours even though he 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 relate to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in 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;" 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 time 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 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 peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1-34 hours for noneconomic reasons and usually work full time.

Full- and part-time labor force. The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (because full-time work is not available), 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 man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-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 Negro and other races are terms used to describe the color or race of workers. The Negro and other races category, which had formerly been identified as "Nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1960 Census of Population, approximately 92 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhites. Tables in this volume which contain these data utilize the word "color" to so indicate.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-5 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

ESTIMATING METHODS

Under the estimation 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. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

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 and, within these, for six groups—two race categories (white, and Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these resi-

dence 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 3 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 Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter 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.** This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 Census between the color-residence distribution for the Nation and for the sample areas.

b. **Second-stage ratio estimate.** In this step, the sample proportions are weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1970) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

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. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

Rounding of estimates

The sum 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

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

Table A. Average standard error of major employment status categories

(In thousands)

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
BOTH SEXES		
Labor force	205	150
Total employment	210	155
Agriculture	95	60
Nonagricultural employment	210	155
Unemployment	90	95
MALE		
Labor force	115	95
Total employment	125	100
Agriculture	85	55
Nonagricultural employment	130	105
Unemployment	70	80
FEMALE		
Labor force	140	110
Total employment	140	110
Agriculture	35	25
Nonagricultural employment	140	110
Unemployment	60	70

Table B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
10.	4	4	6	4	6	4
50.	9	9	11	9	11	9
100	12	12	16	12	16	12
250	20	17	25	17	25	17
500	30	25	34	25	34	25
1,000.	40	35	50	35	50	35
2,500.	60	40	75	40	75	40
5,000.	85	45	90		90	
10,000	115		115		115	
20,000	150		125		125	
30,000	170					
40,000	180					

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find

Table C. Standard error of estimates of month-to-month change

(In thousands)

Standard error of monthly level	Standard error of month-to-month change
10	12
25	28
50	55
100	100
150	140
200	155
250	160
300	190

the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

Illustration: Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000.

Table D. Standard error of percentage

Base of percentages (thousands)	Estimated percentage									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50	
150	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000	.1	.1	.1	.1	.2	.2	.2	.2	.3	

Establishment Data

COLLECTION

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

Federal-State cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or job vacancy-labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of identical techniques at the national and State levels, insures maximum comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS for use in preparing the national series.

Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and three job vacancy items as of the end of the month: Current job vacancies, (i.e., vacancies available for immediate filling), current vacancies which have remained unfilled for 30 days or more, and openings with future starting dates.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. 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 most important product or activity.

All national, State, and area employment, hours, earnings, job vacancy, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

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.

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

Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

Production and related workers include working foreman and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers include the following employees in the contract construction division: Working foremen, journeymen, mechanic's apprentices, laborers, etc., whether working at the site of construction or 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, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers,

janitors, watchmen, and similar occupational levels, and other employees 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 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.

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours cover 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, reflecting 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. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. 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 amounts stipulated for a given unit of work or time. The earnings series does 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 are derived by multiplying average weekly hours by average hourly earnings. 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 causes, 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 service industries has reduced average workweeks in these industries and has 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 the portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his 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 gross 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.

Hours and earnings for total private nonagricultural industries

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as *Employment and Wages* (Manpower Administration), *County Business Patterns* (Bureau of the Census), and additional supporting information such as *The Hospital Guide*, Part II, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Railroad 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.

Spendable average weekly earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with either none or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents; such workers, in fact have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

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 man-hours and one-half of total overtime man-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. 537-540). 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 man-hours

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The man-hour aggregates are the product of average weekly hours and production-

worker or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-hour and payroll aggregates are the sum of the component aggregates.

Labor turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

Accessions are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

New hires are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

Other accessions, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

Separations are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, are defined as follows:

Quits are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

Layoffs are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

Other separations, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

Job vacancies

Job vacancies are the stock of unfilled job openings as of the close of the last business day of the reference month. Openings for all kinds of positions, classifications and employment, full time, part time, permanent, temporary, and seasonal are included. Excluded are jobs to be filled by recall from layoff, transfer, promotion, demotion or return from paid or unpaid leave; jobs unoccupied because of labor-management disputes; job openings for which "new" workers were already hired and scheduled to start work later; and openings with future starting dates, which are requested as a separate item.

Job vacancies are defined as vacant jobs which are immediately available for filling, and for which the firm is actively trying to find or recruit workers from outside the firm.

"Actively trying to find or recruit" means that the establishment is engaged in current efforts to fill the job vacancies by means of orders listed with public or private employment agencies and school placement offices; notification to labor unions and professional organizations; "help wanted" advertising (newspaper, posted notice, etc.) recruitment programs; and interview and selection of applicants.

Long-term job vacancies are those current vacancies which have continued unfilled for 30 days or more.

The reporting establishment is also asked to indicate the number of openings with future starting dates for which the firm is actively trying to recruit workers from outside the firm.

Job openings with future starting dates may exist for such reasons as: Job unavailable until expected separation of present incumbent occurs; work will not start until some future date; new branch to be opened in the future; or anticipated increase in business.

The *job vacancy rate* is computed by dividing the number of current job vacancies by the sum of employment plus vacancies, and multiplying that quotient by 100.

Occupational classifications are made in accordance with those established in the *Dictionary of Occupational Titles*, Third Edition, U.S. Department of Labor, 1965.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry 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 procedures are described later in table L, Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover. Further details are given in the technical notes—Chapter 2, Employment, hours and earnings, and Chapter 3, Job vacancies and

labor turnover, reprinted from the Handbook of Methods, BLS Bulletin 1711—which are available upon request.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or non-supervisory-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, 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 various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1971 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, cover three-fourths of the total nonagricultural employment 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 relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates 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 in the last 3 benchmark years is shown in table E.

Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1969-1971

Industry division	1969	1970	1971
Total	99.8	100.0	100.2
Mining	101.5	100.0	99.8
Contract construction . .	99.0	100.1	96.9
Manufacturing	99.8	100.1	100.4
Transportation and public utilities	100.4	99.9	100.9
Wholesale and retail trade	100.0	100.1	100.3
Finance, insurance, and real estate	100.0	100.3	100.2
Services	99.1	99.6	100.4
Government	100.1	100.3	100.0

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics.

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. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

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 percentage 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 available resources, it is necessary to accept samples in these divisions 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 establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and job vacancy-labor turnover statistics programs, with their 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 specification 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 reports are mailed by respondents, 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 F 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.

Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1971¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	155,000	28,995,000	42
Mining	2,200	307,000	50
Contract construction	15,600	701,000	23
Manufacturing	46,100	11,197,000	61
Transportation and public utilities:			
Railroad transportation (ICC)	95	562,000	93
Other transportation and public utilities	7,100	1,966,000	51
Wholesale and retail trade	38,200	2,675,000	18
Finance, insurance, and real estate	9,700	1,352,000	36
Services	22,800	2,401,000	21
Government:			
Federal (Civil Service Commission) ²	3,300	2,649,000	100
State and local	9,900	5,185,000	50

¹ Since a few establishments do not report payroll and man-hour information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

² State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS—State cooperative program.

Table G shows the approximate coverage, in terms of employment, of the job vacancy—labor turnover sample.

Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1971

Industry	Employees	
	Number reported	Percent of total
Total	10,896,500	55
Manufacturing ¹	9,965,300	54
Metal mining	63,600	68
Coal mining	57,700	38
Communication:		
Telephone	789,000	83
Telegraph	20,900	70

¹ Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 44 percent of universe employment.

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 adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision 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, generally minor, arises from improvements in the quality of the benchmark data. Table H presents the average percent revisions of the six most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

Table H. Average benchmark percent revision in employment estimates and relative errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2		
Total private . . . . .	.2	0.1	0.2
Mining . . . . .	.7	.5	.5
Construction	1.1	.2	.3
Manufacturing . . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.4	.7	.4
Trade . . . . .	.2	.1	.2
Wholesale . . . . .	.9	.2	.3
Retail . . . . .	.2	.2	.2
Finance, insurance, and real estate . . . . .	.3	.2	.4
Services . . . . .	.5	.4	.8
Government ³	-	-	-

¹ Relative errors relate to March 1971 data.

² The average percent revision in employment for the 6 most recent benchmarks (1966-71).

³ Estimates for government are based on a total count for Federal Government and samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours

and earnings estimated, 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 H and for individual industries with the specified number of employees in table I. 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 I. 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 ¹	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	1,900	0.9	1.5
100,000	2,700	.7	1.1
200,000	4,100	.5	.9
500,000	9,600	.4	.8
1,000,000	13,000	.3	.5
2,000,000	16,800	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

Approximations of the root-mean-square errors (based on the experience of the last 6 years) of differences between final estimates and benchmarks are presented in table I.

For the 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 J 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 .1 of an hour for weekly hours and 1 cent for hourly earnings.

Reliability of job vacancy estimates

As with the employment estimates, the estimates derived from the job vacancy survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

Measures of reliability for the job vacancy estimates are given by the relative errors in table K. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by a smaller percentage than the relative error. The chances are about 19 out of 20 that the difference would be a smaller percentage than twice the relative error.

Table J. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	500	500
100,000	900	900
200,000	1,600	1,500
500,000	2,800	2,600
1,000,000	5,000	4,800
2,000,000	10,600	8,100
10,000,000	34,700	30,600
Total nonagricultural employment	97,000	87,000
Mining	3,000	3,000
Contract construction	21,000	18,000
Manufacturing	23,000	23,000
Transportation and public utilities	7,000	6,000
Wholesale and retail trade	29,000	24,000
Finance, insurance, and real estate	3,000	3,000
Services	18,000	14,000
Government	28,000	25,000

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, job vacancy, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. 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 fig-

Table K. Relative errors of estimates of job vacancy data

Industry	Relative error ¹ (in percent)
Manufacturing	2
Durable goods industries	3
Nondurable goods industries	3
Selected durable goods industries:	
Primary metal industries	8
Machinery, except electrical	5
Electrical equipment & supplies	9
Transportation equipment	11
Instruments & related products	16
Selected nondurable goods industries:	
Textile mill products	4
Apparel and other textile products	4
Printing & publishing	14
Chemicals & allied products	8

¹ Expressed as a percent of the estimate.

ures 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 (from the earliest date of availability of each series) in a summary volume published annually by the BLS.

Unemployment Insurance Data

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is the number of insured unemployed expressed

as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C. 20210.

Seasonal Adjustments

SEASONAL ADJUSTMENTS

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, 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, in addition, are 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 method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method (1966)*, which may be obtained from the Bureau on request.

For each of the three major labor force components—agricultural and nonagricultural employment and unemployment—data for four age-sex groups (male and female workers under age 20 and age 20 and over) are separately adjusted for seasonal variation and are then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1971 are published in the February 1972 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

For establishment data, the seasonally adjusted series on hours, hourly earnings, number of job vacancies, and labor

turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable goods the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

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.

Seasonally adjusted job vacancy rates are computed by dividing the seasonally adjusted number of job vacancies by the sum of seasonally adjusted employment and job vacancies and multiplying the quotient by 100. Seasonally adjusted long-term job vacancy rates are computed by dividing the seasonally adjusted long-term job vacancies by the sum of seasonally adjusted employment and total job vacancies and multiplying the quotient by 100.

The revised seasonally adjusted series for the establishment data reflect experience through June 1972. Seasonal factors to be used for current adjustment are shown in the October 1972 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours, earnings, job vacancy, and labor turnover series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1971 benchmarks. Data from April 1971

forward are subject to revision at the time of the next benchmark.

Beginning with the October 1972 and subsequent issues of *Employment and Earnings*, the national data in Sections B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1972*. Comparable data will be published in *Employment and Earnings, United States, 1909-72*, BLS Bulletin 1312-9.

Table L. Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly Data		
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.	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) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or non-supervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime man-hours divided by number of production workers.	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 man-hours.	Average, weighted by aggregate man-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.
Labor turnover rates	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
Job vacancy rates	The total number of job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the total job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Long term job vacancy rates	The number of long-term job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the long-term job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Annual Average Data		
All employees and production or non-supervisory workers.	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-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.
Labor turnover rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.
Job vacancy rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.