

EMPLOYMENT AND EARNINGS

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Employment and Unemployment Developments, September 1969

Unemployment rose sharply in September, while employment was about unchanged. The overall unemployment rate rose from 3.5 percent in August to 4.0 percent in September.

Over the year, unemployment has risen by 350,000, reflecting an increase of 150,000 for adult women and 100,000 each for adult men and teenagers. Four-fifths of the increase was among new entrants and re-entrants into the labor force. Unemployment among workers who had lost their last jobs was unchanged over the year, while the number leaving their last jobs rose by about 80,000.

Nonfarm payroll employment increased in September in line with seasonal expectations and, after seasonal adjustment, was about unchanged from August. Since March, employment gains have slowed down substantially, averaging 100,000 per month in contrast to an average monthly gain of 250,000 in the September 1968-March 1969 period.

Unemployment

The actual number of unemployed persons totaled about 3 million in September. Unemployment normally declines sharply between August and September, but this September it failed to drop. After adjustment for seasonal changes, unemployment was up 365,000 over the month, with two-fifths of the increase among workers in the 20 to 24 age group, mainly men.

The overall unemployment rate, at 4.0 percent in September, was the highest since October 1967. After averaging 3.3 percent in the first quarter of 1969, the unemployment rate has risen to 3.5 percent in the second and to 3.7 percent in the third quarter.

Jobless rates moved up for most groups of workers over the month. The unemployment rate for adult men rose from 2.1 percent in August to 2.4 percent in September, while the rate for

married men edged up from 1.5 to 1.7 percent. Both rates were up from their all-time recorded lows reached this past winter.

The jobless rate for adult women was 4.2 percent in September, up from 3.8 percent, and at its highest point since October 1967. The rate for teenagers, at 13.2 percent, was not significantly changed from August. Jobless rates for both groups have edged up since the first quarter of this year.

Nearly all of the September increase in unemployment occurred among white workers, as their rate moved up from 3.2 to 3.6 percent. The jobless rate for Negro workers, at 6.8 percent, was not significantly changed from August.

The unemployment rate for all full-time workers rose from 3.1 to 3.4 percent over the month. There was no change in the rate for part-time workers.

The blue-collar rate moved up from 3.8 to 4.4 percent in September and reflected increased joblessness in all three blue-collar occupational groups—craftsmen, operatives, and nonfarm laborers. In the manufacturing industry, the unemployment rate rose from 2.9 to 3.7 percent, partially reflecting the delayed effect of July's earlier-than-usual model changeover in autos. The unemployment rate for construction workers, at 7.6 percent, was unchanged in September, after rising steadily since June.

The unemployment rate for workers covered by State unemployment insurance programs, which relates primarily to adult experienced workers, moved up from 2.1 to 2.2 percent in September and was unchanged from a year ago.

Industry Employment

Total nonfarm payroll employment was 70.8 million in September, an increase of 300,000

over the August level. After seasonal adjustment, payroll employment was unchanged over the month but would have shown a modest increase except for the effect of the early auto model changeover. Declines in manufacturing, contract construction, and retail trade were countered by increases in services and finance, insurance, and real estate.

The pace of payroll employment growth has slackened substantially in the past several months. In the third quarter of 1969, payroll employment rose by 300,000 (seasonally adjusted) from the previous quarter, compared with increases of 550,000 in the second quarter and 800,000 in the first quarter.

Over the month, manufacturing employment fell by 55,000 (seasonally adjusted) to 20.3 million, as a substantial decline in transportation equipment (105,000) wiped out small but widespread gains elsewhere in the durable goods sector. The drop in transportation equipment reflected the artificially large seasonally-adjusted employment increase in August which resulted from an earlier-than-usual automobile model changeover. Employment in transportation equipment was 40,000 higher in September than in June, before the model changeover began. The largest over-the-month gains in durable goods occurred in the primary metals (10,000) and machinery (20,000) industries.

Employment in nondurable goods manufacturing industries was unchanged over the month. A 14,000 increase (seasonally adjusted) in food and kindred products was countered by small employment losses in other nondurable industries.

A small decline in contract construction (10,000) occurred despite the return to payrolls of 50,000 workers who had been on strike in the previous month. Although employment in construction (seasonally adjusted) has declined steadily since June, it was still up by 110,000 over the year.

Seasonally-adjusted employment gains were reported in services (60,000) and in finance,

insurance, and real estate (15,000). The increase in services was the largest since the early months of this year and was a marked departure from the slow growth of the March-July period. In the finance industries, about half of the increase resulted from the recall of workers on strike.

Employment in government was unchanged in September on a seasonally adjusted basis, as a 10,000 drop in Federal government employment was offset by an equal increase in State and local government. After substantial gains earlier this year, State and local government employment has edged down in recent months and in September was 45,000 below the peak level reached in June.

Hours and Earnings

The workweek for all rank-and-file workers on private nonfarm payrolls averaged 37.8 hours in September (seasonally adjusted); this marked the seventh consecutive month at this level. Increases in weekly hours in contract construction and manufacturing offset declines in mining, trade, and finance, insurance, and real estate.

In manufacturing, the average workweek edged up 0.1 hour between August and September to 40.7 hours (seasonally adjusted). The September workweek, however, was 0.2 hour below the 1969 peak (March) and 0.3 hour below last September.

Factory overtime fell by 0.2 hour to 3.5 hours (seasonally adjusted) in September with declines in both durable and nondurable goods. With the exception of February 1969 and April 1968, when hours were affected by unusual circumstances, factory overtime was at its lowest level since December 1967.

Average hourly earnings for production and nonsupervisory workers rose by 5 cents in September to \$3.10. Hourly earnings usually rise substantially in September, as many of the young people returning to school leave jobs with low hourly rates. Over the year, hourly earnings were up 20 cents (6.9 percent).

The rise in hourly earnings boosted average weekly earnings of rank-and-file workers to \$117.80, an increase of \$1.29. Over-the-month gains were greatest in manufacturing (\$2.19) and contract construction (\$4.50). Compared to a year ago, average weekly earnings were up by \$7.31 (6.6 percent).

Labor Force and Employment

The civilian labor force declined less than it usually does at this time of year, reflecting, in part, the effects of an early survey week. After seasonal adjustment, the labor force totaled 81.4 million, up 300,000 from August; the increase was mostly among teenagers. After

showing little or no change in the spring, the labor force has increased by 925,000 since June.

Total employment, at 78.1 million (seasonally adjusted), was virtually unchanged over the month. Agricultural employment, however, fell by 175,000 on a seasonally adjusted basis. Over the year, agricultural employment was down by 200,000, while total nonagricultural employment rose by 2.1 million.

The number of persons who want full-time jobs in nonagricultural industries but are employed part time for economic reasons remained at 2.0 million (seasonally adjusted) in September, following a sharp rise in August. The September level was 375,000 above the 1969 low registered in January.

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

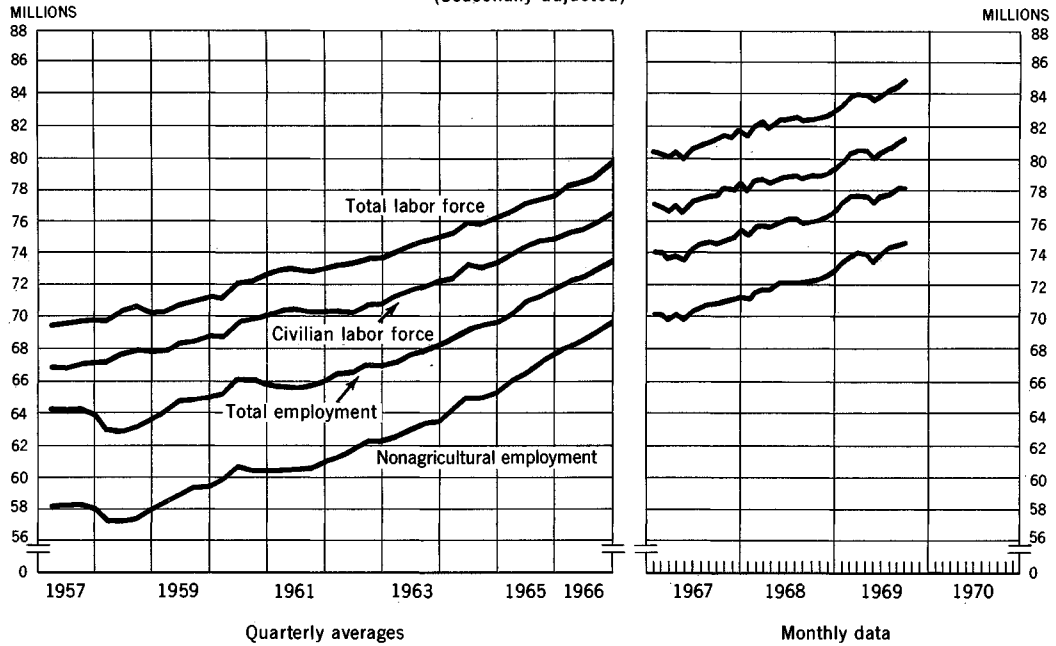
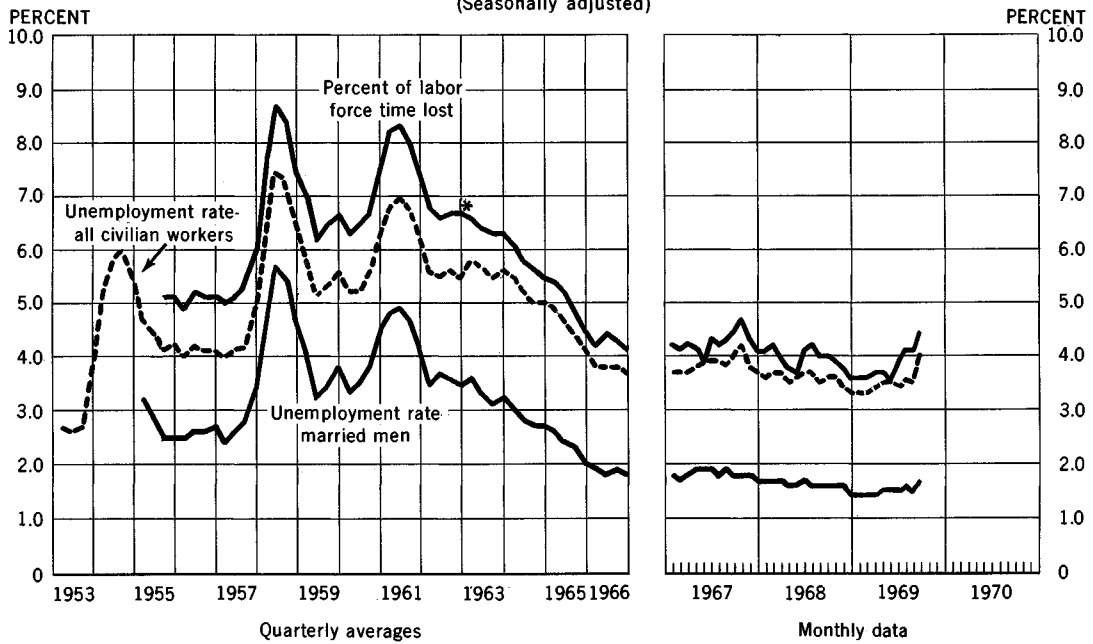


Chart 2.

MAJOR UNEMPLOYMENT INDICATORS

1953 to date
(Seasonally adjusted)

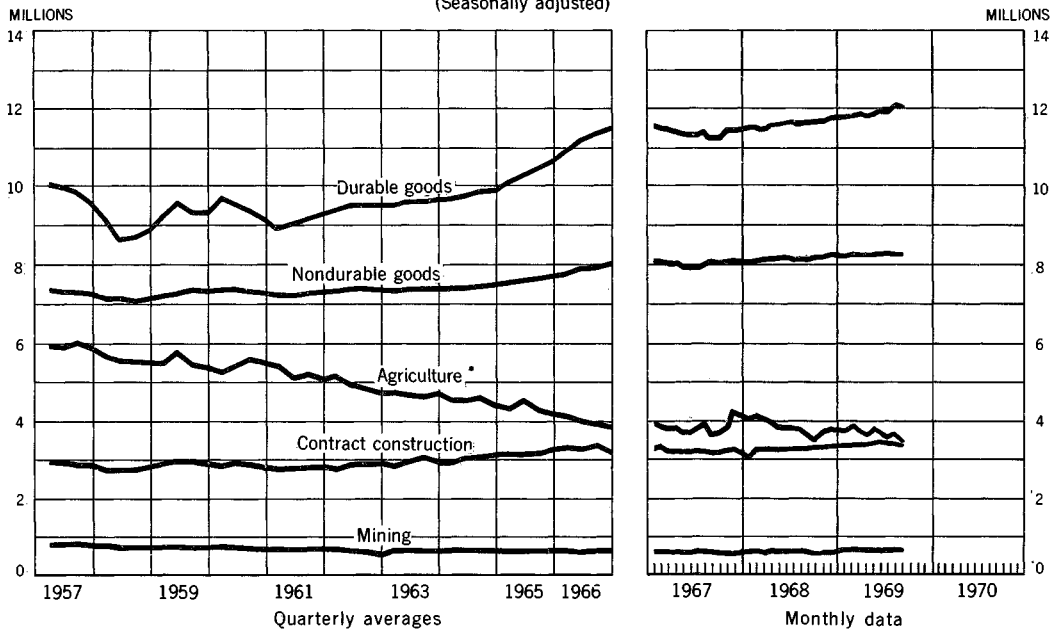


* Series revised beginning 1963 to reflect whether unemployed persons sought full-or part-time jobs.

Chart 3.

PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)

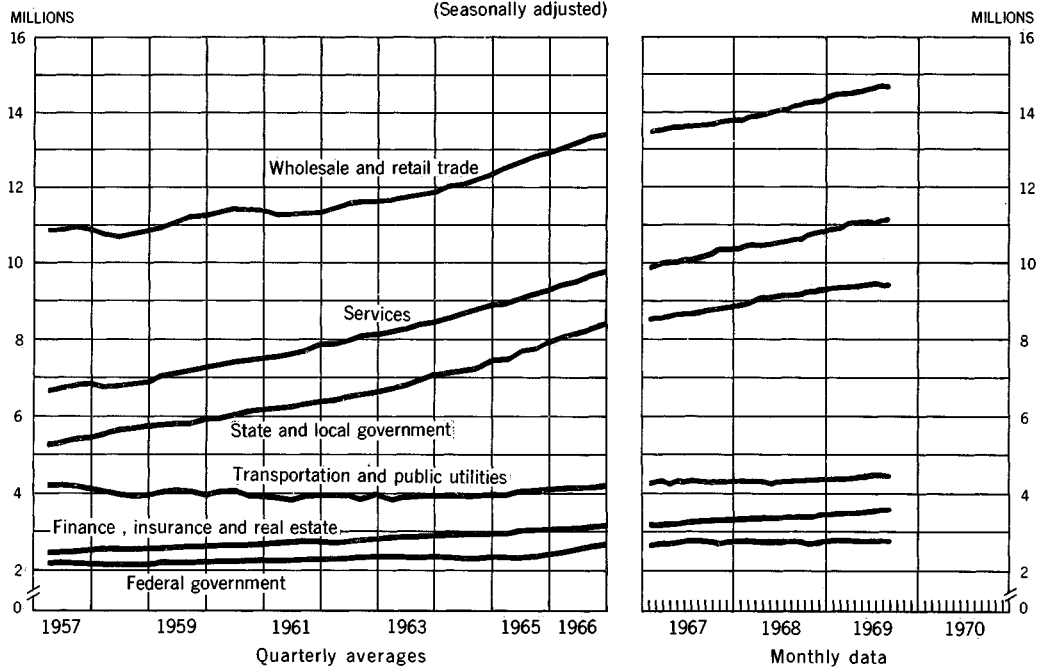


*Includes self-employed and unpaid family workers.
Note: Data for 2 most recent months are preliminary.

Chart 4.

PAYROLL EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

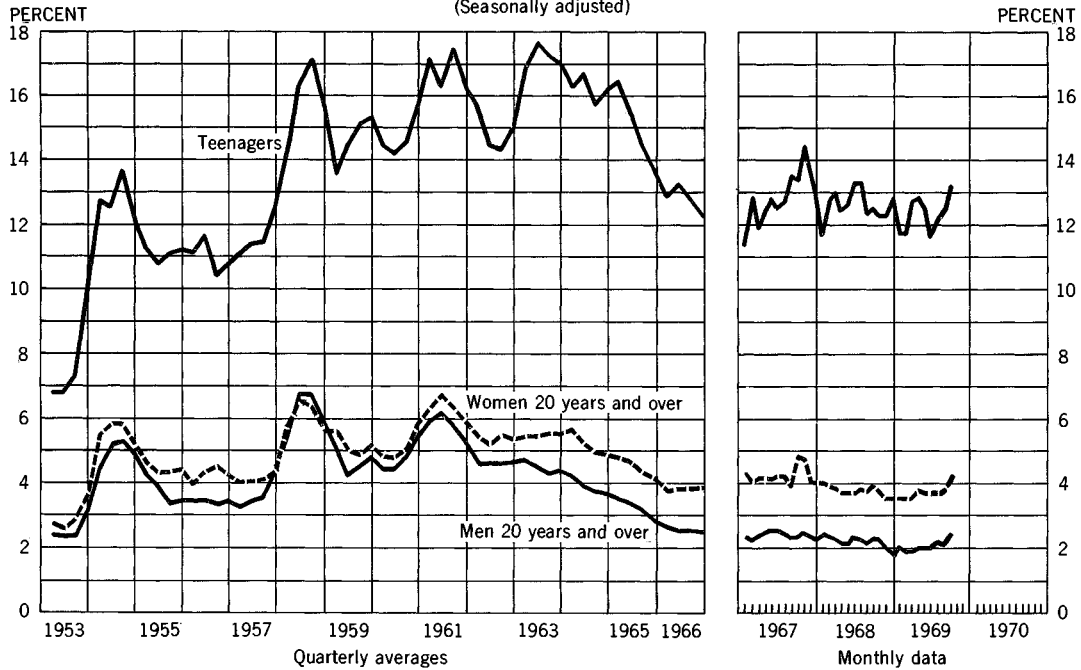


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

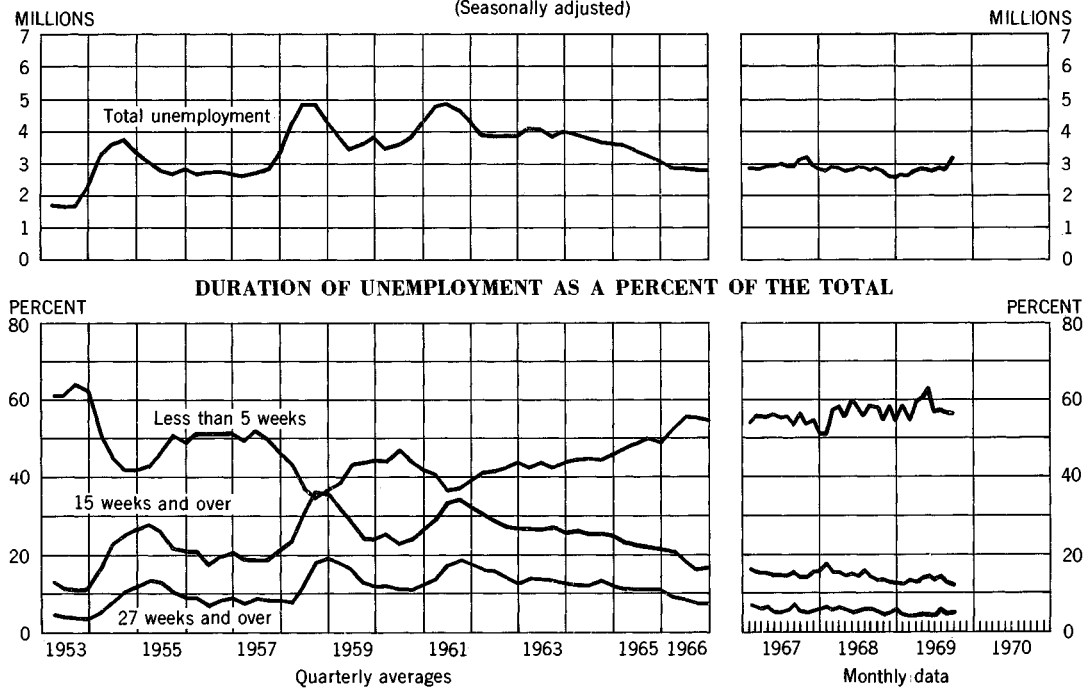
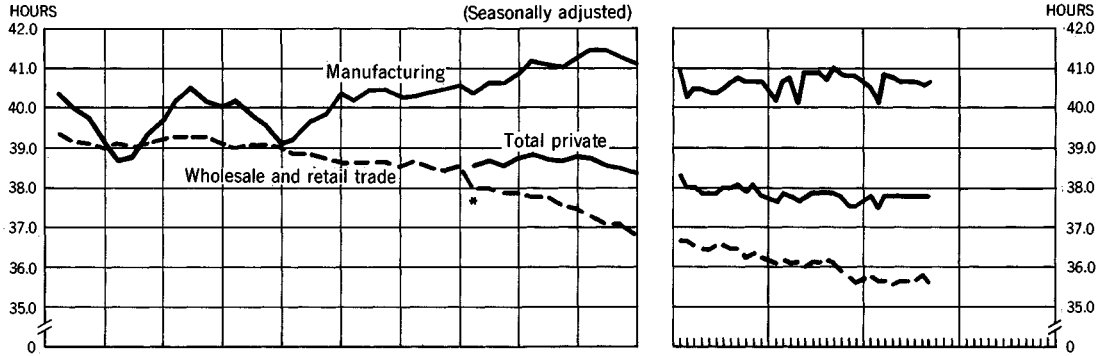


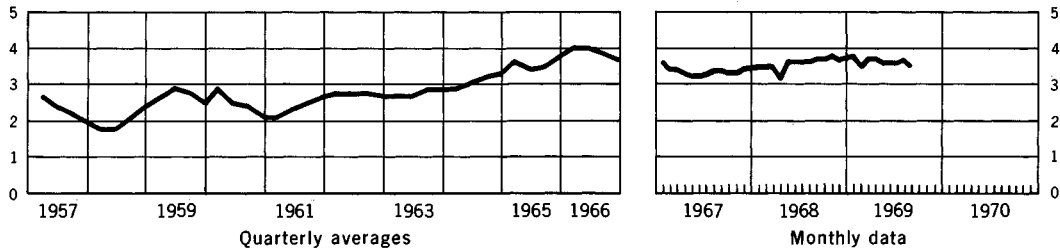
Chart 7.

HOURS OF WORK IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date
(Seasonally adjusted)



OVERTIME HOURS IN MANUFACTURING

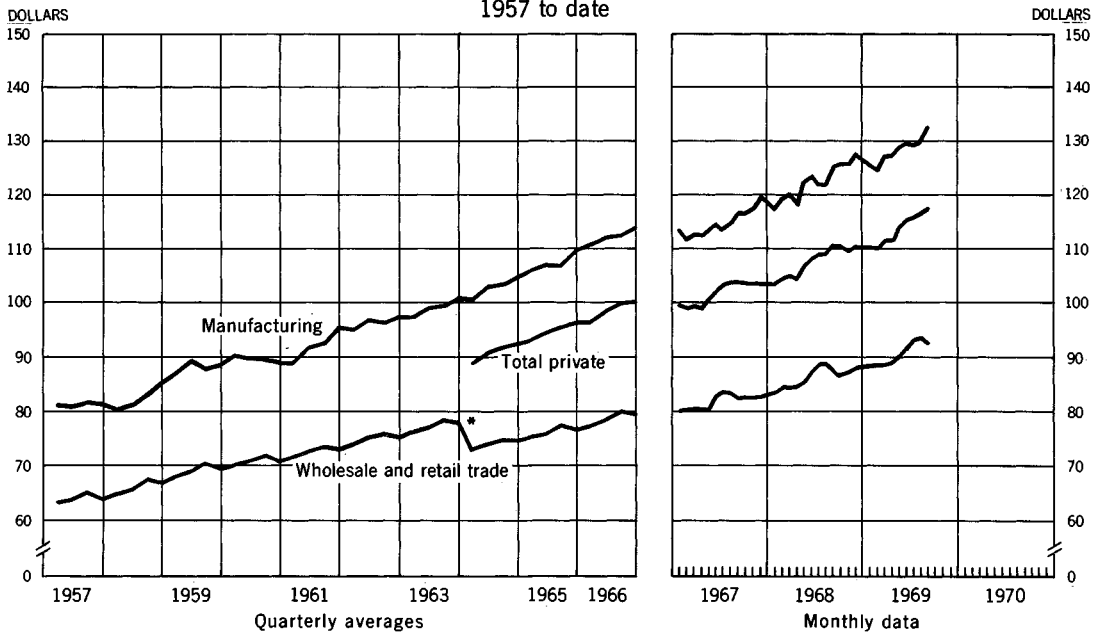


*Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 8.

AVERAGE WEEKLY EARNINGS IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date

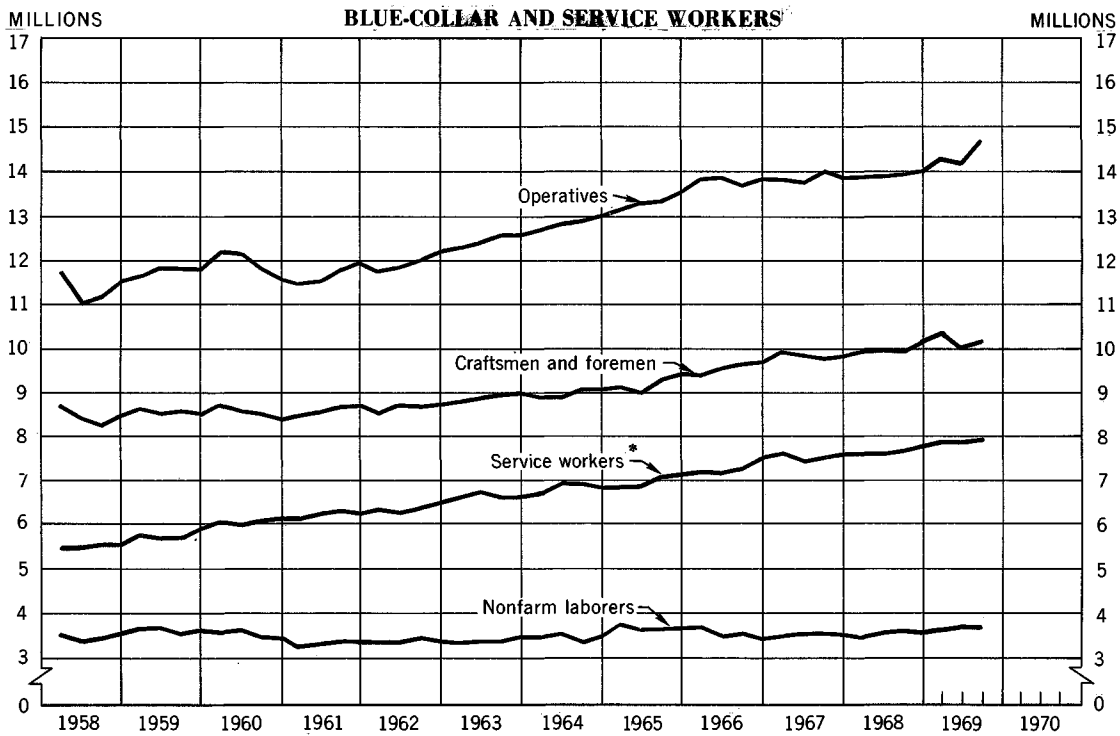
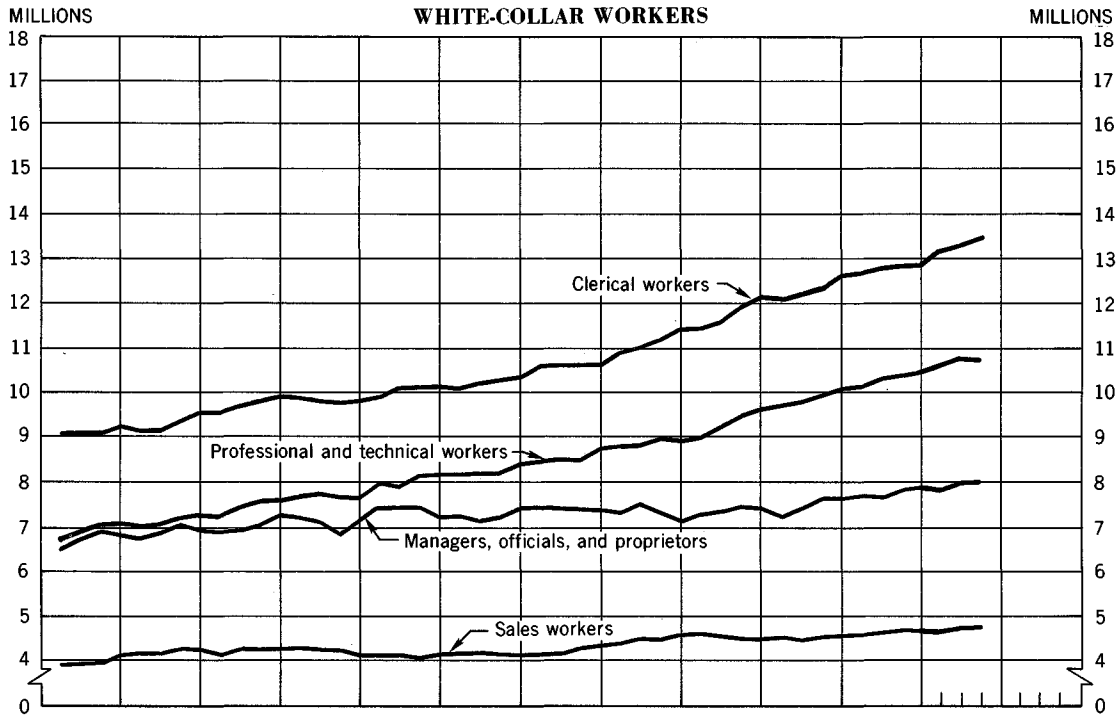


*Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 9.

EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date
(Seasonally adjusted quarterly averages)



* Excludes household workers.

Chart 10.

PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES BY FULL- AND PART-TIME STATUS

1957 to date
(Seasonally adjusted quarterly averages)

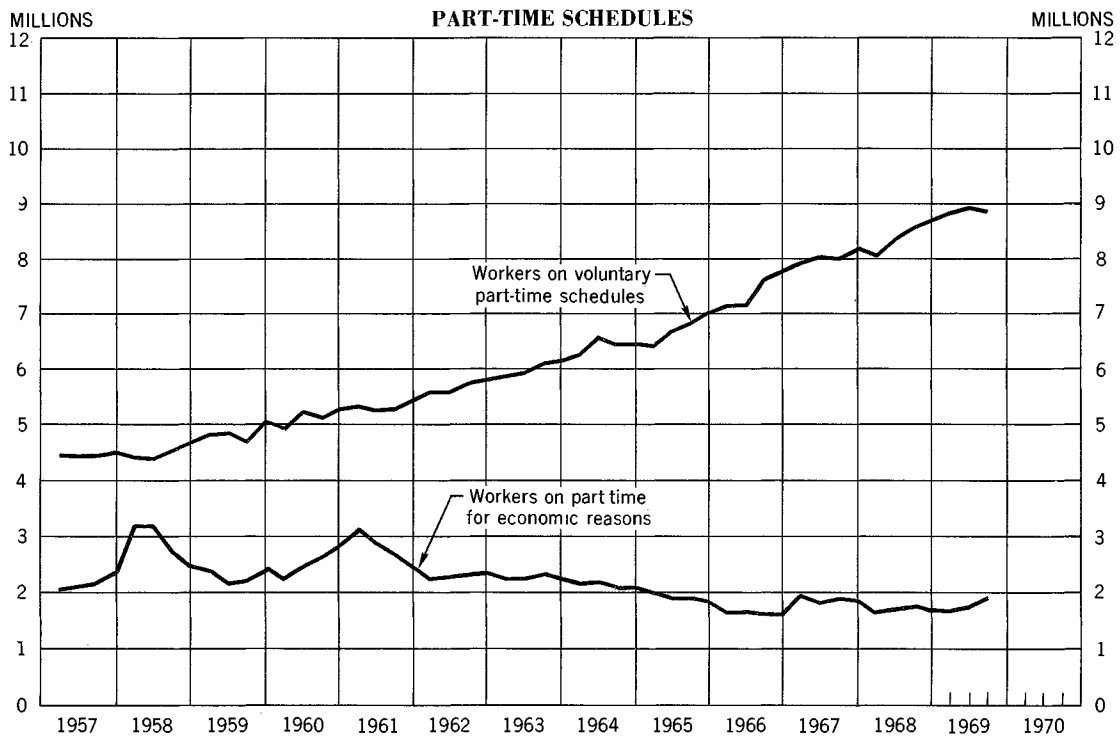
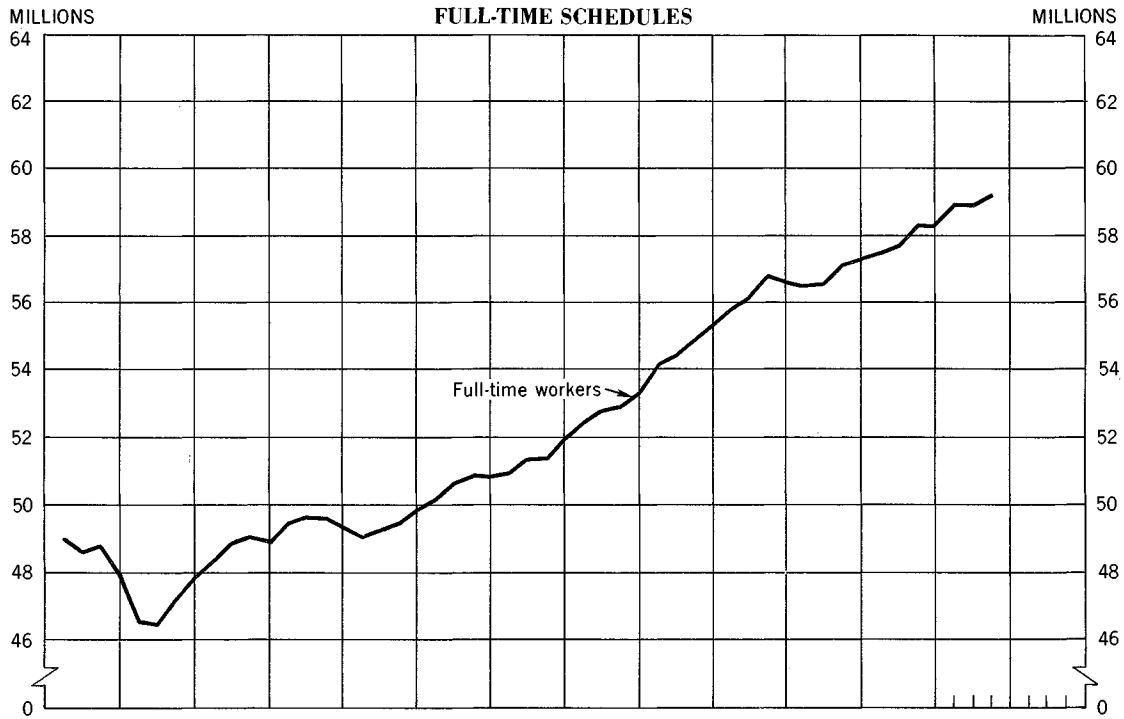


Chart 11.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date
(Seasonally adjusted quarterly averages)

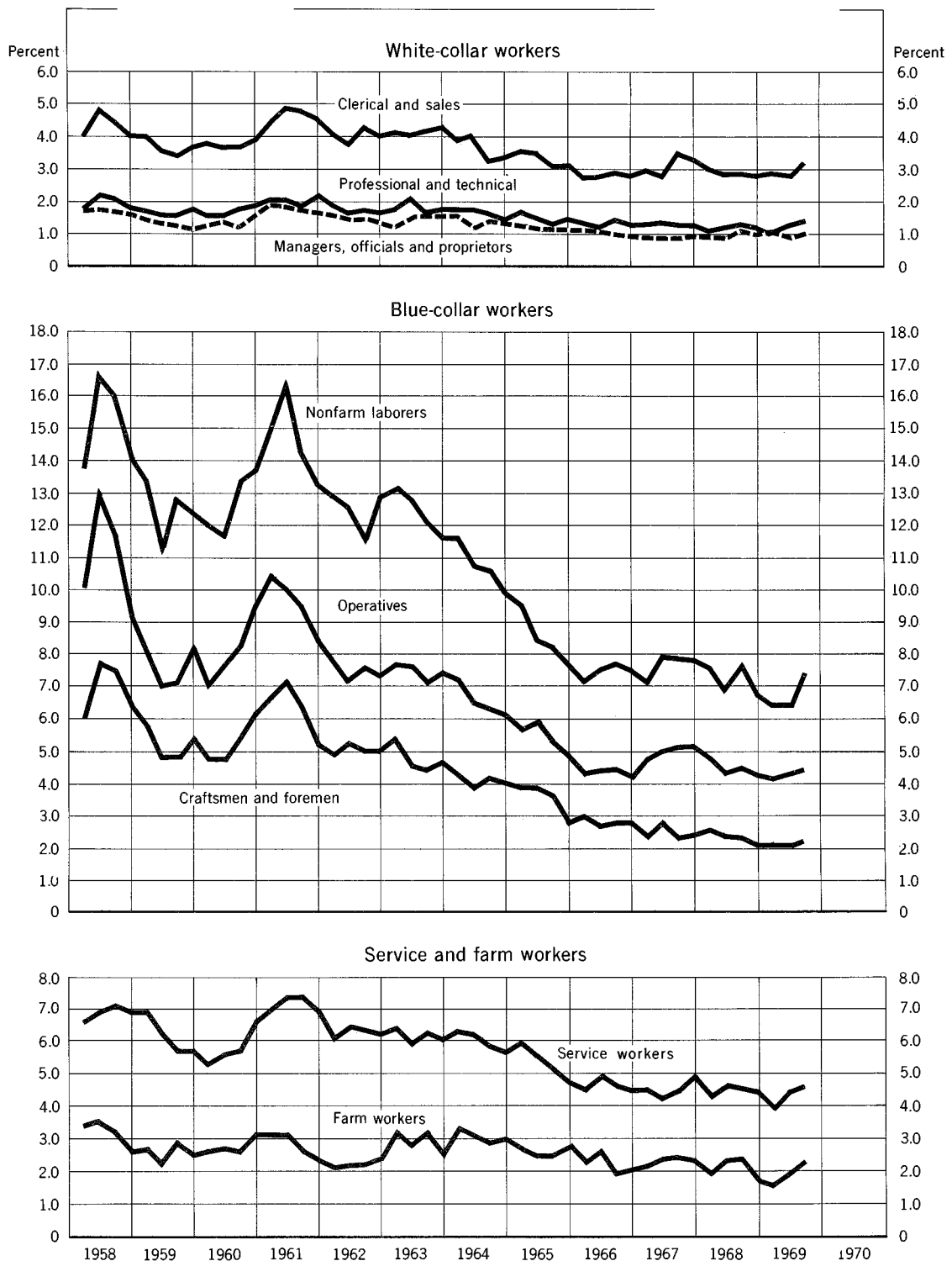


Chart 12.

UNEMPLOYMENT RATES BY COLOR

1957 to date

(Seasonally adjusted quarterly averages)

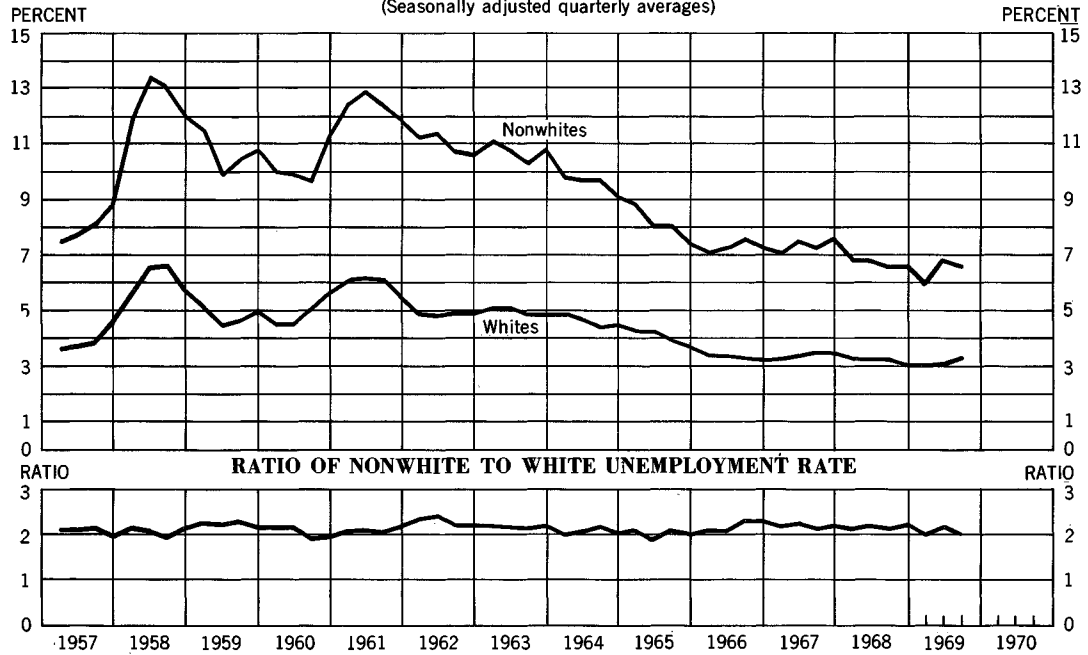
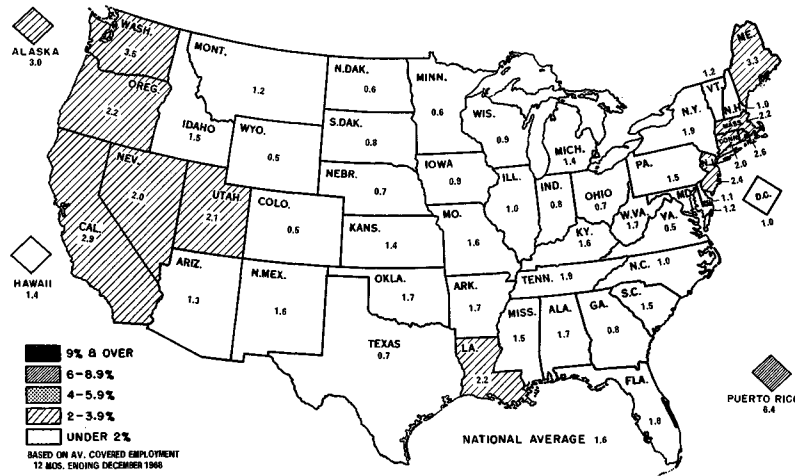


Chart 13.

STATE INSURED UNEMPLOYMENT RATES

Week ending September 13, 1969

(Not seasonally adjusted)



Insured jobless under State unemployment insurance programs excludes workers who have exhausted their benefit rights, new workers, and persons from jobs not covered by State unemployment insurance programs.

Source: Manpower Administration

MONTHLY TABLES

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¹Quarterly data included in February, May, August, and November issues.

HOUSEHOLD DATA

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	38,960	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	54,724	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
1968: September.....	136,036	82,137	60.4	78,546	75,939	3,838	72,103	2,606	3.3	3.6	53,900
October.....	136,221	82,477	60.5	78,874	76,364	3,767	72,596	2,511	3.2	3.6	53,744
November.....	136,420	82,702	60.6	79,185	76,609	3,607	73,001	2,577	3.3	3.4	53,718
December.....	136,619	82,618	60.5	79,118	76,700	3,279	73,421	2,419	3.1	3.3	54,001
1969: January.....	136,802	81,711	59.7	78,234	75,358	3,165	72,192	2,876	3.7	3.3	55,091
February.....	136,940	82,579	60.3	79,104	76,181	3,285	72,896	2,923	3.7	3.3	54,361
March.....	137,143	82,770	60.4	79,266	76,520	3,327	73,193	2,746	3.5	3.4	54,373
April.....	137,337	83,137	60.5	79,621	77,079	3,607	73,471	2,542	3.2	3.5	54,200
May.....	137,549	83,085	60.4	79,563	77,264	3,894	73,370	2,299	2.9	3.5	54,464
June.....	137,737	85,880	62.4	82,356	78,956	4,367	74,589	3,400	4.1	3.4	51,857
July.....	137,935	86,318	62.6	82,797	79,616	4,155	75,460	3,182	3.8	3.6	51,617
August.....	138,127	86,046	62.3	82,516	79,646	3,977	75,669	2,869	3.5	3.5	52,081
September.....	138,317	84,527	61.1	80,984	78,026	3,629	74,397	2,958	3.7	4.0	53,790

¹Not available.

HOUSEHOLD DATA

A- 2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date

(In thousands)

Year, month, and sex	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	
MALE											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1968: September.....	65,562	52,879	80.7	49,327	48,172	3,136	45,036	1,155	2.3	2.8	12,683
1969: March.....	66,063	52,832	80.0	49,368	47,907	2,833	45,074	1,461	3.0	2.6	13,230
April.....	66,151	53,063	80.2	49,586	48,332	3,018	45,314	1,254	2.5	2.7	13,089
May.....	66,241	53,139	80.2	49,657	48,543	3,154	45,388	1,114	2.2	2.7	13,102
June.....	66,325	53,001	82.9	51,517	49,937	3,442	46,495	1,580	3.1	2.7	11,324
July.....	66,395	55,501	83.6	52,020	50,412	3,322	47,090	1,608	3.1	3.0	10,894
August.....	66,482	55,306	83.2	51,815	50,522	3,223	47,299	1,293	2.5	2.7	11,176
September.....	66,569	53,797	80.8	50,294	48,973	2,988	45,985	1,321	2.6	3.2	12,771
FEMALE											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953.....	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955.....	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962.....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1968: September.....	70,435	29,257	41.5	29,219	27,767	700	27,067	1,452	5.0	4.9	41,217
1969: March.....	71,081	29,938	42.1	29,898	28,613	494	28,119	1,285	4.3	4.6	41,143
April.....	71,186	30,074	42.2	30,035	28,746	589	28,157	1,288	4.3	4.9	41,111
May.....	71,309	29,946	42.0	29,907	28,721	740	27,982	1,185	4.0	4.8	41,362
June.....	71,412	30,879	43.2	30,839	29,019	925	28,094	1,819	5.9	4.7	40,533
July.....	71,540	30,817	43.1	30,778	29,204	834	28,370	1,574	5.1	4.6	40,722
August.....	71,644	30,740	42.9	30,701	29,124	754	28,370	1,577	5.1	4.9	40,905
September.....	71,749	30,730	42.8	30,691	29,053	642	28,412	1,638	5.3	5.3	41,019

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by age, sex, and color
September 1969
(In thousands)

Age, sex, 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	53,797	80.8	50,294	48,973	1,321	2.6	12,771	192	3,654	1,516	7,409
16 to 21 years	6,995	64.2	5,508	4,954	554	10.1	3,897	6	3,232	36	622
16 to 19 years	4,121	55.9	3,674	3,267	407	11.1	3,245	5	2,786	19	435
16 and 17 years	1,700	44.8	1,664	1,437	227	13.6	2,092	4	1,938	5	145
18 and 19 years	2,421	67.7	2,010	1,830	180	9.0	1,153	1	847	15	290
20 to 64 years	47,423	92.6	44,367	43,498	869	2.0	3,767	54	868	897	1,946
20 to 24 years	7,149	86.8	5,350	5,069	282	5.3	1,088	5	716	34	333
25 to 54 years	33,164	96.3	31,909	31,434	474	1.5	1,285	30	152	469	634
25 to 29 years	6,365	96.4	5,885	5,751	134	2.3	238	3	108	27	101
30 to 34 years	5,415	97.9	5,112	5,046	66	1.3	118	4	19	32	63
35 to 39 years	5,291	97.4	5,019	4,968	50	1.0	140	4	9	49	78
40 to 44 years	5,643	96.9	5,527	5,432	96	1.7	181	4	5	73	100
45 to 49 years	5,577	95.7	5,515	5,437	78	1.4	249	4	7	121	117
50 to 54 years	4,872	93.1	4,851	4,800	51	1.1	359	13	3	167	177
55 to 64 years	7,111	83.6	7,108	6,995	112	1.6	1,393	19	2	394	978
55 to 59 years	4,193	89.7	4,190	4,118	73	1.7	480	13	1	188	278
60 to 64 years	2,918	76.2	2,917	2,878	40	1.4	913	6	--	206	701
65 years and over	2,253	28.1	2,253	2,208	45	2.0	5,760	133	--	600	5,028
65 to 69 years	1,296	42.7	1,296	1,264	32	2.5	1,738	38	--	174	1,527
70 years and over	957	19.2	957	944	13	1.4	4,022	95	--	427	3,501
WHITE MALE											
16 years and over	48,380	81.2	45,253	44,181	1,072	2.4	11,234	165	3,139	1,246	6,684
16 to 21 years	6,148	64.9	4,820	4,392	428	8.9	3,330	4	2,763	32	530
16 to 19 years	3,646	57.1	3,250	2,932	317	9.8	2,745	3	2,357	15	370
16 and 17 years	1,531	46.5	1,500	1,319	181	12.1	1,759	3	1,632	2	122
18 and 19 years	2,115	68.2	1,750	1,614	136	7.8	986	1	725	13	248
20 to 64 years	42,658	93.0	39,928	39,212	716	1.8	3,226	46	782	732	1,666
20 to 24 years	6,279	86.5	4,662	4,441	221	4.7	979	5	652	32	291
25 to 54 years	29,865	96.7	28,756	28,348	409	1.4	1,019	24	131	374	490
25 to 34 years	10,498	97.3	9,812	9,643	169	1.7	295	4	111	50	130
35 to 44 years	9,858	97.8	9,514	9,387	127	1.3	224	7	11	88	118
45 to 54 years	9,509	95.0	9,430	9,318	112	1.2	500	13	10	236	242
55 to 64 years	6,513	84.1	6,510	6,423	87	1.3	1,228	18	--	326	884
55 to 59 years	3,840	90.5	3,837	3,785	52	1.4	405	12	--	152	241
60 to 64 years	2,673	76.5	2,673	2,638	35	1.3	822	6	--	174	643
65 years and over	2,076	28.3	2,076	2,037	39	1.9	5,263	116	--	499	4,649
NONWHITE MALE											
16 years and over	5,417	77.9	5,040	4,792	248	4.9	1,538	27	515	270	725
16 to 21 years	846	59.9	688	562	126	18.4	567	2	469	4	92
16 to 19 years	475	48.7	424	334	90	21.1	500	2	429	4	65
16 and 17 years	169	33.6	164	118	45	27.6	334	1	307	2	23
18 and 19 years	306	64.8	260	216	44	17.1	166	1	122	2	42
20 to 64 years	4,765	89.8	4,439	4,287	153	3.4	541	9	86	166	281
20 to 24 years	869	88.9	688	627	61	8.9	109	--	64	2	42
25 to 54 years	3,299	92.5	3,153	3,087	66	2.1	266	7	20	95	145
25 to 34 years	1,282	95.5	1,185	1,154	31	2.6	61	2	16	9	33
35 to 44 years	1,076	91.7	1,032	1,013	18	1.8	97	--	4	34	60
45 to 54 years	940	89.7	936	919	17	1.8	108	4	--	52	52
55 to 64 years	598	78.4	598	573	25	4.2	165	1	2	68	94
55 to 59 years	353	82.5	353	333	20	5.7	75	1	2	36	36
60 to 64 years	245	73.0	245	240	5	1.9	90	--	--	32	57
65 years and over	177	26.2	177	171	6	3.6	497	17	--	101	379

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by age, sex, and color--Continued
September 1969
 (in thousands)

Age, sex, 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	30,730	42.8	30,691	29,053	1,638	5.3	41,019	34,653	3,591	834	1,941
16 to 21 years	5,019	46.9	4,998	4,375	623	12.5	5,673	1,735	3,331	18	590
16 to 19 years	2,989	41.5	2,980	2,544	435	14.6	4,221	788	2,977	9	447
16 and 17 years	1,162	31.4	1,161	957	204	17.6	2,543	213	2,170	1	160
18 and 19 years	1,828	52.1	1,818	1,587	231	12.7	1,677	575	807	8	287
20 to 64 years	26,693	49.6	26,663	25,483	1,180	4.4	27,133	25,448	608	288	790
20 to 24 years	4,618	56.3	4,600	4,256	343	7.5	3,581	2,857	473	24	227
25 to 54 years	17,972	49.8	17,960	17,233	728	4.1	18,147	17,505	124	148	370
25 to 29 years	2,954	44.0	2,950	2,782	168	5.7	3,754	3,610	48	20	76
30 to 34 years	2,525	44.3	2,523	2,389	134	5.3	3,180	3,084	27	16	54
35 to 39 years	2,734	48.4	2,732	2,603	129	4.7	2,911	2,846	19	17	29
40 to 44 years	3,221	52.4	3,220	3,106	114	3.5	2,926	2,818	21	24	63
45 to 49 years	3,463	55.4	3,462	3,359	103	3.0	2,791	2,676	8	34	74
50 to 54 years	3,074	54.3	3,074	2,994	80	2.6	2,583	2,470	3	37	74
55 to 64 years	4,103	43.1	4,103	3,994	109	2.7	5,406	5,086	11	116	193
55 to 59 years	2,562	49.9	2,562	2,481	80	3.1	2,570	2,425	6	60	79
60 to 64 years	1,541	35.2	1,541	1,512	29	1.9	2,835	2,661	5	55	114
65 years and over	1,048	9.8	1,048	1,026	22	2.1	9,665	8,417	6	536	705
65 to 69 years	616	16.8	616	605	11	1.8	3,041	2,807	2	62	170
70 years and over	432	6.1	432	421	11	2.5	6,624	5,610	4	474	536
WHITE FEMALE											
16 years and over	26,768	41.9	26,733	25,406	1,328	5.0	37,054	31,653	3,012	677	1,712
16 to 21 years	4,441	48.1	4,423	3,928	495	11.2	4,792	1,461	2,800	13	518
16 to 19 years	2,687	43.3	2,679	2,336	343	12.8	3,522	636	2,489	5	392
16 and 17 years	1,062	33.3	1,062	897	165	15.6	2,129	176	1,817	1	135
18 and 19 years	1,625	53.9	1,617	1,439	178	11.0	1,393	460	672	4	257
20 to 64 years	23,133	48.5	23,107	22,144	963	4.2	24,602	23,181	519	218	684
20 to 24 years	4,003	55.9	3,987	3,715	272	6.8	3,158	2,533	408	19	198
25 to 54 years	15,433	48.3	15,423	14,830	593	3.8	16,503	15,971	101	116	316
25 to 29 years	4,563	41.9	4,557	4,318	240	5.3	6,320	6,127	54	33	107
30 to 34 years	5,097	49.2	5,094	4,892	202	4.0	5,271	5,120	38	31	82
35 to 44 years	5,773	54.0	5,772	5,620	152	2.6	4,912	4,724	9	53	126
55 to 64 years	3,697	42.8	3,697	3,599	98	2.6	4,941	4,677	10	83	171
55 to 59 years	2,310	49.8	2,309	2,234	76	3.3	2,332	2,213	6	39	73
60 to 64 years	1,387	34.7	1,387	1,365	22	1.6	2,610	2,463	4	45	98
65 years and over	948	9.6	948	926	22	2.3	8,930	7,837	5	453	636
NONWHITE FEMALE											
16 years and over	3,962	50.0	3,957	3,648	310	7.8	3,965	3,000	579	157	230
16 to 21 years	578	39.6	575	447	128	22.2	882	274	531	5	72
16 to 19 years	302	30.2	301	209	92	30.6	699	152	488	4	55
16 and 17 years	99	19.3	99	61	39	38.9	414	37	352	1	24
18 and 19 years	203	41.6	202	148	54	26.6	285	115	136	4	31
20 to 64 years	3,560	58.5	3,557	3,339	218	6.1	2,531	2,267	89	69	105
20 to 24 years	615	59.2	612	541	71	11.6	423	324	65	5	29
25 to 54 years	2,539	60.7	2,538	2,403	134	5.3	1,643	1,533	24	32	54
25 to 29 years	916	59.9	916	853	63	6.8	615	566	21	3	24
30 to 34 years	858	60.3	858	817	41	4.8	566	545	1	10	10
35 to 44 years	764	62.3	764	733	31	4.1	462	422	1	18	21
55 to 64 years	406	46.6	406	395	11	2.7	465	410	1	32	22
55 to 59 years	252	51.4	252	248	5	1.8	239	212	--	21	6
60 to 64 years	154	40.5	154	147	7	4.3	226	198	1	11	16
65 years and over	100	12.0	100	100	--	--	735	580	2	84	70

HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
MALE								
16 years and over.....	53,797	52,879	80.8	80.7	50,294	49,327	79.7	79.5
16 to 19 years.....	4,121	3,820	55.9	52.9	3,674	3,387	53.1	49.9
16 and 17 years.....	1,700	1,504	44.8	40.8	1,664	1,478	44.3	40.4
18 and 19 years.....	2,421	2,316	67.7	65.5	2,010	1,909	63.6	61.0
20 to 24 years.....	7,149	6,854	86.8	86.6	5,350	5,032	83.1	82.6
25 to 54 years.....	33,164	32,939	96.3	96.5	31,909	31,646	96.1	96.3
25 to 34 years.....	11,780	11,473	97.1	97.2	10,997	10,679	96.9	97.0
35 to 44 years.....	10,934	11,100	97.1	97.3	10,546	10,696	97.0	97.2
45 to 54 years.....	10,449	10,366	94.5	94.8	10,366	10,272	94.5	94.7
55 to 64 years.....	7,111	7,061	83.6	84.4	7,108	7,057	83.6	84.4
55 to 59 years.....	4,193	4,127	89.7	89.8	4,190	4,124	89.7	89.8
60 to 64 years.....	2,918	2,934	76.2	77.8	2,917	2,933	76.2	77.8
65 years and over.....	2,253	2,205	28.1	27.8	2,253	2,205	28.1	27.8
WHITE MALE								
16 years and over.....	48,380	47,596	81.2	81.0	45,253	44,422	80.1	79.9
16 to 19 years.....	3,646	3,406	57.1	54.3	3,250	3,012	54.2	51.2
16 and 17 years.....	1,531	1,368	46.5	42.8	1,500	1,343	46.0	42.3
18 and 19 years.....	2,115	2,039	68.2	66.2	1,750	1,669	64.0	61.6
20 to 24 years.....	6,279	6,036	86.5	86.3	4,662	4,394	82.6	82.1
25 to 54 years.....	29,865	29,679	96.7	96.9	28,756	28,544	96.6	96.8
25 to 34 years.....	10,498	10,234	97.3	97.4	9,812	9,543	97.1	97.3
35 to 44 years.....	9,858	10,011	97.8	97.9	9,514	9,654	97.7	97.8
45 to 54 years.....	9,509	9,435	95.0	95.3	9,430	9,347	95.6	95.3
55 to 64 years.....	6,513	6,457	84.1	84.8	6,510	6,453	84.1	84.8
55 to 59 years.....	3,840	3,769	90.5	90.3	3,837	3,766	90.4	90.3
60 to 64 years.....	2,673	2,688	76.5	78.2	2,673	2,688	76.5	78.2
65 years and over.....	2,076	2,018	28.3	27.8	2,076	2,018	28.3	27.8
NONWHITE MALE								
16 years and over.....	5,417	5,283	77.9	77.8	5,040	4,905	76.6	76.5
16 to 19 years.....	475	414	48.7	43.8	424	375	45.9	41.4
16 and 17 years.....	169	137	33.6	28.1	164	135	32.9	27.8
18 and 19 years.....	306	278	64.8	60.5	260	240	61.0	57.0
20 to 24 years.....	869	818	88.9	89.0	688	638	86.4	86.4
25 to 54 years.....	3,299	3,259	92.5	92.8	3,153	3,102	92.2	92.5
25 to 34 years.....	1,282	1,239	95.5	95.8	1,185	1,136	95.1	95.4
35 to 44 years.....	1,076	1,089	91.7	92.3	1,032	1,041	91.4	92.0
45 to 54 years.....	940	932	89.7	89.8	936	924	89.6	89.7
55 to 64 years.....	598	604	78.4	80.2	598	604	78.4	80.2
55 to 59 years.....	353	359	82.5	85.3	353	358	82.5	85.3
60 to 64 years.....	245	246	73.0	73.8	245	246	73.0	73.8
65 years and over.....	177	187	26.2	28.4	177	187	26.2	28.4

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
FEMALE								
16 years and over	30,730	29,257	42.8	41.5	30,691	29,219	42.8	41.5
16 to 19 years	2,989	2,802	41.5	39.8	2,980	2,792	41.4	39.7
16 and 17 years	1,162	1,037	31.4	28.9	1,161	1,037	31.3	28.9
18 and 19 years	1,828	1,765	52.1	51.0	1,818	1,756	52.0	50.9
20 to 24 years	4,618	4,268	56.3	54.4	4,600	4,250	56.2	54.3
25 to 54 years	17,972	17,247	49.8	48.2	17,960	17,236	49.7	48.2
25 to 34 years	5,479	5,092	44.1	42.2	5,473	5,086	44.1	42.2
35 to 44 years	5,955	5,942	50.5	49.7	5,952	5,939	50.5	49.7
45 to 54 years	6,537	6,212	54.9	52.9	6,536	6,211	54.9	52.9
55 to 64 years	4,103	3,960	43.1	42.5	4,103	3,959	43.1	42.5
55 to 59 years	2,562	2,400	49.9	47.7	2,562	2,400	49.9	47.7
60 to 64 years	1,541	1,559	35.2	36.4	1,541	1,559	35.2	36.4
65 years and over	1,048	982	9.8	9.4	1,048	982	9.8	9.4
WHITE FEMALE								
16 years and over	26,768	25,485	41.9	40.6	26,733	25,452	41.9	40.6
16 to 19 years	2,687	2,494	43.3	41.0	2,679	2,486	43.2	40.9
16 and 17 years	1,062	953	33.3	30.8	1,062	953	33.3	30.8
18 and 19 years	1,625	1,541	53.9	51.6	1,617	1,533	53.7	51.4
20 to 24 years	4,003	3,691	55.9	53.7	3,987	3,676	55.8	53.6
25 to 54 years	15,433	14,825	48.3	46.8	15,423	14,815	48.3	46.8
25 to 34 years	4,563	4,256	41.9	40.2	4,557	4,250	41.9	40.2
35 to 44 years	5,097	5,108	49.2	48.5	5,094	5,105	49.1	48.5
45 to 54 years	5,773	5,461	54.0	51.8	5,772	5,460	54.0	51.8
55 to 64 years	3,697	3,581	42.8	42.3	3,697	3,581	42.8	42.3
55 to 59 years	2,310	2,173	49.8	47.7	2,309	2,173	49.8	47.7
60 to 64 years	1,387	1,409	34.7	36.0	1,387	1,409	34.7	36.0
65 years and over	948	893	9.6	9.2	948	893	9.6	9.2
NONWHITE FEMALE								
16 years and over	3,962	3,772	50.0	48.9	3,957	3,767	50.0	48.9
16 to 19 years	302	308	30.2	31.7	301	306	30.1	31.7
16 and 17 years	99	83	19.3	16.8	99	83	19.3	16.8
18 and 19 years	203	224	41.6	47.4	202	223	41.4	47.3
20 to 24 years	615	577	59.2	59.5	612	574	59.2	59.4
25 to 54 years	2,539	2,421	60.7	58.9	2,538	2,420	60.7	58.9
25 to 34 years	916	836	59.9	56.3	916	835	59.8	56.3
35 to 44 years	858	834	60.3	58.6	858	834	60.2	58.6
45 to 54 years	764	751	62.3	62.6	764	751	62.3	62.6
55 to 64 years	406	378	46.6	44.5	406	378	46.6	44.5
55 to 59 years	252	228	51.4	47.8	252	228	51.4	47.8
60 to 64 years	154	151	40.5	40.4	154	151	40.5	40.4
65 years and over	100	89	12.0	10.9	100	89	12.0	10.9

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
September 1969
(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,584	10,892	10,692	18,711	9,478	9,233	2,873	1,414	1,459
Total labor force	12,013	6,995	5,019	10,589	6,148	4,441	1,424	846	578
Percent of population	55.7	64.2	46.9	56.6	64.9	48.1	49.6	59.9	39.6
Civilian labor force	10,506	5,508	4,998	9,243	4,820	4,423	1,263	688	575
Employed	9,329	4,954	4,375	8,320	4,392	3,928	1,009	562	447
Agriculture	447	395	52	397	354	43	50	41	9
Nonagricultural industries	8,882	4,559	4,323	7,923	4,038	3,885	959	521	438
Unemployed	1,177	554	623	922	428	495	254	126	128
Percent of labor force	11.2	10.1	12.5	10.0	8.9	11.2	20.1	18.4	22.2
Looking for full-time work	646	265	381	484	187	297	162	78	84
Looking for part-time work	530	289	241	439	241	198	92	48	44
Not in labor force	9,570	3,897	5,673	8,121	3,330	4,792	1,449	567	882
Major activity: going to school									
Civilian labor force	2,822	1,700	1,121	2,580	1,554	1,026	242	147	95
Employed	2,365	1,444	921	2,207	1,343	864	157	100	57
Agriculture	196	172	23	182	162	21	13	11	3
Nonagricultural industries	2,169	1,271	898	2,025	1,182	843	144	90	55
Unemployed	457	257	200	373	210	162	84	46	38
Percent of labor force	16.2	15.1	17.9	14.4	13.5	15.8	34.9	31.7	39.9
Looking for full-time work	12	7	5	4	2	1	9	5	4
Looking for part-time work	445	250	195	369	208	161	76	42	34
Not in labor force	6,563	3,232	3,331	5,563	2,763	2,800	1,001	469	531
Major activity: other									
Civilian labor force	7,684	3,808	3,877	6,663	3,266	3,397	1,022	542	480
Employed	6,965	3,510	3,454	6,113	3,049	3,064	852	462	390
Agriculture	251	222	29	215	192	23	37	30	6
Nonagricultural industries	6,713	3,288	3,425	5,898	2,857	3,041	815	431	384
Unemployed	720	297	422	550	217	333	170	80	90
Percent of labor force	9.4	7.8	10.9	8.3	6.6	9.8	16.6	14.8	18.7
Looking for full-time work	634	258	376	480	184	296	154	74	80
Looking for part-time work	86	39	47	70	33	37	16	6	10
Not in labor force	3,007	665	2,343	2,559	567	1,992	448	98	350

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
TOTAL								
Total noninstitutional population	138,317	136,036	59,203	58,340	64,539	63,426	14,576	14,270
Total labor force	84,527	82,137	49,676	49,059	27,741	26,455	7,110	6,622
Percent of population	61.1	60.4	83.9	84.1	43.0	41.7	48.8	46.4
Civilian labor force	80,984	78,546	46,620	45,940	27,711	26,427	6,653	6,179
Employed	78,026	75,939	45,706	45,125	26,509	25,377	5,811	5,438
Agriculture	3,629	3,836	2,663	2,809	605	651	362	376
Nonagricultural industries	74,397	72,103	43,043	42,316	25,904	24,726	5,449	5,062
Unemployed	2,958	2,606	914	816	1,202	1,050	842	741
Percent of labor force	3.7	3.3	2.0	1.8	4.3	4.0	12.7	12.0
Not in labor force	53,790	53,900	9,527	9,282	36,798	36,970	7,465	7,648
WHITE								
Total noninstitutional population	123,436	121,539	53,223	52,498	57,613	56,685	12,600	12,356
Total labor force	75,148	73,081	44,734	44,190	24,081	22,991	6,333	5,901
Percent of population	60.9	60.1	84.1	84.2	41.8	40.6	50.3	47.8
Civilian labor force	71,987	69,874	42,004	41,410	24,055	22,966	5,928	5,498
Employed	69,586	67,790	41,249	40,740	23,070	22,107	5,268	4,943
Agriculture	3,252	3,414	2,398	2,512	530	564	324	339
Nonagricultural industries	66,334	64,376	38,851	38,228	22,540	21,543	4,943	4,605
Unemployed	2,400	2,083	755	670	985	859	661	555
Percent of labor force	3.3	3.0	1.8	1.6	4.1	3.7	11.1	10.1
Not in labor force	48,288	48,458	8,489	8,308	33,532	33,694	6,267	6,455
NONWHITE								
Total noninstitutional population	14,882	14,497	5,980	5,842	6,925	6,741	1,976	1,914
Total labor force	9,379	9,055	4,942	4,869	3,660	3,465	777	722
Percent of population	63.0	62.5	82.6	83.3	52.8	51.4	39.3	37.7
Civilian labor force	8,998	8,672	4,616	4,530	3,657	3,461	725	681
Employed	8,440	8,149	4,458	4,384	3,439	3,270	543	495
Agriculture	377	422	265	297	75	87	37	38
Nonagricultural industries	8,063	7,727	4,192	4,087	3,364	3,183	506	457
Unemployed	558	523	159	146	218	191	182	186
Percent of labor force	6.2	6.0	3.4	3.2	5.9	5.5	25.1	27.4
Not in labor force	5,502	5,442	1,038	973	3,266	3,276	1,199	1,192

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

September 1969

(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									
16 years and over	70,350	66,206	2,069	2,075	2.9	10,634	9,751	883	8.3
16 to 21 years	6,918	5,845	426	646	9.3	3,588	3,058	530	14.8
16 to 19 years	3,596	2,892	308	396	11.0	3,057	2,611	446	14.6
16 and 17 years	645	456	92	97	15.0	2,180	1,846	334	15.3
18 and 19 years	2,950	2,436	215	299	10.1	878	765	113	12.9
20 years and over	66,755	63,314	1,762	1,679	2.5	7,577	7,140	437	5.8
20 to 24 years	8,952	8,186	262	504	5.6	998	877	121	12.1
25 years and over	57,803	55,127	1,501	1,175	2.0	6,578	6,263	316	4.8
25 to 54 years	45,688	43,601	1,115	972	2.1	4,182	3,952	231	5.5
55 years and over	12,114	11,526	385	203	1.7	2,396	2,311	85	3.5
MALE									
16 years and over	46,555	44,566	1,038	950	2.0	3,739	3,368	371	9.9
16 to 21 years	3,492	3,000	227	265	7.6	2,016	1,727	289	14.3
16 to 19 years	1,898	1,571	162	165	8.7	1,776	1,534	242	13.6
20 years and over	44,657	42,995	877	785	1.8	1,963	1,834	129	6.6
20 to 24 years	4,926	4,567	141	218	4.4	425	361	64	15.0
25 years and over	39,732	38,428	735	567	1.4	1,538	1,474	65	4.2
25 to 54 years	31,466	30,492	520	453	1.4	443	422	22	5.0
55 years and over	8,266	7,935	215	114	1.4	1,095	1,052	43	3.9
FEMALE									
16 years and over	23,796	21,639	1,031	1,125	4.7	6,895	6,383	512	7.4
16 to 21 years	3,425	2,845	199	381	11.1	1,572	1,331	241	15.4
16 to 19 years	1,698	1,321	146	231	13.6	1,282	1,077	204	15.9
20 years and over	22,098	20,319	885	894	4.0	5,614	5,306	308	5.5
20 to 24 years	4,026	3,619	121	286	7.1	574	516	57	10.0
25 years and over	18,071	16,699	764	608	3.4	5,040	4,789	251	5.0
25 to 54 years	14,221	13,109	594	518	3.6	3,739	3,530	209	5.6
55 years and over	3,850	3,591	170	89	2.3	1,301	1,259	42	3.2

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

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A- 8: Unemployed persons by age and sex

	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total, 16 years and over	1,321	1,155	2.6	2.3	1,638	1,452	5.3	5.0
16 to 19 years	407	339	11.1	10.0	435	402	14.6	14.4
16 and 17 years	227	173	13.6	11.7	204	157	17.6	15.1
18 and 19 years	180	166	9.0	8.7	231	245	12.7	14.0
20 years and over	914	816	2.0	1.8	1,202	1,050	4.3	4.0
20 to 24 years	282	215	5.3	4.3	343	307	7.5	7.2
25 years and over	632	600	1.5	1.5	859	743	3.7	3.3
25 to 34 years	200	165	1.8	1.5	302	248	5.5	4.9
35 to 44 years	146	127	1.4	1.2	243	229	4.1	3.8
45 to 54 years	129	146	1.2	1.4	183	168	2.8	2.7
55 to 64 years	112	115	1.6	1.6	109	81	2.7	2.0
55 to 59 years	73	65	1.7	1.6	80	51	3.1	2.1
60 to 64 years	40	50	1.4	1.7	29	29	1.9	1.9
65 years and over	45	46	2.0	2.1	22	17	2.1	1.8
Household head, 16 years and over	615	558	1.5	1.3	233	203	3.7	3.3
16 to 24 years	96	62	3.1	2.1	31	41	5.1	7.1
25 to 54 years	369	346	1.2	1.2	146	114	4.1	3.3
55 years and over	150	151	1.7	1.7	56	49	2.6	2.4

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total, 16 years and over	1,321	1,155	2.6	2.3	1,638	1,452	5.3	5.0
Married, spouse present	514	470	1.3	1.2	839	737	4.6	4.3
Widowed, divorced, or separated	103	93	3.8	3.7	254	212	4.4	3.8
Single (never married).....	703	591	8.0	7.2	544	502	8.1	7.8
Total, 20 to 64 years of age	869	770	2.0	1.8	1,180	1,033	4.4	4.1
Married, spouse present	476	431	1.3	1.2	765	671	4.4	4.0
Widowed, divorced, or separated	90	82	3.8	3.7	228	182	4.5	3.7
Single (never married).....	303	257	5.7	5.2	188	179	4.6	4.5
White, 16 years and over	1,072	930	2.4	2.1	1,328	1,153	5.0	4.5
Married, spouse present	443	391	1.3	1.1	726	625	4.5	4.1
Widowed, divorced, or separated	84	72	3.9	3.7	191	160	4.1	3.6
Single (never married).....	546	468	7.1	6.5	411	368	6.9	6.5
White, 20 to 64 years of age	716	633	1.8	1.6	963	844	4.2	3.8
Married, spouse present	408	359	1.2	1.1	660	576	4.2	3.9
Widowed, divorced, or separated	72	62	3.9	3.6	166	137	4.1	3.5
Single (never married).....	236	212	5.1	4.9	138	131	3.9	3.8
Nonwhite, 16 years and over	248	225	4.9	4.6	310	299	7.8	7.9
Married, spouse present	71	79	2.1	2.4	113	112	5.7	6.0
Widowed, divorced, or separated	20	21	3.4	4.1	64	52	5.6	4.7
Single (never married).....	157	124	14.1	12.2	133	134	16.0	17.0
Nonwhite, 20 to 64 years of age	153	136	3.4	3.1	218	188	6.1	5.6
Married, spouse present	67	72	2.1	2.2	105	96	5.5	5.3
Widowed, divorced, or separated	17	19	3.2	3.9	62	45	5.8	4.4
Single (never married).....	67	45	9.5	6.9	50	49	8.8	9.3

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

Occupation	Thousands of persons		Unemployment rates					
	Sept. 1969	Sept. 1968	Total		Male		Female	
			Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total.....	2,958	2,606	3.7	3.3	2.6	2.3	5.3	5.0
White-collar workers.....	932	827	2.5	2.3	1.4	1.3	3.6	5.0
Professional and technical.....	196	164	1.8	1.6	1.2	1.1	2.8	2.4
Managers, officials, and proprietors.....	83	76	1.0	.9	.9	.9	1.4	1.0
Clerical workers.....	516	464	3.7	3.5	2.6	2.4	4.1	4.0
Sales workers.....	137	123	2.9	2.6	1.8	1.4	4.3	4.3
Blue-collar workers.....	1,064	935	3.6	3.3	2.9	2.7	6.4	5.8
Craftsmen and foremen.....	175	155	1.7	1.5	1.6	1.4	2.3	3.5
Carpenters and other construction craftsmen.....	70	61	2.3	2.0	2.3	2.0	--	(1)
All other.....	105	94	1.4	1.3	1.4	1.2	2.3	3.3
Operatives.....	646	569	4.2	3.9	3.0	2.9	6.6	6.0
Drivers and deliverymen.....	66	83	2.5	3.2	2.3	3.1	(1)	5.0
All other.....	580	486	4.6	4.1	3.3	2.9	6.6	6.0
Nonfarm laborers.....	243	211	6.1	5.5	6.0	5.4	10.5	7.5
Construction laborers.....	89	65	10.0	8.0	9.9	8.1	(1)	--
All other.....	154	146	5.0	4.8	4.8	4.7	10.0	7.9
Service workers.....	463	412	4.7	4.3	4.3	3.1	5.0	4.9
Private household.....	53	87	3.4	5.0	5.6	--	3.4	5.2
All other.....	410	325	5.0	4.2	4.3	3.2	5.5	4.9
Farmers and farm laborers.....	55	67	1.6	1.9	1.2	1.7	3.5	2.9
No previous work experience.....	445	365	--	--	--	--	--	--
16 to 19 years.....	333	267	--	--	--	--	--	--
20 to 24 years.....	69	65	--	--	--	--	--	--
25 years and over.....	41	34	--	--	--	--	--	--

¹Percent not shown where base is less than 100,000.

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

Industry	Percent distribution		Unemployment rates					
	Sept. 1969	Sept. 1968	Total		Male		Female	
			Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total.....	100.0	100.0	3.7	3.3	2.6	2.3	5.3	5.0
Private wage and salary workers.....	71.5	70.6	3.6	3.2	2.7	2.4	5.1	4.6
Mining.....	.3	.7	1.7	3.2	1.4	3.3	(1)	(1)
Construction.....	6.2	4.9	4.7	3.5	4.6	3.6	7.1	.5
Manufacturing.....	24.7	24.2	3.3	3.0	2.4	2.0	5.7	5.4
Durable goods.....	12.8	13.5	2.9	2.8	2.3	2.0	5.2	5.9
Primary metal industries.....	.9	1.9	2.1	3.8	1.4	3.5	9.9	8.5
Fabricated metal products.....	2.3	1.1	3.8	1.8	2.9	1.5	6.5	2.7
Machinery.....	1.9	2.1	2.4	2.6	2.2	2.0	3.2	5.7
Electrical equipment.....	2.4	2.5	3.4	3.2	2.8	1.6	4.1	5.6
Motor vehicles and equipment.....	.7	.5	1.8	1.2	1.6	.9	3.7	4.4
All other transportation equipment.....	1.8	1.4	4.3	2.8	2.9	2.3	13.1	5.7
Other durable goods industries.....	2.7	3.9	2.9	3.6	2.2	2.2	4.4	7.7
Nondurable goods.....	11.9	10.7	3.9	3.2	2.5	2.1	6.0	5.0
Food and kindred products.....	2.8	2.7	4.1	3.8	2.5	2.5	7.9	7.0
Textile mill products.....	1.6	1.4	4.2	3.4	3.4	3.1	4.9	3.7
Apparel and other finished textile products.....	2.8	2.8	5.9	5.3	6.4	3.9	5.7	5.7
Other nondurable goods industries.....	4.7	3.8	3.2	2.3	2.0	1.5	6.0	3.9
Transportation and public utilities.....	3.1	4.1	2.0	2.5	1.5	2.3	3.5	3.2
Railroads and railway express.....	.1	.3	.4	1.3	.4	1.3	--	(1)
Other transportation.....	1.7	2.4	2.5	3.4	2.0	3.4	5.7	3.1
Communication and other public utilities.....	1.3	1.3	2.0	2.1	1.5	1.4	2.9	3.4
Wholesale and retail trade.....	18.2	17.1	4.2	3.5	3.0	2.4	5.8	5.1
Finance, insurance, and real estate.....	3.3	3.2	2.9	2.4	1.4	1.6	4.2	3.3
Service industries.....	15.7	16.5	4.0	3.8	3.0	3.3	4.5	4.2
Professional services.....	5.6	5.4	3.0	2.7	1.5	1.8	3.8	3.2
All other service industries.....	10.1	11.1	4.8	4.8	4.2	4.3	5.3	5.1
Agricultural wage and salary workers.....	2.3	2.9	5.3	5.5	3.9	4.8	12.2	9.0
All other classes of workers.....	11.2	12.5	1.6	1.6	1.3	1.0	2.2	2.7
No previous work experience.....	15.0	14.0	--	--	--	--	--	--

¹Percent not shown where base is less than 100,000.

HOUSEHOLD DATA

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		Nonwhite	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	2,958	2,606	914	816	1,202	1,050	842	741	2,400	2,083	558	523
Lost last job	823	841	440	446	288	280	95	115	692	683	131	157
Left last job	586	497	209	157	237	220	140	119	475	401	111	95
Reentered labor force	1,105	903	235	189	596	474	274	239	889	723	216	180
Never worked before	445	366	30	23	81	75	334	267	344	275	100	91
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	27.8	32.2	48.1	54.6	24.0	26.7	11.3	15.5	28.8	32.8	23.4	30.1
Left last job	19.8	19.1	22.9	19.3	19.7	21.0	16.6	16.1	19.8	19.3	19.9	18.2
Reentered labor force	37.4	34.7	25.7	23.2	49.6	45.2	32.5	32.3	37.0	34.7	38.7	34.4
Never worked before	15.0	14.0	3.3	2.9	6.7	7.2	39.6	36.1	14.3	13.2	18.0	17.3
UNEMPLOYMENT RATE												
Total unemployment rate	3.7	3.3	2.0	1.8	4.3	4.0	12.7	12.0	3.3	3.0	6.2	6.0
Job-loser rate ¹	1.0	1.1	1.0	1.0	1.1	1.1	1.4	1.9	1.0	1.0	1.4	1.9
Job-leaver rate ¹ . . . . .	.7	.6	.4	.3	.9	.8	2.1	1.9	.7	.6	1.2	1.1
Reentrant rate ¹	1.4	1.1	.5	.4	2.2	1.8	4.1	3.9	1.2	1.0	2.4	2.1
New entrant rate ¹ . . . . .	.5	.5	.1	.1	.3	.3	5.0	4.3	.5	.4	1.1	1.0

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

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

September 1969
(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	2,958	100.0	63.0	26.1	11.0	6.5	4.5
Lost last job	823	100.0	52.2	30.7	17.0	10.2	6.8
Left last job	586	100.0	64.7	24.6	10.7	6.3	4.4
Reentered labor force	1,105	100.0	70.5	21.2	8.2	4.4	3.8
Never worked before	445	100.0	61.5	31.5	7.0	5.0	2.0
Male, 20 years and over	914	100.0	56.7	25.1	18.3	7.9	10.4
Lost last job	440	100.0	52.7	28.4	18.9	9.1	9.8
Left last job	209	100.0	56.7	28.1	15.2	8.1	7.1
Reentered labor force	235	100.0	65.3	17.8	17.0	5.1	11.9
Never worked before	30	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,202	100.0	62.8	27.5	9.7	6.9	2.8
Lost last job	288	100.0	46.2	36.8	17.0	12.5	4.5
Left last job	237	100.0	63.3	25.7	11.0	7.2	3.8
Reentered labor force	596	100.0	70.5	23.7	5.8	4.0	1.8
Never worked before	81	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	842	100.0	70.1	25.2	4.8	4.3	.5
Lost last job	95	100.0	(1)	(1)	(1)	(1)	(1)
Left last job	140	100.0	78.6	17.9	3.5	2.1	1.4
Reentered labor force	274	100.0	75.3	18.9	5.8	5.1	.7
Never worked before	334	100.0	62.0	33.8	4.2	3.9	.3

¹Percent not shown where base is less than 100,000.

HOUSEHOLD DATA

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total.....	2,958	2,606	100.0	100.0	848	761	100.0	100.0
Less than 5 weeks.....	1,863	1,672	63.0	64.1	456	408	53.7	53.5
5 to 14 weeks.....	771	625	26.1	24.0	249	210	29.4	27.7
5 to 10 weeks.....	543	427	18.4	16.4	185	154	21.8	20.2
11 to 14 weeks.....	228	198	7.7	7.6	65	57	7.7	7.5
15 weeks and over.....	324	310	11.0	11.9	143	143	16.8	18.8
15 to 26 weeks.....	191	193	6.5	7.4	63	76	7.4	10.0
27 weeks and over.....	133	118	4.5	4.5	80	67	9.4	8.8
Average (mean) duration.....	7.4	7.6	--	--	10.2	11.0	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status September 1969

Sex, age, color, and marital status	Thousands of persons					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	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total	2,958	1,863	771	191	133	63.0	64.1	11.0	11.9
16 to 21 years.....	1,177	807	309	50	11	68.6	73.1	5.2	7.2
16 to 19 years.....	842	590	212	36	4	70.1	74.5	4.8	5.8
20 to 24 years.....	625	409	166	31	19	65.5	66.7	7.9	14.3
25 to 44 years.....	890	564	217	61	48	63.4	61.9	12.2	12.6
45 years and over.....	600	299	175	63	63	49.8	51.3	20.9	20.3
Male	1,321	798	338	89	96	60.4	61.0	14.0	13.6
16 to 21 years.....	554	376	151	21	6	67.9	75.6	4.8	5.9
16 to 19 years.....	407	280	108	17	1	68.8	79.0	4.6	3.9
20 to 24 years.....	282	187	64	17	14	66.4	61.6	11.0	12.2
25 to 44 years.....	346	198	91	25	31	57.2	53.4	16.2	16.8
45 years and over.....	286	133	74	29	50	46.6	47.8	27.5	22.2
Female	1,638	1,065	433	102	37	65.1	66.7	8.5	10.5
16 to 21 years.....	623	431	157	29	5	69.2	71.2	5.5	8.2
16 to 19 years.....	435	310	103	19	3	71.3	70.6	4.9	7.5
20 to 24 years.....	343	222	102	14	5	64.8	70.2	5.4	9.1
25 to 44 years.....	545	366	126	35	16	67.2	67.3	9.4	9.9
45 years and over.....	314	166	101	34	13	52.9	55.4	14.9	18.1
White: Total	2,400	1,531	610	154	105	63.8	63.8	10.8	12.7
Male.....	1,072	658	257	79	79	61.3	60.3	14.7	14.5
Female.....	1,328	874	353	75	25	65.8	66.6	7.6	11.3
Nonwhite: Total	558	332	161	37	28	59.4	65.6	11.8	8.6
Male.....	248	140	81	11	17	56.4	63.6	11.0	10.0
Female.....	310	192	80	27	12	61.9	67.1	12.4	7.5
Male: Married, wife present	514	297	120	38	60	57.7	52.8	19.0	18.4
Widowed, divorced, or separated.....	103	57	28	9	10	55.1	(1)	18.0	(1)
Single (never married).....	703	444	190	43	27	63.1	70.3	9.8	8.9
Female: Married, husband present	839	570	185	59	25	68.0	69.0	10.0	9.0
Widowed, divorced, or separated.....	254	130	98	18	8	51.1	58.5	10.2	16.3
Single (never married).....	544	365	150	25	5	67.1	66.7	5.4	10.3

¹Percent not shown where base is less than 100,000.

HOUSEHOLD DATA

**A-16: Unemployed persons by duration, occupation, and industry of last job
September 1969**

Occupation and industry	Thousands of persons					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	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
OCCUPATION									
White-collar workers.....	932	590	240	46	56	63.3	67.1	10.9	12.1
Professional and managerial.....	279	171	73	14	20	61.3	64.6	12.2	13.8
Clerical workers.....	516	329	135	25	27	63.7	67.8	10.1	12.1
Sales workers.....	137	90	33	6	8	65.7	69.7	10.6	8.3
Blue-collar workers.....	1,064	667	260	84	52	62.7	61.1	12.8	13.7
Craftsmen and foremen.....	175	116	48	8	2	66.3	58.9	6.1	13.6
Operatives.....	646	396	154	59	37	61.3	59.3	14.8	14.9
Nonfarm laborers.....	243	156	57	17	13	64.0	67.5	12.4	10.4
Service workers.....	463	292	119	37	15	63.1	64.6	11.1	10.0
INDUSTRY ¹									
Agriculture.....	67	49	13	2	3	(2)	(2)	(2)	(2)
Construction.....	192	126	51	9	6	65.3	75.2	8.0	8.5
Manufacturing.....	734	427	205	62	40	58.2	58.9	13.9	16.2
Durable goods.....	382	215	114	30	23	56.2	56.3	13.9	15.8
Nondurable goods.....	353	212	91	32	17	60.2	62.2	14.0	16.8
Transportation and public utilities.....	105	64	28	6	7	60.8	58.8	12.8	14.3
Wholesale and retail trade.....	543	345	144	40	14	63.6	64.2	10.0	11.0
Finance and service industries.....	723	483	163	41	34	66.8	68.5	10.4	9.4
Public administration.....	93	67	14	6	6	(2)	65.7	(2)	1.3
No previous work experience.....	445	273	140	22	9	61.5	65.0	7.0	10.9

¹ Includes wage and salary workers only.
Percent not shown where base is less than 100,000.

**A-17: Employed persons by age and sex
(In thousands)**

Age and type of industry	Total		Male		Female	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
	All industries	78,026	75,939	48,973	48,172	29,053	27,767
16 to 19 years.....	5,811	5,438	3,267	3,048	2,544	2,390
16 and 17 years.....	2,394	2,185	1,437	1,305	957	880
18 and 19 years.....	3,416	3,253	1,830	1,742	1,587	1,510
20 to 24 years.....	9,325	8,760	5,069	4,817	4,256	3,943
25 to 34 years.....	48,667	47,798	31,434	31,207	17,233	16,591
25 to 34 years.....	15,968	15,352	10,797	10,514	5,171	4,838
35 to 44 years.....	16,109	16,279	10,400	10,569	5,709	5,710
45 to 54 years.....	16,591	16,168	10,238	10,125	6,353	6,043
55 to 64 years.....	10,989	10,821	6,995	6,942	3,994	3,879
55 to 59 years.....	6,599	6,408	4,118	4,059	2,481	2,349
60 to 64 years.....	4,390	4,413	2,878	2,883	1,512	1,530
65 years and over.....	3,233	3,122	2,208	2,158	1,026	964
Nonagricultural industries	74,397	72,103	45,985	45,036	28,412	27,067
16 to 19 years.....	5,449	5,062	2,941	2,720	2,508	2,341
16 and 17 years.....	2,167	1,979	1,233	1,122	934	856
18 and 19 years.....	3,282	3,083	1,709	1,598	1,574	1,485
20 to 24 years.....	9,108	8,496	4,881	4,593	4,226	3,903
25 to 34 years.....	46,813	45,817	30,008	29,666	16,805	16,150
25 to 34 years.....	15,459	14,842	10,409	10,115	5,049	4,727
35 to 44 years.....	15,468	15,630	9,916	10,075	5,551	5,555
45 to 54 years.....	15,887	15,345	9,683	9,477	6,204	5,868
55 to 64 years.....	10,284	10,072	6,385	6,322	3,898	3,750
55 to 59 years.....	6,242	6,023	3,820	3,748	2,422	2,275
60 to 64 years.....	4,042	4,049	2,566	2,575	1,476	1,475
65 years and over.....	2,743	2,656	1,768	1,733	975	923
Agriculture	3,629	3,836	2,988	3,136	642	700
16 to 19 years.....	362	376	325	327	37	49
16 and 17 years.....	228	207	204	183	24	24
18 and 19 years.....	134	170	121	145	13	25
20 to 24 years.....	218	264	187	223	30	40
25 to 34 years.....	1,854	1,981	1,426	1,541	428	440
25 to 34 years.....	509	510	387	399	122	111
35 to 44 years.....	642	649	484	493	158	156
45 to 54 years.....	704	823	555	649	149	174
55 to 64 years.....	705	749	610	620	95	129
55 to 59 years.....	357	385	298	311	59	74
60 to 64 years.....	348	364	312	308	36	56
65 years and over.....	491	466	439	425	51	41

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total	78,026	75,939	45,706	45,125	26,509	25,377	3,267	3,048	2,544	2,390
White-collar workers	36,648	35,487	18,959	18,575	15,671	14,979	550	592	1,470	1,341
Professional and technical	10,655	10,328	6,694	6,393	3,814	3,776	77	80	71	79
Medical and other health	1,661	1,670	712	640	933	988	1	4	16	38
Teachers, except college	2,317	2,241	739	701	1,574	1,537	--	--	6	5
Other professional and technical	6,677	6,417	5,243	5,052	1,307	1,251	76	76	49	36
Managers, officials, and proprietors	8,086	7,946	6,745	6,631	1,304	1,280	27	28	11	6
Salaried workers	5,791	5,575	4,877	4,709	882	833	23	27	9	6
Self-employed workers in retail trade.....	1,057	1,140	819	851	234	289	2	1	1	--
Self-employed workers, except retail trade	1,238	1,231	1,049	1,072	188	158	2	1	--	--
Clerical workers	13,288	12,608	3,054	3,028	8,843	8,316	265	271	1,126	992
Stenographers, typists, and secretaries....	3,507	3,287	57	35	3,091	2,956	4	--	354	296
Other clerical workers	9,782	9,320	2,997	2,993	5,752	5,360	261	271	772	696
Sales workers.....	4,619	4,605	2,466	2,522	1,710	1,607	181	212	262	264
Retail trade.....	2,774	2,731	873	910	1,485	1,385	159	185	256	251
Other sales workers	1,845	1,874	1,593	1,612	225	222	22	26	5	14
Blue-collar workers	28,785	27,811	21,652	21,227	4,911	4,552	1,901	1,734	320	298
Craftsmen and foremen	10,335	10,184	9,691	9,602	378	324	252	248	14	9
Carpenters	904	958	887	928	--	1	16	28	1	--
Construction craftsmen, except carpenters	2,065	1,974	1,997	1,921	7	11	60	42	2	--
Mechanics and repairmen	2,659	2,623	2,526	2,492	31	24	101	108	3	--
Metal craftsmen, except mechanics	1,237	1,252	1,192	1,221	23	15	20	16	2	--
Other craftsmen and kindred workers.....	1,952	1,953	1,721	1,721	176	172	49	50	7	10
Foremen, not elsewhere classified	1,517	1,424	1,368	1,318	142	100	7	4	--	2
Operatives	14,735	14,011	9,194	8,839	4,414	4,130	849	776	278	267
Drivers and deliverymen	2,604	2,533	2,392	2,328	82	93	126	109	5	4
Other operatives	12,131	11,478	6,802	6,512	4,333	4,038	724	667	273	263
Durable goods manufacturing	5,048	4,697	3,331	3,136	1,401	1,279	229	217	87	67
Nondurable goods manufacturing	4,049	3,949	1,620	1,599	2,166	2,083	131	130	132	138
Other industries	3,034	2,830	1,851	1,777	766	676	364	320	54	58
Nonfarm laborers	3,715	3,616	2,767	2,786	119	98	800	711	28	22
Construction	801	746	665	637	1	4	133	105	2	--
Manufacturing	1,113	1,093	908	924	66	50	128	116	12	2
Other industries	1,800	1,778	1,194	1,225	53	44	539	489	14	20
Service workers	9,295	9,141	2,668	2,766	5,377	5,250	523	414	727	711
Private household workers	1,492	1,658	29	30	1,220	1,348	11	6	231	275
Service workers, except private household ..	7,803	7,482	2,639	2,736	4,157	3,903	512	408	496	436
Protective service workers	920	949	852	887	40	40	23	16	4	6
Waiters, cooks, and bartenders	2,117	2,071	402	425	1,303	1,331	138	87	275	228
Other service workers	4,766	4,463	1,386	1,424	2,814	2,532	350	305	217	201
Farm workers	3,299	3,501	2,426	2,557	550	596	295	308	28	41
Farmers and farm managers	1,881	1,909	1,798	1,819	68	82	15	6	--	1
Farm laborers and foremen	1,418	1,592	628	738	482	514	280	302	28	39
Paid workers	908	1,019	589	674	127	136	182	182	11	26
Unpaid family workers	510	573	39	63	355	377	98	119	17	13

HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
TOTAL						
Total employed (thousands)	78,026	75,939	48,973	48,172	29,053	27,767
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	47.0	46.7	39.8	39.8	59.0	58.8
Professional and technical	13.7	13.6	13.8	13.4	13.4	13.9
Managers, officials, and proprietors	10.4	10.5	13.8	13.8	4.5	4.6
Clerical workers	17.0	16.6	6.8	6.9	34.3	33.5
Sales workers	5.9	6.1	5.4	5.7	6.8	6.7
Blue-collar workers	36.9	36.6	48.1	47.7	18.0	17.5
Craftsmen and foremen	13.2	13.4	20.3	20.4	1.3	1.2
Operatives	18.9	18.5	20.5	20.0	16.1	15.8
Nonfarm laborers	4.8	4.8	7.3	7.3	.5	.4
Service workers	11.9	12.0	6.5	6.6	21.0	21.5
Private household workers	1.9	2.2	.1	.1	5.0	5.8
Other service workers	10.0	9.9	6.4	6.5	16.0	15.6
Farm workers	4.2	4.6	5.6	5.9	2.0	2.3
Farmers and farm managers	2.4	2.5	3.7	3.8	.2	.3
Farm laborers and foremen	1.8	2.1	1.9	2.2	1.8	2.0
WHITE						
Total employed (thousands)	69,586	67,790	44,181	43,492	25,406	24,299
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.6	49.5	42.0	42.1	62.8	62.7
Professional and technical	14.3	14.3	14.6	14.2	13.9	14.5
Managers, officials, and proprietors	11.3	11.4	14.9	14.9	5.0	5.1
Clerical workers	17.6	17.2	6.7	6.9	36.5	35.8
Sales workers	6.4	6.6	5.8	6.1	7.4	7.3
Blue-collar workers	36.0	35.7	46.6	46.0	17.5	17.1
Craftsmen and foremen	13.8	14.0	20.9	21.1	1.4	1.3
Operatives	18.1	17.7	19.5	18.9	15.6	15.4
Nonfarm laborers	4.1	4.0	6.2	6.0	.5	.4
Service workers	10.2	10.2	5.8	5.9	17.7	18.0
Private household workers	1.1	1.4	.1	(1)	3.0	3.7
Other service workers	9.0	8.9	5.8	5.8	14.7	14.3
Farm workers	4.3	4.6	5.6	5.9	2.0	2.2
Farmers and farm managers	2.6	2.7	3.9	4.0	.3	.3
Farm laborers and foremen	1.7	1.9	1.6	1.9	1.7	1.9
NONWHITE						
Total employed (thousands)	8,440	8,149	4,792	4,680	3,648	3,469
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	25.3	23.6	20.1	17.9	32.2	31.4
Professional and technical	8.0	7.5	6.7	6.1	9.8	9.4
Managers, officials, and proprietors	2.9	2.7	4.0	3.5	1.3	1.6
Clerical workers	12.4	11.4	7.6	6.7	18.8	17.8
Sales workers	2.0	2.0	1.8	1.6	2.2	2.5
Blue-collar workers	44.4	44.6	61.7	62.7	21.7	20.1
Craftsmen and foremen	8.8	8.7	14.7	14.6	1.1	.7
Operatives	25.3	25.0	29.5	29.5	19.8	18.9
Nonfarm laborers	10.3	10.9	17.4	18.6	.8	.6
Service workers	26.2	27.1	12.8	13.3	43.9	45.8
Private household workers	8.2	9.1	.3	.4	18.6	20.8
Other service workers	18.0	18.0	12.5	12.9	25.3	25.0
Farm workers	4.0	4.7	5.5	6.2	2.2	2.7
Farmers and farm managers	1.0	1.2	1.6	1.8	.1	.3
Farm laborers and foremen	3.1	3.6	3.9	4.4	2.0	2.5

¹Less than 0.05.

HOUSEHOLD DATA

A-20: Employed persons by class of worker, age, and sex
 September 1969
 (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	68,554	1,734	11,891	54,940	5,292	551	1,189	1,921	519
16 to 19 years.....	5,349	331	437	4,581	48	52	227	18	116
16 and 17 years.....	2,113	255	119	1,740	22	31	131	9	88
18 and 19 years.....	3,236	77	319	2,841	26	21	96	9	28
20 to 24 years.....	8,942	73	1,403	7,465	151	15	134	56	27
25 to 34 years.....	14,631	157	2,578	11,896	752	75	214	220	75
35 to 44 years.....	14,186	228	2,526	11,432	1,155	127	208	319	114
45 to 54 years.....	14,299	323	2,885	11,091	1,417	171	176	433	94
55 to 64 years.....	9,005	370	1,748	6,886	1,197	82	155	480	70
55 to 59 years.....	5,508	197	1,085	4,226	688	46	87	227	43
60 to 64 years.....	3,497	173	663	2,660	509	36	68	253	27
65 years and over.....	2,143	240	314	1,589	572	28	75	393	22
Male	41,944	234	6,554	35,157	3,980	60	998	1,851	139
16 to 19 years.....	2,872	101	202	2,569	28	41	209	17	99
16 and 17 years.....	1,196	77	54	1,065	15	22	118	8	78
18 and 19 years.....	1,676	24	148	1,504	13	20	91	8	21
20 to 24 years.....	4,789	2	582	4,205	85	7	113	55	19
25 to 34 years.....	9,849	11	1,509	8,329	556	4	169	213	5
35 to 44 years.....	9,025	6	1,471	7,548	889	2	165	313	6
45 to 54 years.....	8,585	28	1,608	6,949	1,098	--	138	415	2
55 to 64 years.....	5,480	40	965	4,476	905	1	142	466	2
55 to 59 years.....	3,307	20	609	2,677	512	1	77	219	2
60 to 64 years.....	2,174	19	355	1,799	393	--	65	247	1
65 years and over.....	1,344	46	217	1,081	418	6	62	371	6
Female	26,610	1,490	5,337	19,783	1,311	490	191	70	380
16 to 19 years.....	2,477	231	235	2,012	20	11	18	2	17
16 and 17 years.....	917	178	64	675	7	9	12	1	10
18 and 19 years.....	1,560	53	171	1,336	12	1	5	1	7
20 to 24 years.....	4,153	71	822	3,260	65	8	21	1	8
25 to 34 years.....	4,782	146	1,069	3,567	196	71	44	7	70
35 to 44 years.....	5,161	222	1,055	3,884	265	125	43	6	108
45 to 54 years.....	5,714	295	1,276	4,142	318	172	39	19	92
55 to 64 years.....	3,524	330	784	2,410	293	82	13	14	68
55 to 59 years.....	2,201	176	476	1,549	176	45	10	8	41
60 to 64 years.....	1,323	154	308	861	116	36	3	6	27
65 years and over.....	799	195	97	508	154	22	13	21	17

HOUSEHOLD DATA

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					
	Sept. 1969	Sept. 1968	Total		Wage and salary workers ¹			
			Sept. 1969	Sept. 1968	Paid absence ²		Unpaid absence ²	
					Sept. 1969	Sept. 1968	Sept. 1969	Sept. 1968
Total	3,802	3,350	3,728	3,256	2,032	1,717	1,373	1,227
Vacation	2,026	1,778	2,010	1,768	1,558	1,348	323	308
Illness	1,125	1,008	1,096	965	381	325	614	540
Bad weather	16	24	7	15	--	--	--	--
Industrial dispute	74	92	74	91	--	--	--	--
All other reasons	561	448	541	417	93	44	436	379
Male	2,316	2,057	2,247	1,968	1,357	1,134	712	658
Vacation	1,294	1,127	1,280	1,116	1,047	885	157	159
Illness	677	630	650	586	245	223	351	316
All other reasons	345	300	317	266	65	26	204	183
Female	1,487	1,292	1,482	1,288	675	582	660	570
Vacation	732	651	731	652	511	463	166	149
Illness	448	378	446	379	135	101	262	225
All other reasons	307	263	305	257	28	18	232	196

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

September 1969

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	74,224	70,668	3,555	100.0	100.0	100.0
1-34 hours	14,646	13,668	980	19.7	19.3	27.6
1-4 hours	602	565	37	.8	.8	1.0
5-14 hours	3,075	2,837	239	4.1	4.0	6.7
15-29 hours	7,022	6,471	552	9.5	9.2	15.5
30-34 hours	3,947	3,795	152	5.3	5.4	4.3
35 hours and over	59,576	57,001	2,577	80.3	80.7	72.4
35-39 hours	5,164	4,997	167	7.0	7.1	4.7
40 hours	30,727	30,353	374	41.4	43.0	10.5
41 hours and over	23,685	21,651	2,036	31.9	30.6	57.2
41 to 48 hours	9,887	9,563	325	13.3	13.5	9.1
49 to 59 hours	7,363	6,905	459	9.9	9.8	12.9
60 hours and over	6,435	5,183	1,252	8.7	7.3	35.2
Average hours, total at work	40.5	40.1	47.9	--	--	--
Average hours, workers on full-time schedules	44.3	43.7	57.1	--	--	--

HOUSEHOLD DATA

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

September 1969

(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.....	14,646	4,608	10,039	13,668	4,353	9,315
Economic reasons.....	2,069	1,204	865	1,887	1,089	798
Slack work.....	997	772	225	855	661	194
Material shortages or repairs to plant and equipment.....	73	73	--	73	73	--
New job started during week.....	242	242	--	239	239	--
Job terminated during week.....	118	118	--	116	116	--
Could find only part-time work.....	640	--	640	604	--	604
Other reasons.....	12,579	3,405	9,174	11,781	3,265	8,516
Does not want, or unavailable for, full-time work.....	7,138	--	7,138	6,655	--	6,655
Vacation.....	486	486	--	468	468	--
Illness.....	1,460	1,200	260	1,352	1,158	194
Bad weather.....	222	222	--	180	180	--
Industrial dispute.....	37	37	--	37	37	--
Legal or religious holiday.....	386	386	--	385	385	--
Full time for this job.....	1,262	--	1,262	1,221	--	1,221
All other reasons.....	1,586	1,074	512	1,481	1,037	444
Average hours:						
Economic reasons.....	21.3	23.2	18.7	21.6	23.6	18.9
Other reasons.....	20.5	26.3	18.3	20.5	26.4	18.3
Worked 30 to 34 hours:						
Economic reasons.....	603	438	165	583	425	158
Other reasons.....	3,344	1,818	1,526	3,212	1,768	1,444

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

September 1969

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	12.1	85.2	54.6	13.5	17.1	40.1	43.7
Wage and salary workers.....	100.0	2.6	11.7	85.7	57.0	13.7	15.0	39.6	43.1
Construction.....	100.0	4.1	4.1	91.8	63.4	12.5	15.9	40.4	42.2
Manufacturing.....	100.0	2.4	3.1	94.5	62.5	17.5	14.5	41.6	42.8
Durable goods.....	100.0	1.6	2.1	96.3	62.5	18.9	14.9	42.2	43.0
Nondurable goods.....	100.0	3.7	4.4	91.9	62.6	15.5	13.8	40.8	42.5
Transportation and public utilities.....	100.0	2.2	5.6	92.1	60.3	13.7	18.1	42.1	43.9
Wholesale and retail trade.....	100.0	3.0	23.0	74.0	42.3	14.4	17.3	37.9	44.4
Finance, insurance, and real estate.....	100.0	1.2	9.0	89.7	66.2	9.2	14.3	39.6	41.9
Service industries.....	100.0	3.0	20.5	76.4	51.9	10.5	14.0	37.1	43.2
Private households.....	100.0	12.2	49.8	38.0	23.8	6.2	8.0	25.6	44.4
All other service.....	100.0	2.0	17.2	80.9	55.2	11.0	14.7	38.4	43.1
Public administration.....	100.0	1.0	4.6	94.3	73.5	9.8	11.0	40.6	41.9
Self-employed workers.....	100.0	3.2	13.8	83.1	27.9	11.9	43.3	45.9	51.8
Unpaid family workers.....	100.0	2.2	40.1	57.7	22.7	12.3	22.7	38.3	49.9

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

HOUSEHOLD DATA

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

September 1969

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
TOTAL								
Total, 16 years and over.....	70,668	1,887	8,516	60,265	38,614	21,651	40.1	43.7
16 to 21 years	8,635	401	2,770	5,464	4,211	1,253	31.9	41.0
16 to 19 years	5,334	288	2,364	2,682	2,074	608	28.2	40.6
16 and 17 years	2,134	87	1,654	393	307	86	19.0	39.1
18 and 19 years	3,201	201	709	2,291	1,769	522	34.4	40.8
20 years and over	65,334	1,600	6,153	57,581	36,538	21,043	41.0	43.9
20 to 24 years	8,715	242	799	7,674	5,467	2,207	39.4	42.1
25 years and over	56,618	1,357	5,354	49,907	31,073	18,834	41.3	44.1
25 to 44 years	29,563	633	2,275	26,655	15,983	10,672	42.1	44.5
45 to 64 years	24,533	657	2,117	21,759	14,139	7,620	41.1	43.7
65 years and over	2,522	66	962	1,494	949	545	33.1	44.4
Males, 16 years and over								
16 to 21 years	4,440	214	1,509	2,717	1,851	866	32.4	42.4
16 to 19 years	2,874	151	1,329	1,394	984	410	28.6	41.7
16 and 17 years	1,211	57	945	209	162	47	19.4	38.9
18 and 19 years	1,663	95	384	1,184	822	362	35.3	42.2
20 years and over	40,864	767	1,418	38,679	21,756	16,923	44.0	45.3
20 to 24 years	4,703	128	331	4,244	2,585	1,659	41.6	43.9
25 years and over	36,161	639	1,086	34,436	19,172	15,264	44.3	45.5
25 to 44 years	19,493	295	212	18,986	10,017	8,969	45.4	46.0
45 to 64 years	15,045	297	339	14,409	8,525	5,884	43.8	44.8
65 years and over	1,623	45	536	1,042	633	409	34.8	44.9
Females, 16 years and over								
16 to 21 years	4,195	187	1,260	2,748	2,359	389	31.4	39.6
16 to 19 years	2,461	136	1,035	1,290	1,093	197	27.9	39.4
16 and 17 years	923	31	709	183	145	38	18.5	39.3
18 and 19 years	1,538	106	326	1,106	946	160	33.5	39.4
20 years and over	24,469	833	4,735	18,901	14,781	4,120	36.1	40.9
20 to 24 years	4,012	114	467	3,431	2,882	549	36.9	39.8
25 years and over	20,457	718	4,268	15,471	11,898	3,573	36.0	41.2
25 to 44 years	10,071	337	2,063	7,671	5,970	1,701	35.8	40.8
45 to 64 years	9,488	359	1,778	7,351	5,616	1,735	36.8	41.4
65 years and over	899	21	427	451	315	136	29.9	43.3
COLOR								
Total White	63,078	1,440	7,718	53,920	33,805	20,115	40.3	44.0
Male	39,484	719	2,511	36,254	20,002	16,252	43.2	45.5
Female	23,594	721	5,207	17,666	13,804	3,862	35.4	40.9
Total Nonwhite	7,590	447	798	6,345	4,809	1,536	38.1	41.6
Male	4,254	199	235	3,820	2,739	1,081	40.3	42.6
Female	3,336	248	563	2,525	2,070	455	35.3	40.2
MARITAL STATUS								
Male:								
Married, wife present	34,281	514	932	32,835	17,900	14,935	44.5	45.6
Widowed, divorced, or separated	2,282	95	167	2,020	1,268	752	41.5	44.4
Single (never married)	7,175	310	1,647	5,218	3,571	1,647	35.9	43.0
Female:								
Married, husband present	15,868	546	3,604	11,718	9,271	2,447	35.3	40.7
Widowed, divorced, or separated	5,173	215	850	4,108	3,070	1,038	36.9	41.5
Single (never married)	5,689	208	1,315	4,366	3,533	833	34.3	40.5

HOUSEHOLD DATA

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

September 1969

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	12.1	85.2	54.6	30.6
16 to 21 years.....	100.0	4.6	32.1	63.3	48.8	14.5
16 to 19 years.....	100.0	5.4	44.3	50.3	38.9	11.4
16 and 17 years.....	100.0	4.1	77.5	18.4	14.4	4.0
18 and 19 years.....	100.0	6.3	22.1	71.6	55.3	16.3
20 years and over.....	100.0	2.4	9.4	88.1	55.9	32.2
20 to 24 years.....	100.0	2.8	9.2	88.0	62.7	25.3
25 years and over.....	100.0	2.4	9.5	88.2	54.9	33.3
25 to 44 years.....	100.0	2.1	7.7	90.2	54.1	36.1
45 to 64 years.....	100.0	2.7	8.6	88.7	57.6	31.1
65 years and over.....	100.0	2.6	38.1	59.2	37.6	21.6
Males, 16 years and over.....	100.0	2.1	6.3	91.6	52.0	39.6
16 to 21 years.....	100.0	4.8	34.0	61.2	41.7	19.5
16 and 19 years.....	100.0	5.3	46.2	48.5	34.2	14.3
16 and 17 years.....	100.0	4.7	78.0	17.3	13.4	3.9
18 and 19 years.....	100.0	5.7	23.1	71.2	49.4	21.8
20 years and over.....	100.0	1.9	3.5	94.6	53.2	41.4
20 to 24 years.....	100.0	2.7	7.0	90.3	55.0	35.3
25 years and over.....	100.0	1.8	3.0	95.2	53.0	42.2
25 to 44 years.....	100.0	1.5	1.1	97.4	51.4	46.0
45 to 64 years.....	100.0	2.0	2.3	95.8	56.7	39.1
65 years and over.....	100.0	2.8	33.0	64.2	39.0	25.2
Females, 16 years and over.....	100.0	3.6	21.4	74.9	58.9	16.0
16 to 21 years.....	100.0	4.5	30.0	65.5	56.2	9.3
16 to 19 years.....	100.0	5.5	42.1	52.4	44.4	8.0
16 and 17 years.....	100.0	3.4	76.8	19.8	15.7	4.1
18 and 19 years.....	100.0	6.9	21.2	71.9	61.5	10.4
20 years and over.....	100.0	3.4	19.4	77.2	60.4	16.8
20 to 24 years.....	100.0	2.8	11.6	85.5	71.8	13.7
25 years and over.....	100.0	3.5	20.9	75.7	58.2	17.5
25 to 44 years.....	100.0	3.3	20.5	76.2	59.3	16.9
45 to 64 years.....	100.0	3.8	18.7	77.5	59.2	18.3
65 years and over.....	100.0	2.3	47.5	50.1	35.0	15.1
COLOR						
Total White.....	100.0	2.3	12.2	85.5	53.6	31.9
Male.....	100.0	1.8	6.4	91.9	50.7	41.2
Female.....	100.0	3.1	22.1	74.9	58.5	16.4
Total Nonwhite.....	100.0	5.9	10.5	83.6	63.4	20.2
Male.....	100.0	4.7	5.5	89.8	64.4	25.4
Female.....	100.0	7.4	16.9	75.7	62.1	13.6
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.5	2.7	95.8	52.2	43.6
Widowed, divorced, or separated.....	100.0	4.2	7.3	88.6	55.6	33.0
Single (never married).....	100.0	4.3	23.0	72.8	49.8	23.0
Female:						
Married, husband present.....	100.0	3.4	22.7	73.8	58.4	15.4
Widowed, divorced, or separated.....	100.0	4.2	16.4	79.4	59.3	20.1
Single (never married).....	100.0	3.5	22.3	74.1	60.0	14.1

HOUSEHOLD DATA

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

September 1969

Occupation 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.....	34,807	440	4,165	30,202	19,085	4,197	6,920	40.9	44.2
Professional and technical.....	10,131	75	898	9,158	5,710	1,326	2,122	41.7	44.2
Managers, officials, and proprietors.....	7,709	84	280	7,345	2,950	1,153	3,242	48.1	49.5
Clerical workers.....	12,591	198	1,942	10,451	8,576	1,216	659	36.8	40.4
Sales workers.....	4,377	82	1,044	3,251	1,851	502	898	38.1	44.8
Blue-collar workers.....	27,325	1,041	1,797	24,487	15,640	4,559	4,288	40.8	43.3
Craftsmen and foremen.....	9,819	187	311	9,321	5,702	1,831	1,788	42.4	43.6
Operatives.....	13,954	597	855	12,502	8,071	2,327	2,104	40.9	43.3
Nonfarm laborers.....	3,553	257	632	2,664	1,867	402	395	35.8	42.0
Service workers.....	8,861	416	2,614	5,831	4,008	850	973	34.5	43.2
Private household.....	1,445	171	708	566	361	96	109	26.1	44.0
Other service workers.....	7,416	244	1,906	5,266	3,647	755	864	36.1	43.1
MALE									
White-collar workers.....	18,607	167	884	17,556	8,969	2,756	5,831	45.2	46.8
Professional and technical.....	6,444	35	275	6,134	3,588	857	1,689	44.1	45.4
Managers, officials, and proprietors.....	6,479	73	140	6,266	2,319	996	2,951	49.2	50.2
Clerical workers.....	3,145	35	219	2,891	1,991	523	377	40.5	42.4
Sales workers.....	2,539	25	250	2,264	1,069	381	814	43.5	46.6
Blue-collar workers.....	22,383	693	1,323	20,367	12,367	3,911	4,089	41.6	43.9
Craftsmen and foremen.....	9,441	179	259	9,003	5,468	1,772	1,763	42.6	43.7
Operatives.....	9,530	267	463	8,800	5,106	1,757	1,937	42.7	44.6
Nonfarm laborers.....	3,412	247	601	2,564	1,793	382	389	35.9	42.1
Service workers.....	3,012	66	578	2,368	1,494	352	522	39.0	45.0
Private household.....	41	2	17	22	15	6	1	29.3	42.7
Other service workers.....	2,970	65	561	2,344	1,478	346	520	39.1	45.0
FEMALE									
White-collar workers.....	16,201	272	3,281	12,648	10,119	1,440	1,089	36.0	40.7
Professional and technical.....	3,687	40	624	3,023	2,121	469	433	37.5	41.8
Managers, officials, and proprietors.....	1,230	11	141	1,078	630	157	291	42.6	45.7
Clerical workers.....	9,445	164	1,723	7,558	6,581	694	283	35.6	39.6
Sales workers.....	1,838	57	794	987	782	121	84	30.7	40.6
Blue-collar workers.....	4,942	348	474	4,120	3,274	648	198	37.1	40.1
Craftsmen and foremen.....	378	10	52	316	233	58	25	37.8	41.3
Operatives.....	4,424	329	392	3,703	2,966	570	167	37.1	40.0
Nonfarm laborers.....	140	10	31	99	73	20	6	33.9	40.1
Service workers.....	5,849	350	2,036	3,463	2,514	498	451	32.2	42.0
Private household.....	1,403	172	691	540	342	90	108	26.0	44.0
Other service workers.....	4,446	178	1,345	2,923	2,172	408	343	34.1	41.6

HOUSEHOLD DATA

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

September 1969

Occupation group and sex	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	1.3	12.0	86.8	54.8	12.1	19.9
Professional and technical	100.0	.7	8.9	90.4	56.4	13.1	20.9
Managers, officials, and proprietors	100.0	1.1	3.6	95.4	38.3	15.0	42.1
Clerical workers	100.0	1.6	15.4	83.0	68.1	9.7	5.2
Sales workers	100.0	1.9	23.9	74.3	42.3	11.5	20.5
Blue-collar workers	100.0	3.8	6.6	89.6	57.2	16.7	15.7
Craftsmen and foremen	100.0	1.9	3.2	94.9	58.1	18.6	18.2
Operatives	100.0	4.3	6.1	89.6	57.8	16.7	15.1
Nonfarm laborers	100.0	7.2	17.8	74.9	52.5	11.3	11.1
Service workers	100.0	4.7	29.5	65.8	45.2	9.6	11.0
Private household	100.0	11.8	49.0	39.1	25.0	6.6	7.5
Other service workers	100.0	3.3	25.7	71.1	49.2	10.2	11.7
MALE							
White-collar workers	100.0	.9	4.8	94.3	48.2	14.8	31.3
Professional and technical	100.0	.5	4.3	95.2	55.7	13.3	26.2
Managers, officials, and proprietors	100.0	1.1	2.2	96.7	35.8	15.4	45.5
Clerical workers	100.0	1.1	7.0	91.9	63.3	16.6	12.0
Sales workers	100.0	1.0	9.8	89.2	42.1	15.0	32.1
Blue-collar workers	100.0	3.1	5.9	91.1	55.3	17.5	18.3
Craftsmen and foremen	100.0	1.9	2.7	95.4	57.9	18.8	18.7
Operatives	100.0	2.8	4.9	92.3	53.6	18.4	20.3
Nonfarm laborers	100.0	7.2	17.6	75.1	52.5	11.2	11.4
Service workers	100.0	2.2	19.2	78.6	49.6	11.7	17.3
Private household	100.0	4.9	41.5	53.6	36.6	14.6	2.4
Other service workers	100.0	2.2	18.9	78.9	49.8	11.6	17.5
FEMALE							
White-collar workers	100.0	1.7	20.3	78.1	62.5	8.9	6.7
Professional and technical	100.0	1.1	16.9	81.9	57.5	12.7	11.7
Managers, officials, and proprietors	100.0	.9	11.5	87.7	51.2	12.8	23.7
Clerical workers	100.0	1.7	18.2	80.0	69.7	7.3	3.0
Sales workers	100.0	3.1	43.2	53.7	42.5	6.6	4.6
Blue-collar workers	100.0	7.0	9.6	83.3	66.2	13.1	4.0
Craftsmen and foremen	100.0	2.6	13.8	83.5	61.6	15.3	6.6
Operatives	100.0	7.4	8.9	83.7	67.0	12.9	3.8
Nonfarm laborers	100.0	7.1	22.1	70.7	52.1	14.3	4.3
Service workers	100.0	6.0	34.8	59.2	43.0	8.5	7.7
Private household	100.0	12.3	49.3	38.5	24.4	6.4	7.7
Other service workers	100.0	4.0	30.3	65.8	48.9	9.2	7.7

HOUSEHOLD DATA

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

September 1969

(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,876	3,991	3,885	6,773	3,443	3,330	1,103	548	555
Civilian labor force.....	1,221	723	497	1,150	688	461	71	35	36
Employed.....	1,159	699	460	1,095	664	430	64	34	30
Agriculture.....	172	143	29	163	138	25	10	5	4
Nonagricultural industries.....	986	556	431	932	527	405	54	29	25
Unemployed.....	62	24	37	55	24	31	7	1	6
Not in labor force.....	6,655	3,268	3,388	5,623	2,755	2,868	1,032	513	519
Keeping house.....	73	9	64	62	10	52	11	--	12
Going to school.....	6,201	3,055	3,146	5,241	2,575	2,666	960	480	480
Unable to work.....	7	2	5	3	2	1	4	--	4
All other reasons.....	374	202	172	317	168	149	57	34	23

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

September 1969

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,159	699	460	100.0	100.0	100.0
Nonagricultural industries.....	986	556	431	85.2	79.5	93.5
Wage and salary workers.....	918	495	423	79.2	70.9	91.8
Private household workers.....	451	146	305	38.9	20.9	66.2
Government workers.....	18	13	5	1.6	1.9	1.1
Other wage and salary workers.....	449	336	113	38.7	48.1	24.5
Self-employed workers.....	62	57	4	5.3	8.2	.9
Unpaid family workers.....	7	3	4	.6	.4	.9
Agriculture.....	172	143	29	14.8	20.5	6.5
Wage and salary workers.....	79	67	12	6.8	9.6	2.6
Self-employed workers.....	17	15	2	1.5	2.1	.4
Unpaid family workers.....	76	61	16	6.6	8.7	3.5
OCCUPATION						
Total.....	1,159	699	460	100.0	100.0	100.0
White-collar workers.....	253	204	49	21.9	29.1	10.7
Professional and technical.....	9	2	7	.8	.3	1.5
Managers, officials, and proprietors.....	2	2	--	.2	.3	--
Clerical workers.....	35	14	20	3.0	2.0	4.3
Sales workers.....	208	185	22	18.0	26.5	4.8
Blue-collar workers.....	287	282	4	24.7	40.5	.9
Craftsmen and foremen.....	15	15	1	1.3	2.1	.2
Operatives.....	47	45	2	4.1	6.4	.4
Nonfarm laborers.....	224	223	1	19.3	31.9	.2
Service workers.....	469	88	380	40.4	12.6	82.6
Private household workers.....	315	8	307	27.2	1.1	66.7
Other service workers.....	153	80	73	13.2	11.5	15.9
Farm workers.....	151	124	26	13.0	17.8	5.9
Farmers and farm managers.....	3	3	1	.3	.4	.2
Farm laborers and foremen.....	147	121	26	12.7	17.3	5.7

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	1969									1968			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Total													
Total labor force	84,902	84,584	84,277	83,957	83,593	83,966	83,999	83,831	83,351	82,868	82,559	82,403	82,438
Civilian labor force	81,359	81,054	80,756	80,433	80,071	80,450	80,495	80,356	79,874	79,368	79,042	78,800	78,847
Employed	78,127	78,187	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388	76,002	76,000
Agriculture	3,458	3,634	3,551	3,705	3,805	3,664	3,732	3,881	3,752	3,842	3,706	3,525	3,651
Nonagricultural industries	74,669	74,553	74,323	73,966	73,460	73,941	74,035	73,848	73,477	72,923	72,682	72,477	72,349
On part time for economic reasons	1,982	2,001	1,795	1,874	1,688	1,670	1,801	1,638	1,605	1,673	1,711	1,687	1,743
Usually work full time	1,091	1,065	881	1,030	862	858	979	870	805	872	852	907	974
Usually work part time	891	936	914	844	826	812	822	768	800	801	859	780	769
Unemployed	3,232	2,867	2,882	2,762	2,806	2,845	2,728	2,627	2,645	2,603	2,654	2,798	2,847
Men, 20 years and over													
Total labor force	49,624	49,552	49,389	49,304	49,267	49,286	49,378	49,336	49,189	49,132	48,926	48,911	48,981
Civilian labor force	46,568	46,507	46,322	46,206	46,171	46,195	46,297	46,280	46,131	46,093	45,871	45,782	45,863
Employed	45,442	45,551	45,293	45,260	45,227	45,285	45,422	45,422	45,231	45,254	44,940	44,773	44,858
Agriculture	2,570	2,693	2,646	2,676	2,731	2,681	2,706	2,732	2,680	2,763	2,753	2,656	2,711
Nonagricultural industries	42,872	42,858	42,647	42,584	42,496	42,604	42,716	42,690	42,551	42,491	42,187	42,117	42,147
Unemployed	1,126	956	1,029	946	944	910	875	858	900	839	931	1,009	1,005
Women, 20 years and over													
Civilian labor force	27,686	27,677	27,511	27,262	27,049	27,205	27,189	27,230	26,950	26,737	26,630	26,480	26,394
Employed	26,519	26,622	26,505	26,251	26,046	26,169	26,228	26,264	25,999	25,802	25,702	25,495	25,375
Agriculture	511	578	540	617	627	609	638	731	691	722	621	541	550
Nonagricultural industries	26,008	26,044	25,965	25,634	25,419	25,560	25,590	25,533	25,308	25,080	25,081	24,954	24,825
Unemployed	1,167	1,055	1,006	1,011	1,003	1,036	961	966	951	935	928	985	1,019
Both sexes, 16-19 years													
Civilian labor force	7,105	6,870	6,923	6,965	6,851	7,050	7,009	6,846	6,793	6,538	6,541	6,538	6,590
Employed	6,166	6,014	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746	5,734	5,767
Agriculture	377	363	365	412	447	374	388	418	381	357	332	328	390
Nonagricultural industries	5,789	5,651	5,711	5,748	5,545	5,777	5,729	5,625	5,618	5,352	5,414	5,406	5,377
Unemployed	939	856	847	805	859	899	892	803	794	829	795	804	823

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 will not necessarily add to totals.

Table 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	1969									1968			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Full time													
Total, 16 years and over:													
Civilian labor force	70,271	70,108	69,818	69,434	69,177	69,389	69,332	69,427	67,918	68,809	68,556	68,310	68,237
Employed	67,914	67,948	67,653	67,269	67,042	67,167	67,287	67,390	65,860	66,902	66,548	66,249	66,143
Unemployed	2,357	2,160	2,165	2,165	2,136	2,222	2,045	2,037	2,058	1,907	2,008	2,061	2,094
Unemployment rate	3.4	3.1	3.1	3.1	3.1	3.2	2.9	2.9	3.0	2.8	2.9	3.0	3.1
Men, 20 years and over:													
Civilian labor force	44,470	44,306	44,201	44,129	44,090	44,093	44,166	44,218	43,177	44,064	43,870	43,818	43,853
Employed	43,481	43,472	43,303	43,255	43,246	43,251	43,376	43,465	42,367	43,319	43,030	42,905	42,949
Unemployed	989	834	898	874	844	842	790	753	810	745	840	913	904
Unemployment rate	2.2	1.9	2.0	2.0	1.9	1.9	1.8	1.7	1.9	1.7	1.9	2.1	2.1
Women, 20 years and over:													
Civilian labor force	21,852	21,992	21,781	21,558	21,489	21,562	21,527	21,523	21,139	21,201	21,126	20,960	20,739
Employed	20,992	21,125	20,984	20,722	20,681	20,710	20,726	20,735	20,423	20,460	20,378	20,240	20,013
Unemployed	860	867	797	836	808	852	801	788	716	741	748	720	726
Unemployment rate	3.9	3.9	3.7	3.9	3.8	4.0	3.7	3.7	3.4	3.5	3.5	3.4	3.5
Part time													
Total, 16 years and over:													
Civilian labor force	11,066	10,978	10,885	10,914	10,764	10,984	10,994	10,815	11,075	10,681	10,566	10,458	10,602
Employed	10,296	10,236	10,185	10,342	10,078	10,323	10,322	10,187	10,403	9,953	9,895	9,824	9,938
Unemployed	770	742	700	572	686	661	672	628	672	728	671	634	664
Unemployment rate	7.0	6.8	6.4	5.2	6.4	6.0	6.1	5.8	6.1	6.8	6.4	6.1	6.3

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.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-31: Employment status by color, sex, and age, seasonally adjusted
(In thousands)

Characteristics	1969									1968			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
White													
Total:													
Civilian labor force	72,288	71,837	71,657	71,437	71,137	71,589	71,688	71,475	71,101	70,669	70,444	70,050	70,133
Employed	69,690	69,548	69,350	69,275	68,915	69,366	69,494	69,376	68,984	68,584	68,332	67,899	67,878
Unemployed	2,598	2,289	2,307	2,162	2,222	2,223	2,194	2,099	2,117	2,088	2,112	2,151	2,255
Unemployment rate	3.6	3.2	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0	3.1	3.2
Males, 20 years and over:													
Civilian labor force	41,972	41,876	41,704	41,614	41,547	41,674	41,765	41,749	41,601	41,618	41,384	41,282	41,360
Employed	41,044	41,093	40,850	40,835	40,759	40,938	41,029	41,038	40,878	40,943	40,616	40,474	40,537
Unemployed	928	783	854	779	788	736	736	711	723	675	768	808	823
Unemployment rate	2.2	1.9	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.9	2.0	2.0
Females, 20 years and over:													
Civilian labor force	24,003	23,953	23,866	23,686	23,530	23,656	23,681	23,656	23,466	23,208	23,230	22,976	22,923
Employed	23,093	23,112	23,084	22,885	22,750	22,877	22,936	22,879	22,683	22,476	22,480	22,227	22,129
Unemployed	910	841	782	801	780	779	745	777	783	732	750	749	794
Unemployment rate	3.8	3.5	3.3	3.4	3.3	3.3	3.1	3.3	3.3	3.2	3.2	3.3	3.5
Both sexes, 16 to 19 years:													
Civilian labor force	6,313	6,008	6,087	6,137	6,060	6,259	6,242	6,070	6,034	5,843	5,830	5,792	5,850
Employed	5,553	5,343	5,416	5,555	5,406	5,551	5,529	5,459	5,423	5,162	5,236	5,198	5,212
Unemployed	760	665	671	582	654	708	713	611	611	681	594	594	638
Unemployment rate	12.0	11.1	11.0	9.5	10.8	11.3	11.4	10.1	10.1	11.7	10.2	10.3	10.9
Nonwhite													
Total:													
Civilian labor force	8,910	9,114	8,928	8,879	8,790	8,892	8,952	8,946	8,942	8,855	8,689	8,629	8,578
Employed	8,300	8,520	8,353	8,255	8,221	8,276	8,416	8,435	8,402	8,323	8,120	7,997	8,012
Unemployed	609	594	575	624	569	616	536	511	540	532	569	632	566
Unemployment rate	6.8	6.5	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5	7.3	6.6
Males, 20 years and over:													
Civilian labor force	4,594	4,626	4,574	4,567	4,551	4,516	4,566	4,563	4,559	4,544	4,509	4,466	4,505
Employed	4,401	4,456	4,402	4,384	4,395	4,347	4,422	4,417	4,384	4,387	4,341	4,258	4,328
Unemployed	193	170	172	183	156	169	144	146	175	157	168	208	177
Unemployment rate	4.2	3.7	3.8	4.0	3.4	3.7	3.2	3.2	3.8	3.5	3.7	4.7	3.9
Females, 20 years and over:													
Civilian labor force	3,562	3,658	3,555	3,526	3,469	3,579	3,559	3,583	3,561	3,534	3,445	3,424	3,369
Employed	3,326	3,422	3,330	3,310	3,270	3,320	3,346	3,394	3,384	3,330	3,242	3,215	3,162
Unemployed	236	236	225	216	199	259	213	189	177	204	203	209	207
Unemployment rate	6.6	6.5	6.3	6.1	5.7	7.2	6.0	5.3	5.0	5.8	5.9	6.1	6.1
Both sexes, 16 to 19 years:													
Civilian labor force	754	830	799	786	770	797	827	800	822	777	735	739	704
Employed	573	642	621	561	556	609	648	624	634	606	537	524	522
Unemployed	180	188	178	225	214	188	179	176	188	171	198	215	182
Unemployment rate	24.0	22.7	22.3	28.6	27.8	23.6	21.6	22.0	22.9	22.0	26.9	29.1	25.9

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-32: Major unemployment indicators, seasonally adjusted

Selected categories	(Unemployment rates)												
	1969										1968		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Total (all civilian workers)	4.0	3.5	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6
Men, 20 years and over	2.4	2.1	2.2	2.0	2.0	2.0	1.9	1.9	2.0	1.8	2.0	2.2	2.2
Women, 20 years and over	4.2	3.8	3.7	3.7	3.7	3.8	3.5	3.5	3.5	3.5	3.5	3.7	3.9
Both sexes, 16-19 years	13.2	12.5	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	12.3	12.5
White workers	3.6	3.2	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0	3.1	3.2
Nonwhite workers	6.8	6.5	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5	7.3	6.6
Married men	1.7	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.6	1.6	1.6
Full-time workers	3.4	3.1	3.1	3.1	3.1	3.2	2.9	2.8	2.9	2.7	3.0	3.0	3.0
Part-time workers	7.0	6.8	6.4	5.2	6.4	6.0	6.1	5.8	6.1	6.8	6.4	6.1	6.3
Unemployed 15 weeks and over ¹ . . . . .	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5
State insured ²	2.2	2.1	2.2	2.1	2.0	2.1	2.1	2.2	2.1	2.0	2.2	2.1	2.2
Labor force time lost ³	4.4	4.1	4.1	3.9	3.5	3.7	3.7	3.6	3.6	3.6	3.8	3.9	4.0
Occupation													
White-collar workers	2.2	2.2	2.2	2.1	1.9	1.8	2.0	1.9	1.9	1.9	2.0	2.0	2.0
Professional and technical	1.5	1.3	1.5	1.3	1.4	1.1	1.2	1.1	.9	1.1	1.1	1.3	1.3
Managers, officials, and proprietors	1.1	1.0	.8	1.0	.9	.8	.9	.9	1.1	.9	1.0	1.2	1.0
Clerical workers	3.3	3.3	3.2	3.0	2.8	2.4	3.1	2.7	3.0	2.7	3.1	2.6	3.1
Sales workers	2.8	2.9	3.3	2.9	2.6	3.3	2.9	3.3	2.6	2.9	2.5	3.2	2.5
Blue-collar workers	4.4	3.8	3.8	3.7	3.8	4.1	3.7	3.6	3.8	3.6	3.9	4.0	4.1
Craftsmen and foremen	2.6	2.2	1.9	1.9	2.4	2.2	2.2	2.1	2.1	1.9	2.3	2.2	2.4
Operatives	4.8	4.1	4.2	4.3	4.0	4.6	3.9	4.2	4.2	4.2	4.3	4.3	4.5
Nonfarm laborers	7.7	6.9	7.5	5.9	6.4	6.8	7.0	5.5	6.6	6.1	6.8	7.3	6.9
Service workers	4.9	4.5	4.3	4.5	4.2	4.5	3.8	3.8	4.2	4.2	4.2	4.7	4.4
Farm workers	2.0	2.0	2.9	2.0	1.7	1.9	2.1	1.1	1.5	1.7	1.3	2.0	2.3
Industry													
Private wage and salary workers ⁴	4.0	3.6	3.6	3.5	3.5	3.6	3.4	3.3	3.4	3.3	3.4	3.6	3.6
Construction	7.6	7.4	5.7	5.0	5.5	6.2	6.2	5.5	5.5	5.4	6.5	6.0	5.7
Manufacturing	3.7	2.9	3.2	3.3	3.1	3.2	3.1	2.9	3.2	2.8	3.2	3.4	3.3
Durable goods	3.3	2.3	3.2	3.3	2.9	3.0	2.7	2.4	2.7	2.6	3.1	3.2	3.1
Nondurable goods	4.4	3.8	3.2	3.3	3.4	3.4	3.7	3.6	3.9	3.3	3.3	3.6	3.6
Transportation and public utilities	2.0	2.0	1.9	1.9	2.8	2.3	2.4	1.8	1.8	1.6	2.1	2.2	2.6
Wholesale and retail trade	4.7	4.4	4.1	4.2	3.9	4.2	3.8	3.9	3.8	4.1	3.9	4.0	4.0
Finance and service industries	3.5	3.5	3.7	3.2	3.4	3.3	2.9	3.1	3.1	3.2	3.0	3.4	3.3
Government wage and salary workers	1.9	1.9	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.7	1.8	1.7	2.0
Agricultural wage and salary workers	7.4	7.0	9.1	5.5	4.9	5.7	5.9	4.1	5.8	5.7	4.5	5.8	7.6

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

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1969									1968			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Less than 5 weeks	1,818	1,636	1,677	1,591	1,777	1,724	1,646	1,436	1,476	1,363	1,576	1,542	1,631
5 to 14 weeks	1,000	861	830	813	629	737	757	829	741	825	785	892	811
15 weeks and over	389	382	419	383	409	393	355	346	316	322	348	381	373
15 to 26 weeks	233	244	244	258	278	254	237	237	193	177	221	253	235
27 weeks and over	156	138	175	125	131	139	118	109	123	145	127	128	138

A-34: Rates of unemployment by age and sex, seasonally adjusted

Age and sex	1969									1968			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Total, 16 years and over	4.0	3.5	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6
16 to 19 years	13.2	12.5	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	12.3	12.5
16 and 17 years	16.7	16.1	14.7	13.4	13.8	14.5	14.0	13.1	13.5	15.0	13.7	14.6	14.4
18 and 19 years	10.8	9.9	10.4	10.0	11.8	11.5	11.6	11.1	10.5	10.9	10.5	10.8	11.2
20 to 24 years	6.7	5.4	5.9	5.3	5.4	5.7	5.3	5.5	5.2	5.3	5.9	6.1	5.9
25 years and over	2.5	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.2	2.3
25 to 54 years	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.0	2.2	2.0	2.2	2.3	2.3
55 years and over	2.3	2.0	2.1	2.0	1.7	2.0	1.9	2.0	1.9	2.1	2.1	2.1	2.1
Males, 16 years and over	3.2	2.7	3.0	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.7	2.9	2.8
16 to 19 years	12.1	11.1	12.0	10.4	11.0	11.4	11.5	11.0	11.8	11.6	11.3	11.7	10.9
16 and 17 years	15.0	15.7	14.7	12.7	13.9	12.6	12.9	12.5	13.2	14.2	13.7	14.1	12.9
18 and 19 years	9.6	7.6	10.0	8.3	8.8	10.4	10.2	9.5	10.6	9.5	8.6	10.0	9.3
20 to 24 years	6.3	4.5	5.5	4.8	4.8	4.7	4.5	4.9	5.0	4.2	4.7	5.7	5.2
25 years and over	1.9	1.7	1.8	1.6	1.7	1.6	1.6	1.5	1.6	1.5	1.7	1.8	1.8
25 to 54 years	1.8	1.7	1.7	1.6	1.8	1.6	1.5	1.4	1.5	1.4	1.7	1.7	1.7
55 years and over	2.0	2.0	2.0	1.8	1.6	1.7	1.8	1.7	1.9	1.9	2.0	2.0	2.1
Females, 16 years and over	5.3	4.9	4.6	4.7	4.8	4.9	4.6	4.5	4.3	4.5	4.4	4.6	4.9
16 to 19 years	14.6	14.1	12.5	12.9	14.5	14.5	14.3	12.7	11.6	14.1	13.3	13.1	14.4
16 and 17 years	19.2	16.7	14.8	14.3	13.5	16.9	15.6	13.9	14.0	16.2	13.7	15.3	16.6
18 and 19 years	12.1	12.3	10.8	11.9	15.2	12.7	13.3	13.0	10.4	12.6	12.8	11.8	13.3
20 to 24 years	7.1	6.4	6.3	5.9	6.1	6.8	6.3	6.1	5.5	6.5	7.2	6.6	6.8
25 years and over	3.5	3.3	3.2	3.3	3.1	3.2	3.0	3.1	3.2	2.9	2.9	3.1	3.1
25 to 54 years	3.7	3.6	3.5	3.6	3.4	3.6	3.3	3.2	3.4	3.1	3.1	3.3	3.5
55 years and over	2.7	2.1	2.3	2.3	1.8	2.4	1.9	2.5	1.9	2.4	2.5	2.4	2.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-35: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1969										1968		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Total													
16 years and over	78,127	78,187	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388	76,002	76,000
16 to 19 years	6,166	6,014	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746	5,734	5,767
16 and 17 years	2,601	2,457	2,509	2,548	2,512	2,652	2,660	2,570	2,524	2,394	2,373	2,366	2,373
18 and 19 years	3,546	3,526	3,509	3,594	3,443	3,518	3,533	3,492	3,527	3,364	3,387	3,370	3,374
20 to 24 years	9,408	9,493	9,365	9,384	9,176	9,237	9,222	9,165	9,026	8,955	8,914	8,827	8,832
25 years and over	62,538	62,671	62,387	62,096	62,101	62,203	62,416	62,552	62,217	62,121	61,777	61,438	61,384
25 to 54 years	48,416	48,471	48,259	48,047	48,056	48,106	48,326	48,466	48,366	48,127	47,811	47,517	47,551
55 years and over	14,089	14,156	14,022	13,954	13,992	14,131	14,160	14,113	13,973	14,016	13,931	13,846	13,810
Male													
16 years and over	48,939	48,864	48,638	48,653	48,609	48,766	48,919	48,875	48,686	48,579	48,235	48,030	48,120
16 to 19 years	3,497	3,313	3,345	3,393	3,382	3,481	3,497	3,453	3,455	3,325	3,295	3,257	3,262
16 and 17 years	1,588	1,445	1,482	1,496	1,472	1,559	1,608	1,557	1,532	1,463	1,444	1,439	1,442
18 and 19 years	1,908	1,850	1,822	1,894	1,874	1,923	1,937	1,919	1,950	1,890	1,864	1,836	1,816
20 to 24 years	5,074	5,125	5,037	5,061	5,005	4,977	4,923	4,887	4,814	4,921	4,830	4,790	4,819
25 years and over	40,373	40,429	40,236	40,191	40,215	40,298	40,494	40,568	40,407	40,356	40,091	39,978	40,042
25 to 54 years	31,267	31,336	31,263	31,207	31,185	31,216	31,393	31,466	31,422	31,339	31,083	30,984	31,042
55 years and over	9,091	9,068	8,954	8,936	9,003	9,084	9,127	9,111	9,062	9,040	9,010	8,972	8,989
Female													
16 years and over	29,188	29,323	29,236	29,018	28,656	28,839	28,848	28,854	28,543	28,186	28,153	27,972	27,880
16 to 19 years	2,669	2,701	2,731	2,767	2,610	2,670	2,620	2,590	2,544	2,384	2,451	2,477	2,505
16 and 17 years	1,013	1,012	1,027	1,052	1,040	1,093	1,052	1,013	992	931	929	927	931
18 and 19 years	1,638	1,676	1,687	1,700	1,569	1,595	1,596	1,573	1,577	1,474	1,523	1,534	1,558
20 to 24 years	4,334	4,368	4,328	4,323	4,171	4,260	4,299	4,278	4,212	4,034	4,084	4,037	4,013
25 years and over	22,165	22,242	22,151	21,905	21,886	21,905	21,922	21,984	21,810	21,686	21,686	21,460	21,342
25 to 54 years	17,149	17,135	16,996	16,840	16,871	16,890	16,933	17,000	16,944	16,788	16,728	16,533	16,509
55 years and over	4,998	5,088	5,068	5,018	4,989	5,047	5,033	5,002	4,911	4,976	4,921	4,874	4,821

A-36: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1969										1968		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
White-collar workers	37,099	36,975	36,802	36,920	36,722	36,458	36,346	36,179	36,125	35,869	35,990	35,859	35,921
Professional and technical	10,730	10,677	10,889	10,811	10,756	10,759	10,714	10,521	10,648	10,477	10,550	10,329	10,401
Managers, officials, and proprietors	8,102	7,958	7,915	7,908	8,044	8,003	7,855	7,773	7,855	7,813	7,892	7,995	7,962
Clerical workers	13,573	13,594	13,282	13,433	13,279	13,120	13,152	13,268	13,055	12,940	12,828	12,899	12,878
Sales workers	4,694	4,746	4,716	4,768	4,643	4,576	4,625	4,617	4,567	4,639	4,720	4,636	4,680
Blue-collar workers	28,499	28,489	28,347	28,032	27,603	27,990	28,220	28,395	28,151	28,051	27,622	27,596	27,530
Craftsmen and foremen	10,093	10,179	10,160	10,085	9,957	10,019	10,211	10,460	10,330	10,306	10,140	10,029	9,945
Operatives	14,706	14,617	14,560	14,266	14,050	14,199	14,345	14,327	14,206	14,114	13,897	14,086	13,983
Nonfarm laborers	3,700	3,693	3,627	3,687	3,596	3,772	3,664	3,608	3,615	3,631	3,585	3,481	3,602
Service workers	9,505	9,447	9,448	9,372	9,353	9,673	9,703	9,605	9,418	9,453	9,445	9,382	9,350
Farmers and farm laborers	3,170	3,282	3,235	3,438	3,522	3,381	3,436	3,591	3,411	3,421	3,350	3,249	3,360

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

B-1: Employees on nonagricultural payrolls, by industry division

1919 to date

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,230	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,273	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	627	3,275	19,214	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	613	3,208	19,447	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,860	610	3,267	19,768	4,313	14,081	3,618	10,464	3,383	10,592	11,846	2,737	9,109
1968: September	68,610	629	3,519	20,045	4,381	14,184	3,664	10,520	3,424	10,667	11,761	2,705	9,056
October..	68,960	574	3,503	20,019	4,363	14,302	3,686	10,616	3,430	10,732	12,037	2,694	9,343
November..	69,248	621	3,379	20,036	4,373	14,536	3,702	10,834	3,439	10,755	12,109	2,703	9,406
December..	69,805	619	3,247	20,008	4,370	15,113	3,715	11,398	3,449	10,773	12,226	2,769	9,457
1969: January..	68,196	611	3,024	19,803	4,288	14,189	3,671	10,518	3,448	10,693	12,140	2,735	9,405
February..	68,403	610	2,999	19,891	4,303	14,097	3,666	10,431	3,467	10,792	12,244	2,739	9,505
March.....	68,894	610	3,077	19,978	4,346	14,201	3,678	10,523	3,490	10,913	12,279	2,737	9,542
April.....	69,462	619	3,255	19,952	4,403	14,398	3,688	10,710	3,517	11,044	12,274	2,747	9,527
May.....	69,929	624	3,404	19,982	4,431	14,517	3,709	10,808	3,534	11,131	12,306	2,740	9,566
June.....	70,980	638	3,601	20,336	4,512	14,717	3,793	10,924	3,585	11,243	12,348	2,832	9,516
July.....	70,347	645	3,681	20,114	4,528	14,662	3,818	10,844	3,629	11,266	11,822	2,841	8,981
August....	70,516	646	3,697	20,446	4,531	14,651	3,820	10,831	3,643	11,239	11,663	2,804	8,859
September	70,826	634	3,631	20,518	4,527	14,672	3,801	10,871	3,606	11,201	12,037	2,726	9,311

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month. Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

(In thousands)

SIC CODE	Industry	All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
-	TOTAL	70,826	70,516	70,347	68,610	68,205	-	-	-	-	-
-	PRIVATE SECTOR	58,789	58,853	58,525	56,849	56,802	48,750	48,810	48,504	47,177	47,102
-	MINING	634	646	645	629	636	485	496	494	480	486
10	METAL MINING	-	95.2	94.7	90.0	90.7	-	76.9	76.4	72.1	72.5
101	Iron ores	-	26.8	25.6	25.7	-	21.8	21.8	21.0	21.1	
102	Copper ores	-	38.2	38.1	34.9	-	30.5	30.4	27.5	27.5	
11,12	COAL MINING	-	136.6	135.1	136.6	136.5	-	118.1	116.4	118.1	117.7
12	Bituminous coal and lignite mining	-	130.3	128.8	130.4	130.3	-	112.5	110.8	112.7	112.3
13	OIL AND GAS EXTRACTION	-	289.9	290.1	281.2	285.9	-	198.2	197.7	190.2	194.0
131,2	Crude petroleum and natural gas fields	-	147.7	148.7	149.7	153.0	-	77.1	77.8	78.7	80.7
138	Oil and gas field services	-	142.2	141.4	131.5	132.9	-	121.1	119.9	111.5	113.3
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	124.0	124.6	121.3	123.3	-	102.5	103.1	99.8	101.5
142	Crushed and broken stone	-	44.1	44.0	42.0	42.4	-	37.6	37.6	35.4	35.9
144	Sand and gravel	-	41.5	42.1	40.7	41.6	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,631	3,697	3,681	3,519	3,557	3,095	3,155	3,137	3,000	3,039
	GENERAL BUILDING CONTRACTORS	-	1,096.4	1,092.1	1,046.8	1,060.5	-	944.3	939.9	895.0	910.5
16	HEAVY CONSTRUCTION CONTRACTORS	-	855.7	854.6	787.4	799.8	-	745.6	742.6	688.7	701.4
161	Highway and street construction	-	396.5	395.2	391.7	401.6	-	357.0	354.9	354.1	363.8
162	Heavy construction, n e c	-	459.2	459.4	395.7	398.2	-	388.6	387.7	334.6	337.6
17	SPECIAL TRADE CONTRACTORS	-	1,744.6	1,734.2	1,685.1	1,696.4	-	1,464.9	1,454.1	1,416.4	1,426.9
171	Plumbing, heating, air conditioning	-	403.6	397.0	403.4	403.7	-	326.0	319.3	327.6	327.6
172	Painting, paper hanging, decorating	-	145.2	147.6	143.7	145.6	-	130.0	132.2	128.1	129.5
173	Electrical work	-	290.8	290.0	271.4	271.3	-	235.2	234.9	218.7	217.9
174	Masonry, stonework, and plastering	-	242.2	243.8	245.3	245.5	-	219.6	221.0	223.3	223.6
176	Roofing and sheet metal work	-	127.4	123.7	117.2	119.1	-	106.2	102.6	96.4	98.6
	MANUFACTURING	20,518	20,446	20,114	20,045	19,910	15,080	14,994	14,665	14,758	14,581
19,24,25,32-39	DURABLE GOODS	12,078	11,982	11,874	11,695	11,540	8,797	8,703	8,600	8,518	8,333
20-23,26-31	NONDURABLE GOODS	8,440	8,464	8,240	8,350	8,370	6,283	6,291	6,065	6,240	6,248
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	325.9	325.4	331.7	347.8	348.0	181.2	181.2	185.1	195.9	195.0
192	Ammunition, except for small arms	243.0	240.0	245.1	261.0	260.8	129.1	127.2	130.4	140.0	138.8
1925	Complete guided missiles	-	138.0	140.3	155.2	156.0	-	44.2	45.2	51.7	52.1
1929	Ammunition, exc. for small arms, nec	-	102.0	104.8	105.8	104.8	-	83.0	85.2	88.3	86.7
24	LUMBER AND WOOD PRODUCTS	608.9	619.2	616.3	608.7	618.7	529.2	538.6	536.0	529.6	538.7
241	Logging camps & logging contractors	86.2	88.2	86.2	82.7	84.3	-	-	-	-	-
242	Sawmills and planing mills	232.8	236.3	235.5	235.3	240.0	212.2	215.4	214.8	214.3	218.6
2421	Sawmills and planing mills, general	-	198.2	198.6	197.4	202.1	-	181.0	181.4	180.1	184.2
243	Millwork, plywood & related products	163.5	167.0	168.1	168.6	171.7	137.4	140.6	141.6	142.5	145.2
2431	Millwork	-	73.0	73.2	73.8	75.5	-	59.4	59.6	60.2	61.8
2432	Veneer and plywood	-	73.8	73.6	75.4	76.5	-	66.6	66.5	68.6	69.5
244	Wooden containers	37.2	38.1	38.8	37.6	37.9	33.2	34.1	34.9	33.5	33.7
2441,2	Wooden boxes, shooks, and crates	-	29.8	30.3	29.4	30.3	-	26.7	27.3	26.1	27.0
249	Miscellaneous wood products	89.2	89.6	87.7	84.5	84.8	75.3	75.6	73.5	71.3	71.5

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	501.2	497.9	485.0	482.1	480.7	417.2	414.5	401.6	398.4	397.9
251	Household furniture	353.5	350.5	341.9	340.3	339.1	302.4	299.6	291.1	289.7	289.2
2511	Wood household furniture	—	183.0	177.4	178.0	177.4	—	162.3	156.9	157.0	156.7
2512	Upholstered household furniture	—	91.1	87.6	87.8	87.3	—	76.4	72.9	73.5	73.2
2515	Mattresses and bedsprings	—	40.2	39.5	39.3	39.5	—	31.6	31.0	30.9	31.2
252	Office furniture	—	39.9	37.7	36.7	36.9	—	31.7	29.7	28.6	28.7
254	Partitions and fixtures	—	55.1	53.4	51.5	51.6	—	42.7	41.0	38.9	39.0
253,9	Other furniture and fixtures	53.3	52.4	52.0	53.6	53.1	41.1	40.5	39.8	41.2	41.0
32	STONE, CLAY, AND GLASS PRODUCTS	675.0	678.5	676.2	658.8	664.1	542.9	544.7	542.1	532.0	536.6
321	Flat glass	—	26.1	25.3	26.8	26.6	—	19.2	18.8	20.5	20.2
322	Glass and glassware, pressed or blown	133.7	133.7	132.6	132.4	132.5	117.5	117.5	116.6	118.8	118.9
3221	Glass containers	—	77.0	77.4	74.5	75.8	—	69.4	70.1	69.6	71.2
3229	Pressed and blown glass, n e c	—	56.7	55.2	57.9	56.7	—	48.1	46.5	49.2	47.7
324	Cement, hydraulic	34.8	35.5	35.8	35.8	36.3	26.9	27.1	27.4	27.4	28.1
325	Structural clay products	64.4	66.3	66.6	64.8	66.6	52.9	54.7	55.1	53.8	55.4
3251	Brick and structural clay tile	—	30.2	30.5	29.2	30.2	—	26.5	26.9	25.6	26.6
326	Pottery and related products	—	45.6	44.9	43.9	43.7	—	38.6	37.8	37.2	36.9
327	Concrete, gypsum, and plaster products	193.0	196.8	196.9	188.9	191.9	152.6	155.4	154.7	148.0	150.7
328,9	Other stone and nonmetallic mineral products	142.6	144.4	144.9	137.6	138.6	107.0	108.4	108.7	103.0	104.0
3291	Abrasive products	—	28.1	28.3	27.3	27.8	—	19.4	19.6	18.7	19.1
33	PRIMARY METAL INDUSTRIES	1,359.3	1,367.3	1,366.7	1,290.5	1,314.7	1,083.9	1,090.5	1,091.8	1,021.7	1,039.7
331	Blast furnace and basic steel products	(*)	662.9	666.8	604.6	634.5	(*)	529.5	534.0	475.5	502.0
3312	Blast furnaces and steel mills	—	581.4	584.8	527.1	554.0	—	466.6	470.7	417.0	440.7
332	Iron and steel foundries	229.3	228.0	227.2	226.0	222.9	191.8	190.5	189.8	188.5	185.3
3321	Gray iron foundries	—	140.0	140.3	140.6	137.9	—	118.9	118.9	119.8	116.7
3322	Malleable iron foundries	—	24.2	23.6	23.3	22.8	—	20.2	19.7	19.0	18.9
3323	Steel foundries	—	63.8	63.3	62.1	62.2	—	51.4	51.2	49.7	49.7
333,4	Nonferrous metals	88.6	90.1	89.8	86.4	86.4	68.1	69.2	69.5	67.3	66.8
3334	Primary aluminum	—	28.6	28.2	26.8	26.3	—	23.1	23.1	22.2	21.7
335	Nonferrous rolling and drawing	221.5	218.4	217.9	212.3	211.0	168.5	164.7	164.4	159.5	156.8
3351	Copper rolling and drawing	—	44.9	44.2	44.1	44.2	—	33.5	33.3	33.2	33.1
3352	Aluminum rolling and drawing	—	70.7	71.0	69.8	70.3	—	52.9	53.1	52.4	52.6
3357	Nonferrous wire drawing and insulating	—	78.3	78.3	75.8	72.7	—	61.0	60.8	58.1	55.0
336	Nonferrous foundries	92.6	92.1	89.9	86.3	85.4	77.1	76.5	74.5	71.2	70.0
3361	Aluminum castings	—	47.3	46.4	41.5	41.2	—	40.1	39.3	34.4	33.8
3362,9	Other nonferrous castings	—	44.8	43.5	44.8	44.2	—	36.4	35.2	36.8	36.2
339	Miscellaneous primary metal products	77.6	75.8	75.1	74.9	74.5	61.6	60.1	59.6	59.7	58.8
3391	Iron and steel forgings	—	51.1	50.9	50.7	49.6	—	40.8	40.8	41.0	39.7
34	FABRICATED METAL PRODUCTS	1,480.8	1,465.9	1,441.7	1,404.9	1,390.2	1,141.1	1,126.6	1,104.4	1,085.1	1,067.8
341	Metal cans	69.6	71.3	70.5	68.8	68.9	58.8	60.4	59.7	59.1	59.2
342	Cutlery, hand tools, and hardware	174.7	171.7	168.2	166.0	163.1	137.0	133.9	131.1	129.6	126.8
3421,3,5	Cutlery and hand tools, incl. saws	—	70.4	69.2	64.8	65.4	—	54.4	53.5	50.6	51.2
3429	Hardware, n e c	—	101.3	99.0	101.2	97.7	—	79.5	77.6	79.0	75.6
343	Plumbing and heating, except electric	87.6	86.1	82.5	82.0	82.4	65.0	64.0	60.6	61.0	61.3
3431,2	Sanitary ware & plumbers' brass goods	—	38.3	36.3	36.5	37.0	—	30.5	28.7	29.0	29.5
3433	Heating equipment, except electric	—	47.8	46.2	45.5	45.4	—	33.5	31.9	32.0	31.8
344	Fabricated structural metal products	438.9	440.9	435.9	414.7	418.0	317.5	319.5	313.7	299.7	301.3
3441	Fabricated structural steel	—	117.3	115.3	111.7	113.0	—	86.6	84.8	82.3	83.5
3442	Metal doors, sash, and trim	—	72.7	72.7	68.7	69.2	—	53.4	53.0	50.1	50.4
3443	Fabricated plate work (boiler shops)	—	114.9	114.9	105.2	107.9	—	80.0	79.2	73.0	74.5
3444	Sheet metal work	—	83.1	82.0	79.9	78.7	—	60.7	59.7	58.9	57.6
3446,9	Architectural and misc. metal work	—	52.9	51.0	49.2	49.2	—	38.8	37.0	35.4	35.3
345	Screw machine products, bolts, etc	114.3	112.7	114.2	109.6	109.6	89.7	88.2	89.9	86.7	86.4
3451	Screw machine products	—	52.1	52.4	50.5	50.1	—	43.9	44.3	42.9	42.5
3452	Bolts, nuts, rivets, and washers	—	60.6	61.8	59.1	59.5	—	44.3	45.6	43.8	43.9
346	Metal stampings	262.8	252.5	243.6	251.1	235.9	213.4	203.6	195.4	205.4	190.5
347	Metal services, n e c	99.7	98.7	96.5	92.4	91.8	83.1	82.1	80.0	76.9	76.1
348	Misc. fabricated wire products	70.8	69.8	69.7	66.3	66.0	56.8	55.8	55.8	53.5	53.0
349	Misc. fabricated metal products	162.4	162.2	160.6	154.0	154.5	119.8	119.1	118.2	113.2	113.2
3494,8	Valves, pipe, and pipe fittings	—	96.5	96.4	93.5	94.0	—	67.4	67.6	66.0	66.1

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	2,013.8	1,999.6	2,009.3	1,950.2	1,949.5	1,372.3	1,358.1	1,364.7	1,328.4	1,322.6
351	Engines and turbines	115.0	112.5	113.9	109.7	110.4	79.4	76.7	77.9	75.1	74.6
3511	Steam engines and turbines	-	39.4	39.3	37.8	38.3	-	22.7	22.6	22.0	21.9
3519	Internal combustion engines, n e c	-	73.1	74.6	71.9	72.1	-	54.0	55.3	53.1	52.7
352	Farm machinery	-	124.1	127.8	137.2	136.6	-	86.2	88.8	97.7	96.4
353	Construction and related machinery	299.2	298.2	298.3	282.8	280.7	200.1	199.2	199.6	188.1	185.6
3531,2	Construction and mining machinery	-	156.7	157.5	151.8	149.6	-	108.3	109.1	104.9	102.2
3533	Oil field machinery	-	47.0	46.4	42.0	42.2	-	33.0	32.3	29.1	29.2
3535,6	Conveyors, hoists, cranes, monorails	-	44.1	45.1	42.5	43.6	-	27.3	28.3	26.4	27.4
3537	Industrial trucks and tractors	-	34.8	33.7	31.5	30.8	-	22.5	21.7	20.2	19.7
354	Metal working machinery	342.1	337.8	337.9	338.7	335.3	253.2	249.2	249.4	251.8	248.1
3541	Machine tools, metal cutting types	-	77.6	77.9	77.6	77.6	-	51.7	51.9	52.3	52.1
3544	Special dies, tools, jigs, & fixtures	-	122.7	122.9	122.1	120.4	-	100.1	100.5	99.8	97.9
3545	Machine tool accessories	-	60.5	60.7	61.1	60.9	-	43.6	43.6	44.3	44.2
3542,8	Misc. metal working machinery	-	77.0	76.4	77.9	76.4	-	53.8	53.4	55.4	53.9
355	Special industry machinery	201.7	200.6	201.1	196.5	196.4	134.0	133.1	133.1	132.4	131.3
3551	Food products machinery	-	44.1	44.4	43.0	43.4	-	28.2	28.5	28.0	28.2
3552	Textile machinery	-	41.9	41.7	40.5	40.2	-	31.6	31.4	30.7	30.4
3555	Printing trades machinery	-	31.1	31.2	30.6	30.4	-	20.1	19.9	20.6	20.4
356	General industrial machinery	285.7	282.1	285.4	273.6	280.8	189.7	186.3	189.0	176.5	183.1
3561	Pumps and compressors	-	72.7	75.7	77.1	77.1	-	40.4	43.1	42.7	42.2
3562	Ball and roller bearings	-	60.5	61.3	53.7	59.8	-	46.8	47.2	39.9	46.0
3564	Blowers and fans	-	32.5	32.5	30.9	31.5	-	20.8	20.8	19.2	19.8
3566	Power transmission equipment	-	55.6	54.9	52.3	52.6	-	40.0	39.5	37.8	38.0
357	Office and computing machines	254.5	255.1	256.4	248.0	248.5	132.2	132.6	133.7	134.1	134.0
3573	Electronic computing equipment	-	162.2	166.2	157.6	158.2	-	65.2	68.7	69.0	69.1
358	Service industry machines	144.0	145.4	146.7	134.5	133.2	103.2	103.8	105.1	94.5	92.6
3585	Refrigeration machinery	-	96.4	97.3	86.0	84.4	-	69.7	70.9	60.5	58.3
359	Misc. machinery, except electrical	246.6	243.8	241.8	229.2	227.6	193.0	191.0	188.1	178.2	176.9
36	ELECTRICAL EQUIPMENT AND SUPPLIES	2,088.5	2,072.3	2,047.7	1,991.9	1,980.8	1,395.1	1,380.8	1,360.4	1,334.0	1,318.7
361	Electric test & distributing equipment	219.0	219.5	214.5	204.6	206.4	149.0	149.4	146.8	139.2	140.5
3611	Electric measuring instruments	-	74.2	72.4	66.6	66.5	-	46.7	46.1	43.0	42.8
3612	Transformers	-	60.7	59.9	57.3	57.6	-	44.3	43.8	40.8	41.1
3613	Switchgear and switchboard apparatus	-	84.6	82.2	80.7	82.3	-	58.4	56.9	55.4	56.6
362	Electrical industrial apparatus	224.7	223.7	223.0	210.5	209.3	158.3	156.9	156.8	145.7	144.0
3621	Motors and generators	-	121.5	122.0	114.7	113.0	-	86.9	87.7	80.8	78.8
3622	Industrial controls	-	62.2	61.7	57.5	57.5	-	40.8	40.4	36.9	36.5
363	Household appliances	190.1	188.1	186.6	177.9	177.7	151.3	149.5	147.9	141.4	141.2
3632	Household refrigerators and freezers	-	60.3	61.7	55.6	57.1	-	49.3	50.8	45.2	46.8
3633	Household laundry equipment	-	27.7	26.7	26.2	25.8	-	21.6	20.7	21.1	20.6
3634	Electric housewares and fans	-	45.1	43.4	44.6	43.5	-	36.1	34.4	35.5	34.4
364	Electric lighting and wiring equipment	214.5	212.3	206.0	204.8	199.6	165.1	163.1	157.5	157.1	152.2
3641	Electric lamps	-	40.6	40.7	38.8	38.5	-	35.9	35.9	34.2	33.9
3642	Lighting fixtures	-	66.5	63.2	66.0	62.8	-	51.4	48.3	51.5	48.5
3643,4	Wiring devices	-	105.2	102.1	100.0	98.3	-	75.8	73.3	71.4	69.8
365	Radio and TV receiving equipment	163.7	158.7	154.5	160.1	156.7	123.5	119.0	115.1	122.4	118.4
366	Communication equipment	531.2	529.0	527.2	520.0	520.6	258.8	258.1	256.1	257.0	256.1
3661	Telephone and telegraph apparatus	-	144.2	142.1	129.4	129.2	-	95.5	93.5	85.6	85.3
3662	Radio and TV communication equipment	-	384.8	385.1	390.6	391.4	-	162.6	162.6	171.4	170.8
367	Electronic components and accessories	416.2	414.2	411.6	390.2	390.1	289.7	287.9	285.3	276.2	274.8
3671-3	Electron tubes	-	70.6	71.6	75.0	75.3	-	48.6	49.3	52.4	52.5
3674,9	Other electronic components	-	343.6	340.0	315.2	314.8	-	239.3	236.0	223.8	222.3
369	Misc. electrical equipment & supplies	129.1	126.8	124.3	123.8	120.4	99.4	96.9	94.9	95.0	91.5
3694	Engine electrical equipment	-	67.4	66.8	67.7	65.8	-	52.2	51.7	52.7	50.5
37	TRANSPORTATION EQUIPMENT	2,085.4	2,022.8	1,991.0	2,045.2	1,879.2	1,475.6	1,415.6	1,384.3	1,448.7	1,276.2
371	Motor vehicles and equipment	(*)	895.3	844.4	892.4	727.1	(*)	690.0	643.1	699.8	531.9
3711	Motor vehicles	-	383.7	248.2	381.3	281.6	-	279.8	247.2	287.8	186.8
3712	Passenger car bodies	-	62.6	57.5	67.4	28.0	-	51.3	46.5	55.5	15.8
3713	Truck and bus bodies	-	41.4	41.3	37.7	37.8	-	33.8	33.9	30.3	30.5
3714	Motor vehicle parts and accessories	-	376.3	366.2	379.3	352.4	-	300.7	291.2	306.2	278.0
3715	Truck trailers	-	31.3	31.2	26.7	27.3	-	24.4	24.3	20.0	20.8
372	Aircraft and parts	812.6	797.9	811.8	846.4	850.8	467.8	455.1	466.0	499.4	500.1
3721	Aircraft	-	478.5	487.5	494.6	499.0	-	266.9	273.9	284.1	286.1
3722	Aircraft engines and engine parts	-	194.2	195.7	210.1	209.1	-	107.1	107.9	119.1	117.2
3723,9	Other aircraft parts and equipment	-	125.2	128.6	141.7	142.7	-	81.1	84.2	96.2	96.8
373	Ship and boat building and repairing	185.7	185.0	187.1	176.5	171.9	153.0	152.3	153.9	144.0	139.6
3731	Ship building and repairing	-	144.0	143.6	138.4	134.1	-	119.1	118.2	113.0	108.8

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	<i>Durable Goods--Continued</i>										
	TRANSPORTATION EQUIPMENT--Continued										
3732	Boat building and repairing.....	-	41.0	43.5	38.1	37.8	-	33.2	35.7	31.0	30.8
374	Railroad equipment.....	-	54.8	53.6	46.9	45.9	-	43.3	42.1	35.5	34.2
375,9	Other transportation equipment.....	-	89.8	94.1	83.0	83.5	-	74.9	79.2	70.0	70.4
38	INSTRUMENTS AND RELATED PRODUCTS....	474.8	475.9	470.9	462.1	464.2	292.5	292.6	288.8	285.1	285.1
381	Engineering & scientific instruments.....	-	77.6	77.7	83.6	84.1	-	37.2	37.4	41.2	41.1
382	Mechanical measuring & control devices...	113.6	113.6	114.4	109.2	109.5	71.7	71.7	72.2	69.3	69.0
3821	Mechanical measuring devices.....	-	69.0	69.3	66.8	67.4	-	40.7	41.0	39.7	40.0
3822	Automatic temperature controls.....	-	44.6	45.1	42.4	42.1	-	31.0	31.2	29.6	29.0
383,5	Optical and ophthalmic goods.....	51.4	51.4	50.7	50.7	51.4	36.5	36.6	36.0	36.3	36.8
385	Ophthalmic goods.....	-	32.7	32.0	31.9	32.4	-	25.1	24.4	24.4	24.8
384	Medical instruments and supplies.....	77.4	77.7	76.9	73.3	73.3	53.2	53.4	52.5	49.8	49.7
386	Photographic equipment and supplies.....	116.9	117.7	116.3	109.2	110.4	62.1	62.8	62.6	59.0	59.4
387	Watches, clocks, and watchcases.....	-	37.9	34.9	36.1	35.5	-	30.9	28.1	29.5	29.1
	MISCELLANEOUS MANUFACTURING										
39	INDUSTRIES.....	464.5	457.5	437.5	452.5	449.6	365.7	359.4	341.0	359.0	355.0
391	Jewelry, silverware, and plated ware.....	52.4	51.6	50.1	50.6	51.7	39.7	39.1	37.1	38.1	39.2
394	Toys and sporting goods.....	-	135.7	127.4	134.3	130.2	-	113.2	105.4	112.8	108.4
3941-3	Games, toys, dolls, & play vehicles.....	-	83.4	75.8	83.5	80.5	-	70.6	63.4	71.3	68.0
3949	Sporting and athletic goods, n e c.....	-	52.3	51.6	50.8	49.7	-	42.6	42.0	41.5	40.4
395	Pens, pencils, office, and art supplies.....	-	33.9	32.7	35.1	35.3	-	24.0	23.0	25.2	25.2
396	Costume jewelry and notions.....	-	62.8	59.8	62.5	62.1	-	51.9	49.6	51.8	51.4
393,8,9	Other manufacturing industries.....	175.5	173.5	167.5	170.0	170.3	133.0	131.2	125.7	131.1	130.8
393	Musical instruments and parts.....	-	24.9	24.4	24.8	24.5	-	19.8	19.2	19.5	19.2
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS.....	1,944.7	1,934.8	1,827.6	1,910.2	1,914.4	1,356.4	1,335.2	1,226.8	1,318.4	1,315.4
201	Meat products.....	341.6	344.8	343.1	341.2	342.2	276.7	279.5	277.4	275.8	277.0
2011	Meat packing plants.....	-	184.6	185.2	186.4	186.8	-	144.1	144.1	145.4	145.8
2013	Sausages and other prepared meats.....	-	58.5	57.9	58.6	59.4	-	42.2	41.7	42.4	43.2
2015	Poultry dressing plants.....	-	101.7	100.0	96.2	96.0	-	93.2	91.6	88.0	88.0
202	Dairy products.....	254.7	259.4	261.8	260.7	267.8	119.9	123.4	125.7	124.3	128.5
2024	Ice cream and frozen desserts.....	-	30.1	30.6	28.2	30.3	-	15.9	16.4	14.7	16.4
2026	Fluid milk.....	-	180.5	181.7	183.7	187.7	-	69.4	70.4	71.3	72.9
203	Canned, cured, and frozen foods.....	-	392.8	296.3	387.7	382.1	-	346.6	250.4	340.3	334.5
2031,6	Canned, cured, and frozen sea foods....	-	46.2	46.5	42.7	44.4	-	41.0	41.2	37.7	39.3
2032,3	Canned food, except sea foods.....	-	237.5	160.0	239.1	232.0	-	210.8	133.6	210.1	203.1
2037	Frozen fruits and vegetables.....	-	67.3	53.9	66.5	64.6	-	60.3	47.2	60.0	58.1
204	Grain mill products.....	138.6	141.0	140.1	135.6	136.5	99.2	101.3	99.9	96.1	96.3
2041	Flour and other grain mill products.....	-	31.1	30.9	30.9	31.1	-	23.1	22.7	22.2	22.1
2042	Prepared feeds for animals and fowls...	-	67.5	67.2	64.7	65.7	-	45.7	45.0	43.2	44.0
205	Bakery products.....	267.1	278.9	277.9	280.9	282.8	156.2	163.7	163.2	165.2	166.6
2051	Bread, cake, and related products.....	-	235.1	235.0	235.9	237.7	-	128.1	128.5	128.2	129.4
2052	Cookies and crackers.....	-	43.8	42.9	45.0	45.1	-	35.6	34.7	37.0	37.2
206	Sugar.....	-	34.9	34.3	35.3	32.3	-	27.1	25.7	28.1	25.3
207	Confectionery and related products.....	87.8	84.7	80.3	85.4	83.3	72.6	69.4	65.1	70.8	68.1
2071	Confectionery products.....	-	68.0	63.8	69.1	66.9	-	56.8	52.8	58.6	55.8
208	Beverages.....	249.8	253.7	249.5	239.7	243.1	129.8	131.7	127.1	124.5	125.9
2082	Malt liquors.....	-	65.1	59.8	60.6	62.6	-	45.1	38.5	41.0	42.2
2086	Bottled and canned soft drinks.....	-	140.4	140.6	131.1	136.0	-	54.2	54.9	50.5	53.7
209	Misc. foods and kindred products.....	146.7	144.6	144.3	143.7	144.3	96.7	92.5	92.3	93.3	93.2
21	TOBACCO MANUFACTURES.....	97.0	91.5	71.9	99.0	93.5	83.1	78.0	59.1	86.3	81.0
211	Cigarettes.....	-	41.0	41.0	42.0	42.2	-	33.0	33.2	34.7	34.8
212	Cigars.....	-	19.9	17.7	20.5	20.5	-	18.2	16.0	19.1	19.1
22	TEXTILE MILL PRODUCTS.....	983.3	988.7	980.7	1,000.2	1,003.9	866.6	871.5	863.9	886.6	890.2
221	Weaving mills, cotton.....	224.7	221.2	226.3	231.5	232.7	203.6	200.4	205.5	210.9	212.0
222	Weaving mills, synthetics.....	101.0	101.6	100.4	101.9	102.4	90.5	91.0	89.6	91.9	92.4
223	Weaving and finishing mills, wool.....	42.7	43.7	43.8	44.4	45.5	36.5	37.6	37.6	38.1	39.2
224	Narrow fabric mills.....	31.4	31.8	31.4	31.6	31.6	27.9	28.2	28.0	28.2	28.2
225	Knitting mills.....	245.2	249.3	244.8	255.1	256.2	216.1	219.9	215.5	227.7	228.9
2251	Women's hosiery, except socks.....	-	66.8	65.2	65.8	65.6	-	60.6	59.0	60.0	59.8
2252	Hosiery, n e c.....	-	38.4	38.1	39.9	40.3	-	34.6	34.3	36.3	36.8
2253	Knit outerwear mills.....	-	72.0	70.2	80.2	80.0	-	61.9	60.1	70.8	70.6
2254	Knit underwear mills.....	-	34.3	34.4	33.5	33.9	-	30.2	30.4	29.8	30.1

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Nondurable Goods--Continued</i>											
TEXTILE MILL PRODUCTS--Continued											
226	Textile finishing, except wool	84.4	85.1	83.2	82.2	82.5	71.5	72.2	70.2	69.6	69.8
227	Floor covering mills	-	54.9	52.9	51.9	50.6	-	44.2	42.4	41.6	40.5
228	Yarn and thread mills	121.2	122.7	121.3	120.9	122.0	112.1	113.4	112.2	111.9	112.9
229	Miscellaneous textile goods	77.7	78.4	76.6	80.7	80.4	-	64.6	62.9	66.7	66.3
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,429.6	1,435.8	1,375.8	1,429.7	1,425.7	1,257.3	1,261.6	1,203.0	1,261.8	1,258.0
231	Men's and boys' suits and coats	138.1	138.3	130.0	133.2	132.4	121.6	121.7	114.1	117.5	116.6
232	Men's and boys' furnishings	373.5	377.5	368.2	371.0	373.3	331.1	334.6	325.5	330.5	332.7
2321	Men's and boys' shirts and nightwear ..	-	123.2	120.2	122.9	124.3	-	110.3	107.5	110.3	111.7
2327	Men's and boys' separate trousers	-	80.8	79.6	80.3	80.8	-	73.7	71.9	73.8	74.2
2328	Men's and boys' work clothing	-	87.9	85.1	82.9	83.0	-	75.5	73.2	71.9	71.9
233	Women's and misses' outerwear	431.8	434.7	412.9	429.8	428.5	383.1	385.5	364.1	381.3	379.9
2331	Women's and misses' blouses and waists ..	-	51.0	50.1	52.2	52.2	-	45.3	44.3	46.7	46.8
2335	Women's and misses' dresses	-	204.5	188.3	203.8	201.1	-	184.0	168.0	182.4	180.1
2337	Women's and misses' suits and coats ..	-	95.8	92.5	95.5	96.3	-	85.0	82.0	85.7	86.0
2339	Women's and misses' outerwear, n e c ..	-	83.4	82.0	78.3	78.9	-	71.2	69.8	66.5	67.0
234	Women's and children's undergarments ..	126.5	126.9	120.9	128.8	126.9	110.3	110.5	104.9	113.4	111.5
2341	Women's and children's underwear	-	87.4	82.9	87.4	86.3	-	77.3	73.1	78.3	77.2
2342	Corsets and allied garments	-	39.5	38.0	41.4	40.6	-	33.2	31.8	35.1	34.3
235	Hats, caps, and millinery	-	20.6	20.1	22.9	23.9	-	18.4	18.0	20.5	21.4
236	Children's outerwear	79.3	79.8	79.4	80.2	80.3	70.3	70.8	70.3	71.6	71.8
2361	Children's dresses and blouses	-	33.4	34.9	34.3	34.6	-	30.1	31.5	31.1	31.3
237,8	Fur goods and miscellaneous apparel	-	80.5	77.9	82.7	84.0	-	69.7	67.2	71.6	73.2
239	Misc. fabricated textile products	178.9	177.0	166.4	181.1	176.4	153.0	150.4	138.9	155.4	150.9
2391,2	Housefurnishings	-	65.0	61.3	64.4	63.2	-	56.1	52.4	55.8	54.7
26	PAPER AND ALLIED PRODUCTS.....	722.0	727.0	719.8	700.2	703.7	559.6	564.6	557.1	544.1	547.4
261,2,6	Paper and pulp mills	227.3	231.0	229.2	217.9	221.7	177.1	180.3	178.5	169.8	173.2
263	Paperboard mills	72.9	72.9	73.9	73.6	74.1	57.8	57.8	58.4	58.7	59.2
264	Misc. converted paper products	188.2	189.1	186.8	182.0	182.2	137.1	137.7	135.3	133.3	133.7
2643	Bags, except textile bags	-	42.6	41.7	42.8	42.1	-	34.5	33.8	34.5	34.0
265	Paperboard containers and boxes	233.6	234.0	229.9	226.7	225.7	187.6	188.8	184.9	182.3	181.3
2651,2	Folding and setup paperboard boxes	-	73.3	71.3	71.3	70.7	-	61.0	59.4	59.7	59.2
2653	Corrugated and solid fiber boxes	-	107.5	106.1	103.7	103.5	-	83.9	82.4	80.2	79.9
2654	Sanitary food containers	-	33.3	32.2	31.7	31.3	-	27.2	26.2	25.7	25.3
27	PRINTING AND PUBLISHING.....	1,090.8	1,090.8	1,085.4	1,064.1	1,068.5	679.8	676.4	672.6	664.8	666.9
271	Newspapers	365.1	366.2	366.3	359.4	360.5	178.4	178.4	178.6	177.7	177.3
272	Periodicals	-	79.5	78.6	76.9	77.6	-	27.6	27.3	27.2	26.9
273	Books	-	97.6	96.7	93.1	96.0	-	54.4	53.6	51.7	54.7
275	Commercial printing	347.3	344.9	342.1	339.2	338.8	269.3	267.4	265.1	264.7	264.9
2751	Commercial printing, ex. lithographic ..	-	212.4	210.1	209.1	208.7	-	166.3	164.5	165.1	165.3
2752	Commercial printing, lithographic	-	120.4	119.9	118.7	118.5	-	91.9	91.4	90.8	90.7
278	Blankbooks and bookbinding	60.0	60.7	59.2	56.8	57.6	49.6	50.1	49.0	46.6	47.1
274,6,7,9	Other publishing & printing ind.	141.5	141.9	142.5	138.7	138.0	98.7	98.5	99.0	96.9	96.0
28	CHEMICALS AND ALLIED PRODUCTS...	1,051.3	1,064.6	1,064.5	1,032.0	1,040.3	613.1	626.5	622.7	611.4	616.7
281	Industrial chemicals	314.0	316.6	320.1	313.9	317.0	171.5	173.3	175.6	172.4	173.8
2812	Alkalies and chlorine	-	25.8	25.9	25.9	26.4	-	18.0	18.0	17.8	18.1
2818	Industrial organic chemicals, n e c	-	124.6	127.6	126.1	127.7	-	55.4	56.9	56.6	57.3
2819	Industrial inorganic chemicals, n e c ..	-	98.0	98.3	95.6	95.8	-	56.8	57.2	55.5	55.4
282	Plastics materials and synthetics	225.9	227.9	226.7	218.3	218.3	147.9	149.3	148.1	145.1	144.9
2821	Plastics materials and resins	-	98.7	98.7	93.3	93.5	-	60.2	59.6	57.6	57.8
2823,4	Synthetic fibers	-	116.0	114.8	110.8	110.6	-	80.4	79.8	78.0	77.6
283	Drugs	146.6	149.4	145.7	137.4	139.7	73.7	77.0	71.4	69.6	71.2
2834	Pharmaceutical preparations	-	115.1	114.8	106.5	108.4	-	57.1	56.3	52.6	54.0
284	Soap, cleaners, and toilet goods	124.8	126.1	124.6	121.4	121.6	72.6	74.6	73.4	74.8	75.3
2841	Soap and other detergents	-	40.4	40.4	40.9	41.1	-	26.4	26.5	27.5	27.4
2844	Toilet preparations	-	53.5	52.2	50.7	50.6	-	32.8	31.7	32.1	32.6
285	Paints and allied products	71.8	74.0	73.9	70.5	71.9	39.1	41.4	41.4	38.7	40.0
287	Agricultural chemicals	50.9	51.1	52.7	53.1	52.5	30.2	30.1	31.5	32.0	31.4
2871,2	Fertilizers, complete & mixing only	-	34.2	35.1	36.2	35.1	-	21.6	22.5	24.3	23.1
286,9	Other chemical products	117.3	119.5	120.8	117.4	119.3	78.1	80.8	81.3	78.8	80.1
2892	Explosives	-	45.8	47.1	47.0	47.7	-	35.5	36.5	36.3	37.0
29	PETROLEUM AND COAL PRODUCTS...	193.9	195.9	196.3	189.6	192.3	120.4	122.3	122.8	120.7	122.2
291	Petroleum refining	155.4	156.6	156.4	151.6	153.8	92.6	93.7	93.6	92.9	94.3
295,9	Other petroleum and coal products	38.5	39.3	39.9	38.0	38.5	27.8	28.6	29.2	27.8	27.9

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	<i>Nondurable Goods--Continued</i>										
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	585.0	585.5	576.1	568.1	564.9	453.5	454.4	444.9	440.4	437.4
301	Tires and inner tubes	119.2	120.2	119.6	115.3	114.8	83.3	84.3	83.7	80.6	80.1
302,3,6	Other rubber products	185.0	183.6	181.1	185.0	182.6	145.3	144.2	141.6	145.0	143.3
302	Rubber footwear	-	26.1	25.2	27.8	27.7	-	22.0	21.1	23.3	23.2
307	Miscellaneous plastics products	280.8	281.7	275.4	267.8	267.5	224.9	225.9	219.6	214.8	214.0
31	LEATHER AND LEATHER PRODUCTS . . .	342.5	350.2	341.4	356.9	362.3	293.2	300.3	291.8	305.6	312.4
311	Leather tanning and finishing	28.5	29.6	29.0	30.5	31.0	24.4	25.5	25.2	26.4	27.0
314	Footwear, except rubber	222.9	228.7	225.6	232.1	237.1	194.2	199.2	195.9	202.6	207.4
312,3,5-7,9	Other leather products	91.1	91.9	86.8	94.3	94.2	74.6	75.6	70.7	76.6	78.0
316	Luggage	-	22.5	21.5	22.8	22.0	-	18.2	17.2	17.0	17.7
317	Handbags and personal leather goods	-	37.5	35.7	40.1	40.6	-	31.8	30.1	34.0	34.5
	TRANSPORTATION AND PUBLIC UTILITIES	4,527	4,531	4,528	4,381	4,375					
40	RAILROAD TRANSPORTATION	-	656.1	656.6	660.1	672.5	-	-	-	-	-
4011	Class I railroads ²	-	581.8	582.1	583.7	595.2	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT	-	260.5	262.1	283.7	262.6	-	-	-	-	-
411	Local and suburban transportation	-	78.6	79.6	81.7	81.0	-	74.6	75.5	77.5	76.8
412	Taxicabs	-	107.9	107.1	109.1	109.0	-	-	-	-	-
413	Intercity highway transportation	-	44.9	44.4	43.9	44.8	-	41.3	40.6	40.4	41.0
42	TRUCKING AND WAREHOUSING	-	1,106.9	1,107.6	1,078.5	1,063.4	-	1,005.3	1,006.5	977.7	964.2
421,3	Trucking and trucking terminals	-	1,021.4	1,023.2	993.3	978.6	-	930.5	933.0	903.1	890.4
422	Public warehousing	-	85.5	84.4	85.2	84.8	-	74.8	73.5	74.6	73.8
45	TRANSPORTATION BY AIR	-	355.4	357.6	338.0	336.5	-	-	-	-	-
451,2	Air transportation	-	321.7	323.3	305.9	304.6	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	19.4	19.5	18.9	19.7	-	15.8	15.8	15.6	16.4
44,47	OTHER TRANSPORTATION AND SERVICES	-	359.0	357.5	341.3	343.0	-	-	-	-	-
44	Water transportation	-	251.6	251.7	243.4	243.9	-	-	-	-	-
47	Transportation services	-	107.4	105.8	97.9	99.1	-	-	-	-	-
48	COMMUNICATION	-	1,088.5	1,082.9	1,000.5	1,003.7	-	860.9	857.2	783.8	786.7
481	Telephone communication	-	906.5	902.1	828.5	831.2	-	728.8	725.5	655.3	658.1
482	Telegraph communication ³	-	32.6	32.7	32.9	33.4	-	22.5	22.6	22.9	23.2
483	Radio and television broadcasting	-	133.2	132.1	125.2	125.4	-	104.0	103.7	100.7	100.7
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	684.8	684.4	660.2	673.3	-	589.2	589.8	571.1	584.0
491	Electric companies and systems	-	282.7	282.5	269.5	274.3	-	241.4	241.8	230.3	235.2
492	Gas companies and systems	-	163.4	163.9	159.6	164.2	-	139.7	140.2	136.7	141.0
493	Combination companies and systems	-	189.6	189.0	183.6	187.1	-	164.9	164.6	162.9	165.7
494-7	Water, steam, & sanitary systems	-	49.1	49.0	47.5	47.7	-	43.2	43.2	41.2	42.1
-	WHOLESALE AND RETAIL TRADE	14,672	14,651	14,662	14,184	14,114	13,058	13,035	13,050	12,606	12,545
50	WHOLESALE TRADE	3,801	3,820	3,818	3,664	3,677	3,199	3,217	3,215	3,084	3,100
501	Motor vehicles & automotive equipment	-	311.6	309.7	292.8	293.7	-	258.0	256.6	242.1	243.6
502	Drugs, chemicals, and allied products	-	234.1	234.1	223.1	222.7	-	191.9	191.6	185.0	184.7
503	Dry goods and apparel	-	152.1	150.3	146.6	148.8	-	121.1	119.9	118.6	121.6
504	Groceries and related products	-	553.9	571.9	541.8	543.7	-	484.8	502.0	473.7	475.5
506	Electrical goods	-	313.7	313.0	296.2	299.7	-	262.3	261.4	243.3	246.7
507	Hardware; plumbing & heating equipment	-	174.2	173.3	165.5	166.7	-	148.0	146.8	140.0	141.2
508	Machinery, equipment, and supplies	-	747.3	742.2	710.6	709.7	-	635.7	630.6	601.8	600.7
509	Miscellaneous wholesalers	-	1,249.8	1,245.1	1,194.7	1,201.1	-	1,047.0	1,042.6	1,000.9	1,008.4
52-59	RETAIL TRADE	10,871	10,831	10,844	10,520	10,437	9,859	9,818	9,835	9,522	9,445
53	RETAIL GENERAL MERCHANDISE	-	2,208.8	2,211.0	2,132.0	2,086.2	-	2,027.6	2,028.2	1,956.5	1,914.6
531	Department stores	-	1,439.3	1,450.9	1,383.5	1,352.3	-	1,322.4	1,332.3	1,268.0	1,240.3
532	Mail order houses	-	123.8	120.6	123.7	120.7	-	114.6	112.1	115.1	112.2
533	Variety stores	-	320.1	316.2	313.6	301.4	-	295.4	291.2	294.1	281.8
54	FOOD STORES	-	1,654.9	1,663.7	1,620.9	1,591.5	-	1,537.9	1,550.3	1,496.9	1,468.2
541-3	Grocery, meat, and vegetable stores	-	1,490.9	1,499.0	1,457.8	1,430.9	-	1,385.6	1,397.2	1,347.0	1,321.0

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES		671.5	670.9	679.4	661.9	-	601.9	600.7	609.1	591.4
561	Men's & boys' clothing & furnishings		116.9	118.6	114.8	113.1	-	104.0	105.5	101.8	100.2
562	Women's ready-to-wear stores		252.2	251.9	252.1	247.0	-	226.3	226.3	226.9	221.5
565	Family clothing stores		104.1	104.0	104.8	102.1	-	96.8	96.7	97.7	94.8
566	Shoe stores		130.0	127.8	138.1	133.3	-	114.8	112.0	121.3	116.5
57	FURNITURE AND HOME FURNISHINGS STORES		443.2	441.4	432.9	431.4	-	386.8	385.9	380.0	377.0
571	Furniture and home furnishings		283.4	283.9	277.6	278.0	-	246.7	247.1	243.3	242.4
58	EATING AND DRINKING PLACES		2,515.7	2,502.9	2,405.8	2,400.8	-	2,351.3	2,343.5	2,245.9	2,242.5
52,55,59	OTHER RETAIL TRADE		3,337.3	3,354.5	3,249.2	3,264.8	-	2,912.3	2,926.2	2,833.3	2,851.3
52	Building materials and farm equipment		565.9	567.9	542.1	553.9	-	487.8	490.0	466.4	477.9
55	Automotive dealers & service stations		1,606.5	1,615.4	1,562.3	1,574.0	-	-	-	-	-
551,2	Motor vehicle dealers		773.7	776.6	751.4	753.7	-	656.5	658.8	636.6	639.7
553,9	Other automotive & accessory dealers		237.3	228.4	217.2	220.0	-	196.6	197.6	186.7	189.5
554	Gasoline service stations		605.5	610.4	593.7	600.3	-	-	-	-	-
59	Miscellaneous retail stores		1,164.9	1,171.2	1,144.8	1,136.9	-	-	-	-	-
591	Drug stores and proprietary stores		426.1	427.9	427.3	422.5	-	380.5	382.2	384.9	381.4
594	Book and stationery stores		57.8	58.5	59.6	57.0	-	49.3	50.0	51.7	49.1
596	Farm and garden supply stores		106.7	107.7	103.5	100.8	-	-	-	-	-
598	Fuel and ice dealers		103.4	103.3	102.3	100.3	-	89.7	89.4	87.7	85.6
FINANCE, INSURANCE, AND REAL ESTATE⁴											
		3,606	3,643	3,629	3,424	3,457	2,868	2,909	2,896	2,724	2,758
60	Banking	-	1,010.5	1,004.6	925.5	936.8	-	841.0	836.2	768.5	779.9
61	Credit agencies other than banks	-	365.9	365.7	351.8	353.2	-	287.5	286.9	275.4	271.2
612	Savings and loan associations	-	106.3	106.9	100.2	101.1	-	85.1	85.8	80.0	80.8
614	Personal credit institutions	-	194.8	194.1	190.4	190.7	-	-	-	-	-
62	Security, commodity brokers & services	-	219.9	221.8	198.6	199.8	-	195.4	196.5	176.6	177.3
63	Insurance carriers	-	1,033.9	1,023.5	994.0	1,000.3	-	724.7	715.2	694.8	702.6
631	Life insurance	-	530.6	524.6	518.2	519.8	-	312.3	306.0	301.9	304.5
632	Accident and health insurance	-	88.5	87.6	82.4	83.1	-	76.3	75.6	71.3	72.1
633	Fire, marine, and casualty insurance	-	368.3	364.7	348.9	352.7	-	297.2	294.3	284.6	288.5
64	Insurance agents, brokers, and service	-	277.6	275.1	257.9	260.5	-	-	-	-	-
65	Real estate	-	652.5	655.4	618.1	627.8	-	-	-	-	-
655	Subdividers and developers	-	90.8	92.4	79.7	83.8	-	-	-	-	-
656	Operative builders	-	46.9	48.3	45.3	45.9	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	83.0	82.8	77.6	78.2	-	-	-	-	-
SERVICES											
		11,201	11,239	11,266	10,667	10,753					
70	Hotels and other lodging places		745.8	823.2	829.2	736.8	841.8	-	-	-	-
701	Hotels, tourist courts, and motels			716.1	717.2	663.7	708.5	-	665.4	666.4	616.6
72	Personal services	1,015.8	1,021.6	1,036.0	1,024.9	1,026.8	-	-	-	-	660.2
721	Laundries and dry cleaning plants		535.7	544.5	547.5	549.1	-	488.3	496.8	498.2	500.0
722	Photographic studios		39.7	39.2	40.4	38.9	-	34.6	34.0	35.8	34.0
73	Miscellaneous business services		1,513.9	1,503.5	1,416.9	1,417.0	-	-	-	-	-
731	Advertising		120.4	120.0	116.8	118.1	-	-	-	-	-
732	Credit reporting and collection		74.2	74.4	72.6	72.3	-	-	-	-	-
734	Services to buildings		264.9	261.2	242.3	241.8	-	-	-	-	-
76	Miscellaneous repair services		186.6	182.9	174.5	176.2	-	-	-	-	-
78	Motion pictures		222.5	221.7	206.2	212.5	-	-	-	-	-
781	Motion picture filming & distributing		53.1	53.0	55.1	55.8	-	34.7	34.0	34.4	35.2
782,3	Motion picture theaters and services		169.4	168.7	151.1	156.7	-	-	-	-	-
80	Medical and other health services	2,881.8	2,888.6	2,889.3	2,675.9	2,677.1	-	-	-	-	-
806	Hospitals		1,782.8	1,789.6	1,673.1	1,674.5	-	-	-	-	-
81	Legal services		230.1	229.6	209.2	215.5	-	-	-	-	-
82	Educational services	1,079.4	947.2	967.2	1,024.2	913.0	-	-	-	-	-
821	Elementary and secondary schools		316.8	320.3	353.1	302.5	-	-	-	-	-
822	Colleges and universities		546.0	560.7	584.2	527.5	-	-	-	-	-
89	Miscellaneous services		630.3	630.6	581.0	592.9	-	-	-	-	-
891	Engineering & architectural services		307.6	309.9	289.6	296.1	-	-	-	-	-
892	Nonprofit research agencies		96.4	95.9	93.1	96.2	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	GOVERNMENT	12,037	11,663	11,822	11,761	11,403					
91	FEDERAL GOVERNMENT ⁵	2,726	2,804	2,841	2,705	2,795					
	Executive	-	2,767.2	2,804.5	2,670.2	2,759.9	-	-	-	-	-
	Department of Defense	-	1,142.9	1,167.5	1,097.0	1,136.5	-	-	-	-	-
	Post Office Department	-	741.0	739.8	712.8	731.5	-	-	-	-	-
	Other agencies	-	883.3	897.2	860.4	891.9	-	-	-	-	-
	Legislative	-	29.7	30.0	28.3	28.8	-	-	-	-	-
	Judicial	-	6.7	6.7	6.6	6.6	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	9,311	8,859	8,981	9,056	8,608					
92	State government	-	2,426.1	2,445.0	2,423.4	2,358.3	-	-	-	-	-
	State education	-	887.4	905.4	902.1	808.6	-	-	-	-	-
	Other State government	-	1,538.7	1,539.6	1,521.3	1,549.7	-	-	-	-	-
93	Local government	-	6,432.9	6,535.8	6,632.8	6,250.0	-	-	-	-	-
	Local education	-	3,246.8	3,326.6	3,668.7	3,167.5	-	-	-	-	-
	Other local government	-	3,186.1	3,209.2	2,964.1	3,082.5	-	-	-	-	-

¹Data 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.

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

³Data for nonsupervisory workers exclude messengers.

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

⁵Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies. Beginning January 1969, federal employment includes approximately 39,000 civilian technicians of the National Guard who were transferred from State to federal status in accordance with Public Law 90-486.

*Not available.

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

**B-4: Indexes of employment on nonagricultural payrolls, by industry division,
1919 to date, monthly data seasonally adjusted**

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	91.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.4	107.4	136.6
1966.....	121.8	81.4	113.4	115.8	101.8	121.3	118.7	122.2	122.5	138.5	137.5	115.8	146.1
1967.....	125.4	79.6	111.1	117.2	104.5	124.6	121.7	125.6	127.5	146.5	145.3	122.8	154.1
1968.....	129.2	79.2	113.2	119.1	105.8	128.9	124.9	130.4	133.7	153.6	151.0	123.6	161.7
1968: September	129.8	80.8	113.8	119.4	106.3	130.0	125.9	131.5	134.9	154.2	151.5	122.9	162.7
October..	130.3	74.4	114.5	119.5	106.5	130.6	126.4	132.1	135.7	155.5	152.3	122.3	164.1
November.	130.7	80.8	114.8	119.9	106.8	130.9	126.7	132.4	136.5	156.4	152.3	122.4	164.1
December.	131.1	80.9	115.3	120.2	107.0	130.7	127.0	132.0	136.9	157.2	153.4	123.0	165.3
1969: January..	131.8	81.3	115.6	120.5	106.8	132.0	127.8	133.5	137.9	158.1	154.0	124.7	165.5
February..	132.3	81.6	116.6	120.9	107.3	132.5	128.2	134.0	138.4	159.1	154.5	125.0	166.1
March.....	132.7	81.3	116.9	121.2	107.9	132.8	128.7	134.4	138.9	160.0	154.6	124.6	166.4
April.....	132.9	81.0	116.5	121.2	108.9	133.1	129.0	134.5	139.6	160.2	154.8	124.6	166.7
May.....	133.3	80.8	118.0	121.2	109.0	133.8	129.8	135.2	140.0	160.5	155.6	124.4	167.8
June.....	133.8	80.8	120.1	121.7	109.6	134.3	130.3	135.7	140.6	160.5	156.2	126.0	168.1
July.....	133.7	81.7	118.9	121.5	110.0	134.3	130.3	135.8	141.0	160.5	155.9	125.4	167.9
August....	134.0	81.8	117.8	122.6	110.0	134.5	130.4	136.0	141.6	161.1	155.1	124.3	167.2
September	134.0	81.3	117.4	122.2	109.9	134.5	130.6	135.9	142.1	162.0	155.1	123.8	167.3

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

Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	1969									1968			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
TOTAL	70,398	70,405	70,247	70,300	70,013	69,789	69,710	69,487	69,199	68,875	68,664	68,427	68,195
MINING	626	630	629	622	622	624	626	628	626	623	622	573	622
CONTRACT CONSTRUCTION	3,390	3,401	3,434	3,466	3,407	3,363	3,374	3,366	3,338	3,330	3,313	3,305	3,286
MANUFACTURING	20,290	20,345	20,164	20,198	20,118	20,111	20,122	20,061	19,999	19,958	19,897	19,840	19,820
DURABLE GOODS	12,027	12,086	11,912	11,931	11,874	11,868	11,881	11,839	11,819	11,744	11,700	11,649	11,646
Ordnance and accessories	325	327	332	337	342	343	346	346	349	351	347	333	346
Lumber and wood products	599	599	600	607	610	604	608	607	606	603	600	600	599
Furniture and fixtures	497	493	491	496	496	496	494	494	490	485	484	480	478
Stone, clay, and glass products	660	658	658	662	656	658	664	666	664	658	652	649	645
Primary metal industries	1,372	1,360	1,348	1,347	1,333	1,326	1,332	1,330	1,321	1,313	1,300	1,294	1,302
Fabricated metal products	1,476	1,469	1,456	1,456	1,453	1,450	1,451	1,444	1,437	1,426	1,420	1,411	1,401
Machinery, except electrical	2,024	2,006	2,007	2,010	1,999	1,999	1,993	1,997	1,981	1,971	1,974	1,966	1,960
Electrical equipment	2,080	2,074	2,070	2,063	2,058	2,046	2,036	2,026	2,013	1,996	1,988	1,982	1,984
Transportation equipment	2,075	2,182	2,032	2,035	2,009	2,029	2,042	2,020	2,045	2,031	2,031	2,034	2,035
Instruments and related products	474	474	471	473	474	472	470	468	466	465	465	463	462
Miscellaneous manufacturing	445	444	447	445	444	445	445	441	447	445	439	437	434
NONDURABLE GOODS	8,263	8,259	8,252	8,267	8,244	8,243	8,241	8,222	8,180	8,214	8,197	8,191	8,174
Food and kindred products	1,814	1,800	1,787	1,789	1,793	1,795	1,793	1,801	1,792	1,789	1,781	1,782	1,782
Tobacco manufactures	83	85	81	81	82	81	83	82	84	81	82	83	84
Textile mill products	977	980	988	990	987	991	995	999	1,000	998	997	994	994
Apparel and other textile products	1,414	1,415	1,423	1,429	1,426	1,425	1,417	1,409	1,424	1,412	1,412	1,416	1,414
Paper and allied products	718	718	716	717	714	710	714	713	709	706	704	700	696
Printing and publishing	1,092	1,089	1,084	1,083	1,075	1,078	1,078	1,077	1,076	1,074	1,072	1,070	1,065
Chemicals and allied products	1,050	1,052	1,054	1,055	1,046	1,044	1,045	1,044	1,040	1,040	1,038	1,034	1,031
Petroleum and coal products	190	190	191	191	190	190	187	170	128	189	188	187	186
Rubber and plastics products, nec	582	585	585	584	581	579	579	577	573	571	567	568	565
Leather and leather products	343	345	343	348	350	350	350	350	354	354	356	357	357
TRANSPORTATION AND PUBLIC UTILITIES	4,478	4,482	4,483	4,467	4,444	4,439	4,399	4,373	4,353	4,360	4,352	4,341	4,333
WHOLESALE AND RETAIL TRADE	14,686	14,693	14,671	14,665	14,609	14,533	14,508	14,468	14,412	14,271	14,291	14,265	14,198
WHOLESALE TRADE	3,782	3,775	3,773	3,774	3,758	3,737	3,726	3,714	3,701	3,678	3,669	3,660	3,646
RETAIL TRADE	10,904	10,918	10,898	10,891	10,851	10,796	10,782	10,754	10,711	10,593	10,622	10,605	10,552
FINANCE, INSURANCE, AND REAL ESTATE	3,595	3,582	3,568	3,557	3,541	3,531	3,515	3,502	3,490	3,463	3,453	3,433	3,414
SERVICES	11,167	11,106	11,067	11,066	11,065	11,044	11,034	10,967	10,900	10,838	10,787	10,721	10,635
Hotels and other lodging places	723	702	706	724	730	741	745	733	733	729	724	722	715
Personal services	1,020	1,025	1,030	1,026	1,025	1,024	1,026	1,027	1,028	1,032	1,031	1,027	1,029
Medical and other health services	2,885	2,871	2,861	2,850	2,831	2,813	2,795	2,778	2,762	2,737	2,721	2,702	2,679
Educational services	1,119	1,090	1,099	1,102	1,120	1,119	1,117	1,112	1,090	1,096	1,090	1,080	1,061
GOVERNMENT	12,166	12,166	12,231	12,259	12,207	12,144	12,132	12,122	12,081	12,032	11,949	11,949	11,887
FEDERAL	2,742	2,752	2,777	2,790	2,754	2,758	2,759	2,767	2,760	2,724	2,709	2,708	2,721
STATE AND LOCAL	9,424	9,414	9,454	9,469	9,453	9,386	9,373	9,355	9,321	9,308	9,240	9,241	9,166

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers in industrial and construction activities¹
seasonally adjusted

Major industry group	(In thousands)												
	1969										1968		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
TOTAL	18,181	18,280	18,142	18,203	18,092	18,054	18,101	18,063	17,993	17,928	17,859	17,762	17,772
MINING	479	482	481	473	474	476	477	480	477	475	474	430	474
CONTRACT CONSTRUCTION	2,853	2,855	2,889	2,919	2,878	2,839	2,853	2,852	2,832	2,818	2,791	2,787	2,765
MANUFACTURING	14,849	14,943	14,772	14,811	14,740	14,739	14,771	14,731	14,684	14,635	14,594	14,545	14,533
DURABLE GOODS	8,742	8,834	8,668	8,687	8,630	8,634	8,654	8,628	8,606	8,536	8,505	8,462	8,465
Ordnance and accessories	180	183	187	188	192	193	197	195	196	195	195	183	195
Lumber and wood products	519	519	520	528	530	525	528	527	528	524	520	519	519
Furniture and fixtures	413	410	408	411	412	413	410	410	407	402	400	397	395
Stone, clay, and glass products	530	526	526	532	526	529	535	537	534	530	524	522	519
Primary metal industries	1,097	1,087	1,077	1,076	1,062	1,057	1,063	1,058	1,051	1,044	1,031	1,027	1,034
Fabricated metal products	1,134	1,132	1,122	1,122	1,121	1,118	1,121	1,115	1,109	1,100	1,095	1,089	1,079
Machinery, except electrical	1,381	1,369	1,369	1,377	1,366	1,370	1,363	1,370	1,359	1,346	1,354	1,341	1,336
Electrical equipment and supplies	1,384	1,386	1,388	1,379	1,381	1,369	1,364	1,355	1,344	1,330	1,324	1,321	1,323
Transportation equipment	1,465	1,583	1,430	1,434	1,399	1,420	1,432	1,426	1,439	1,427	1,430	1,434	1,439
Instruments and related products	292	292	291	292	294	292	292	289	288	287	287	286	285
Miscellaneous manufacturing industries	347	347	350	348	347	348	349	346	351	351	345	343	341
NONDURABLE GOODS	6,107	6,109	6,104	6,124	6,110	6,105	6,117	6,103	6,078	6,099	6,089	6,083	6,068
Food and kindred products	1,228	1,209	1,197	1,201	1,206	1,205	1,208	1,215	1,205	1,202	1,194	1,194	1,193
Tobacco manufactures	69	72	68	69	69	68	69	69	71	69	70	70	72
Textile mill products	861	864	873	873	871	875	880	883	885	883	883	880	881
Apparel and other textile products	1,242	1,244	1,248	1,255	1,255	1,252	1,246	1,238	1,254	1,243	1,245	1,249	1,247
Paper and allied products	556	557	555	556	554	549	555	555	550	549	546	543	540
Printing and publishing	678	676	675	674	669	672	673	672	673	671	670	668	664
Chemicals and allied products	613	620	620	623	617	617	620	620	617	617	616	613	611
Petroleum and coal products	117	118	119	119	118	118	116	101	73	119	119	119	117
Rubber and plastics products, nec	450	454	455	455	451	449	449	448	444	441	439	440	437
Leather and leather products	293	295	294	299	300	300	301	302	306	305	307	307	306

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
1	ALABAMA	988.3	986.5	967.5	8.0	8.0	8.0	59.4	58.8	54.6	317.1	316.7	309.8
2	Birmingham	255.7	255.6	249.4	5.5	5.5	5.5	16.4	15.9	15.8	71.6	71.3	68.6
3	Huntsville	76.7	76.7	77.1	(1)	(1)	(1)	3.4	3.4	3.2	11.9	11.8	12.1
4	Mobile	104.1	104.1	103.3	(1)	(1)	(1)	6.8	6.7	6.7	25.2	25.5	23.8
5	Montgomery	69.3	69.1	66.3	(1)	(1)	(1)	5.6	5.6	5.5	10.7	10.6	9.9
6	Tuscaloosa	35.8	35.7	34.9	(1)	(1)	(1)	2.6	2.5	2.5	10.4	10.5	9.8
7	ALASKA ²	95.8	96.1	92.1	3.7	3.7	2.5	9.2	8.3	9.1	11.6	12.7	11.5
8	ARIZONA	507.4	506.9	470.3	19.1	19.1	17.8	32.4	32.6	26.7	94.3	93.5	85.3
9	Phoenix	299.1	298.8	275.7	.3	.3	.3	17.5	17.4	14.9	75.7	75.0	67.7
10	Tucson	97.2	96.7	88.2	5.6	5.6	5.0	9.1	9.2	6.9	8.3	8.2	7.8
11	ARKANSAS	540.1	537.0	520.1	4.9	5.0	4.8	37.9	36.9	34.4	168.2	168.4	161.2
12	Fayetteville	25.2	25.2	23.7	(1)	(1)	(1)	1.9	1.9	1.7	8.1	8.0	7.2
13	Fort Smith	42.5	43.6	42.1	.5	.5	.5	1.7	1.6	2.4	15.6	16.7	15.1
14	Little Rock-North Little Rock	121.5	122.2	119.8	(1)	(1)	(1)	9.1	9.3	9.7	27.9	27.7	25.6
15	Pine Bluff	24.8	24.8	24.6	(1)	(1)	(1)	1.4	1.5	1.7	5.9	5.9	5.8
16	CALIFORNIA	6,936.1	6,903.5	6,714.3	32.8	32.7	33.0	278.6	304.1	299.3	1,696.5	1,647.5	1,679.4
17	Anaheim-Santa Ana-Garden Grove	394.8	398.5	384.7	1.8	1.8	2.0	17.1	22.1	20.2	124.6	124.8	128.5
18	Bakersfield ²	91.3	93.6	88.9	7.4	7.1	7.2	5.3	5.9	5.7	8.4	8.5	8.3
19	Fresno ²	118.4	116.8	115.6	.7	.7	.7	5.3	5.4	5.1	20.8	18.1	20.1
20	Los Angeles-Long Beach	2,855.6	2,868.6	2,798.8	11.4	11.5	11.5	81.9	101.7	102.3	879.2	872.9	871.7
21	Moderos-Turlock ³	60.5	54.5	58.2	.1	.1	.1	3.5	3.3	3.3	20.1	14.6	19.7
22	Ornard-Ventura	89.9	89.7	86.2	2.2	2.2	2.2	3.5	3.7	3.5	14.5	14.0	14.5
23	Sacramento ²	260.3	256.2	255.8	.2	.2	.3	11.5	11.1	11.7	27.5	24.1	28.1
24	Salinas-Monterey	62.7	62.2	61.5	.4	.4	.4	2.8	2.8	2.7	7.7	7.2	7.5
25	San Bernardino-Riverside-Ontario	278.7	281.3	270.2	2.2	2.3	2.2	11.7	13.6	13.4	53.6	52.7	51.2
26	San Diego	367.3	364.2	346.3	.4	.4	.4	17.1	17.6	17.5	68.8	67.9	66.2
27	San Francisco-Oakland	1,264.8	1,253.7	1,219.2	1.7	1.7	1.7	65.1	63.7	62.5	215.2	207.9	211.1
28	San Jose	379.5	374.3	366.2	.1	.1	.1	19.6	19.3	18.3	136.3	130.8	136.2
29	Santa Barbara	78.6	79.1	75.8	1.0	1.0	1.0	3.6	3.9	4.1	9.9	9.7	9.9
30	Santa Rosa	50.1	48.6	47.1	.3	.3	.3	2.8	2.7	2.4	8.0	6.8	8.6
31	Stockton ²	93.5	88.2	92.2	.1	.1	.1	3.7	3.6	3.7	22.0	17.2	22.5
32	Vallejo-Napa	67.0	67.3	66.8	.2	.2	.2	2.7	2.6	2.8	7.6	7.5	8.3
33	COLORADO	714.9	715.0	689.8	13.1	13.0	13.3	38.5	38.0	37.6	114.9	113.8	108.9
34	Denver	454.1	453.0	436.8	4.2	4.2	4.3	26.6	26.5	24.7	82.7	82.2	78.5
35	CONNECTICUT	1,161.6	1,166.3	1,166.2	(4)	(4)	(4)	57.5	57.6	58.3	460.8	467.3	477.3
36	Bridgeport	150.6	150.2	151.8	(4)	(4)	(4)	6.2	6.0	6.4	74.7	74.4	78.6
37	Hartford	312.3	315.7	310.7	(4)	(4)	(4)	15.6	15.2	15.6	103.7	107.9	110.2
38	New Britain	46.2	47.0	46.0	(4)	(4)	(4)	2.1	2.1	2.5	24.4	24.8	24.9
39	New Haven	149.3	151.3	152.3	(4)	(4)	(4)	8.1	7.3	8.4	41.2	44.0	46.4
40	Stamford	79.7	80.2	77.2	(4)	(4)	(4)	4.3	4.3	4.2	27.5	27.8	26.8
41	Waterbury	79.4	77.9	78.5	(4)	(4)	(4)	4.0	4.0	4.0	39.1	38.0	40.9
42	DELAWARE	212.2	206.6	205.5	(1)	(1)	(1)	14.4	13.8	16.5	75.7	71.0	71.8
43	Wilmington	185.1	180.8	182.0	(1)	(1)	(1)	11.2	10.7	12.9	70.5	66.4	67.1
44	DISTRICT OF COLUMBIA ⁵	(*)	703.9	684.1	(*)	(1)	(1)	(*)	18.3	20.6	(*)	20.5	20.6
45	Washington SMSA	(*)	1,130.2	1,091.9	(*)	(1)	(1)	(*)	63.2	68.3	(*)	44.1	44.4
46	FLORIDA	1,967.0	1,967.4	1,899.7	8.4	8.6	8.4	168.8	166.6	147.2	305.4	305.8	302.4
47	Fort Lauderdale-Hollywood	151.0	151.0	136.2	(1)	(1)	(1)	21.6	21.4	17.5	20.0	19.9	18.2
48	Jacksonville	185.8	184.8	179.9	(1)	(1)	(1)	11.2	11.2	11.1	24.9	24.5	23.9
49	Miami	455.3	455.1	437.0	(1)	(1)	(1)	28.7	28.8	28.5	71.6	71.6	70.2
50	Orlando	127.9	128.2	119.1	(1)	(1)	(1)	12.2	12.1	10.6	21.1	21.6	21.3
51	Pensacola	66.1	65.9	63.8	(1)	(1)	(1)	5.7	5.7	5.3	14.3	14.3	14.0
52	Tampa-St. Petersburg	282.6	280.7	271.2	(1)	(1)	(1)	21.9	21.7	20.6	52.4	51.1	49.8
53	West Palm Beach	97.4	96.5	88.2	(1)	(1)	(1)	10.0	9.5	8.5	19.1	18.9	17.2
54	GEORGIA	1,506.3	1,495.8	1,447.2	7.0	7.0	6.9	84.9	85.5	83.2	476.4	464.9	452.6
55	Atlanta	592.3	586.9	554.1	(1)	(1)	(1)	38.2	38.5	38.3	131.7	126.1	114.1

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	
55.6	55.1	54.6	183.3	182.1	181.8	41.0	41.0	40.4	131.1	130.4	128.3	192.8	194.4	190.0	1
19.7	19.5	18.7	57.1	57.2	57.1	17.2	17.2	16.9	34.8	34.8	34.0	33.4	34.2	32.8	2
1.7	1.7	1.7	11.4	11.4	11.3	1.8	1.8	1.9	17.3	17.4	18.1	29.2	29.2	28.8	3
9.6	9.5	9.8	25.0	24.9	24.8	4.8	4.8	4.6	16.7	16.7	16.5	16.0	16.0	17.1	4
4.6	4.6	4.5	15.9	15.7	14.9	4.4	4.5	4.2	10.3	10.2	10.2	17.8	17.9	17.1	5
1.6	1.6	1.5	5.7	5.7	5.7	1.2	1.2	1.2	3.2	3.3	3.3	11.1	10.9	10.9	6
8.6	9.1	8.8	14.1	14.0	13.4	2.7	2.7	2.6	11.5	11.2	10.2	34.4	34.4	34.0	7
28.8	28.4	26.8	112.9	112.3	104.4	26.9	26.7	24.4	83.2	83.1	77.8	109.8	111.2	107.1	8
16.2	16.2	15.5	71.4	70.8	65.6	19.6	19.5	17.7	46.8	46.8	43.5	51.6	52.8	50.5	9
5.7	5.7	5.3	20.8	20.7	19.0	4.1	4.1	3.7	17.8	17.7	16.3	25.8	25.5	24.2	10
30.7	30.8	29.9	105.1	104.3	103.2	21.3	21.3	20.7	72.7	72.6	70.3	99.3	97.7	95.6	11
1.9	2.0	1.9	4.3	4.3	4.4	.6	.6	.6	3.1	3.1	3.0	5.3	5.3	4.9	12
2.6	2.6	2.6	8.8	8.9	8.7	1.4	1.4	1.4	6.6	6.6	6.3	5.3	5.3	5.1	13
9.4	9.4	9.1	25.4	25.6	25.9	8.7	8.7	8.5	17.9	18.1	17.7	23.1	23.4	23.3	14
3.2	3.2	3.1	4.6	4.5	4.6	.9	.9	.9	3.3	3.3	3.1	5.5	5.5	5.4	15
473.5	472.2	455.2	1,506.3	1,502.6	1,439.0	367.0	365.5	350.2	1,219.3	1,213.7	1,160.9	1,362.1	1,365.2	1,297.3	16
12.2	12.2	12.0	94.7	94.3	88.2	18.9	18.8	17.1	64.8	64.1	60.6	60.7	60.4	56.1	17
6.5	6.7	6.3	20.6	21.6	19.9	3.5	3.5	3.1	14.0	14.6	13.3	25.6	25.7	25.1	18
8.3	8.2	8.5	32.9	32.9	32.3	5.4	5.3	5.3	21.2	21.1	20.6	23.9	25.0	23.0	19
179.1	179.5	172.2	623.8	622.6	600.4	162.3	162.0	156.7	527.7	527.2	506.8	390.2	391.2	377.2	20
2.9	2.8	2.8	11.8	11.7	11.6	1.5	1.5	1.3	9.9	9.8	9.2	10.7	10.7	10.2	21
4.1	4.2	3.9	20.1	19.8	18.6	3.0	3.0	3.0	14.3	14.3	13.2	28.2	28.5	27.3	22
18.5	18.3	18.4	52.7	52.7	51.4	10.3	10.3	10.2	36.4	36.3	35.2	103.2	103.2	100.5	23
4.1	4.1	4.1	16.7	16.8	16.7	2.4	2.4	2.4	12.3	11.9	11.3	16.3	16.6	16.4	24
17.7	17.9	17.7	62.4	62.4	59.7	9.5	9.5	9.5	50.9	51.0	49.1	70.7	71.9	67.4	25
20.5	20.5	19.1	80.8	79.6	74.4	16.5	16.4	15.3	68.0	66.8	64.1	95.2	95.0	89.3	26
138.0	136.9	132.1	264.6	263.9	255.1	97.7	97.0	92.1	213.7	212.3	203.3	268.8	270.3	261.3	27
15.9	15.8	15.5	67.7	67.5	63.3	13.0	13.0	12.4	72.4	72.7	69.5	54.5	55.1	50.9	28
3.6	3.6	3.5	18.1	18.2	17.5	2.8	2.8	2.8	19.2	19.5	18.9	20.4	20.4	18.1	29
2.9	2.8	2.7	12.4	12.1	11.3	3.2	3.2	3.1	8.6	8.5	8.0	11.9	12.2	10.7	30
7.0	6.7	7.1	19.6	19.2	18.9	3.0	3.0	2.9	14.0	14.0	13.2	24.2	24.5	23.8	31
3.7	3.7	3.6	11.7	11.7	11.3	1.7	1.7	1.7	9.7	9.6	9.2	29.7	30.3	29.7	32
52.4	52.3	50.1	170.7	169.9	164.3	37.0	36.8	35.7	125.3	125.7	120.6	163.0	165.5	159.3	33
35.9	35.9	34.8	115.8	115.1	110.6	28.3	28.2	27.1	83.4	82.8	80.0	77.2	78.1	76.8	34
50.8	50.5	49.6	210.1	211.1	206.0	69.5	68.8	70.0	170.6	170.0	168.8	142.4	141.0	136.2	35
6.2	6.2	6.0	26.6	26.6	25.3	4.5	4.5	4.4	19.4	19.3	18.3	13.1	13.2	12.8	36
11.1	11.3	10.8	58.1	59.0	54.7	41.3	40.5	40.9	45.4	45.5	39.9	37.1	36.3	38.6	37
1.8	1.8	1.7	7.3	7.5	6.9	1.1	1.2	1.1	5.3	5.4	5.1	4.2	4.2	3.9	38
13.4	13.2	13.7	29.6	29.7	29.0	8.3	8.3	7.8	31.2	31.0	30.0	17.6	17.8	17.1	39
2.9	2.9	2.9	17.1	17.2	16.1	4.1	4.0	3.9	16.9	17.1	16.1	7.0	6.9	7.2	40
3.1	3.1	3.0	13.0	12.6	11.2	2.0	2.0	1.9	10.1	10.1	9.9	8.1	8.1	7.7	41
10.9	11.1	10.8	42.9	42.9	40.6	8.8	8.7	8.6	30.5	30.5	29.0	29.0	28.6	28.2	42
9.6	9.8	10.0	34.9	35.1	34.2	7.8	7.8	7.6	26.3	26.4	25.8	24.8	24.6	24.4	43
(*)	31.7	31.6	(*)	87.3	85.9	(*)	32.0	31.9	(*)	138.4	131.8	(*)	375.7	361.7	44
(*)	64.1	60.3	(*)	216.6	210.9	(*)	63.7	62.5	(*)	240.7	229.5	(*)	437.8	416.0	45
145.5	144.6	137.5	506.7	506.8	495.4	121.1	120.5	113.0	355.2	357.8	343.8	355.9	356.7	352.0	46
7.1	6.9	6.5	39.9	40.1	37.6	10.0	9.9	8.9	29.1	29.4	26.1	23.3	23.4	21.4	47
19.4	19.1	19.3	52.1	52.1	50.7	17.9	17.7	16.6	27.7	27.7	27.8	32.5	32.5	30.5	48
51.9	51.6	49.9	124.3	124.4	117.1	29.9	29.7	28.9	98.4	98.9	94.1	50.5	50.1	48.3	49
8.0	8.1	7.1	36.7	36.8	33.5	9.0	8.8	8.1	21.3	21.2	19.8	19.6	19.6	18.7	40
3.5	3.4	3.4	14.0	13.8	13.3	2.5	2.5	2.5	8.4	8.5	7.8	17.7	17.7	17.5	51
19.8	19.8	19.2	82.4	82.1	79.9	16.1	16.1	15.7	50.2	50.2	46.1	39.8	39.7	39.9	52
4.8	4.6	4.3	25.2	25.0	22.8	6.3	6.3	5.7	17.2	17.4	15.8	14.8	14.8	13.9	53
106.1	105.8	99.3	310.9	309.8	300.6	72.1	71.9	69.1	171.6	171.8	168.6	277.3	279.1	266.9	54
59.0	58.7	54.3	154.3	153.7	146.9	40.8	40.5	39.0	83.8	83.8	81.4	84.5	85.6	80.1	55

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
GEORGIA (continued)													
1	Augusta	89.2	89.2	86.4	(1)	(1)	(1)	7.1	7.1	7.0	31.0	30.9	30.5
2	Columbus	68.9	69.5	69.0	(1)	(1)	(1)	4.1	4.3	4.3	18.8	19.1	19.4
3	Macon	78.9	79.2	75.7	(1)	(1)	(1)	4.9	4.7	3.8	16.0	15.9	15.7
4	Savannah	67.8	67.4	64.7	(1)	(1)	(1)	4.0	4.0	3.9	18.1	18.0	17.4
HAWAII													
5	Honolulu	279.7	282.2	262.1	(1)	(1)	(1)	21.9	22.2	19.4	30.0	32.1	26.7
6	Honolulu	237.3	239.8	221.7	(1)	(1)	(1)	19.2	19.4	16.8	21.9	23.9	19.3
IDAHO²													
7	Boise ²	204.2	201.0	200.3	3.5	3.5	3.7	11.6	11.4	11.6	39.5	36.9	38.6
8	Boise ²	39.1	39.0	37.9	(1)	(1)	(1)	2.6	2.5	2.3	4.5	4.6	4.4
ILLINOIS													
9	Chicago	(*)	4,398.1	4,315.9	(*)	25.2	25.0	(*)	220.8	210.9	(*)	1,397.2	1,393.7
10	Chicago	(*)	3,057.2	2,989.0	(*)	5.1	5.4	(*)	138.6	135.5	(*)	980.1	973.5
11	Chicago-Northwestern Indiana	(*)	(*)	3,202.9	(*)	(*)	5.5	(*)	(*)	150.0	(*)	(*)	1,077.4
12	Davenport-Rock Island-Moline	(*)	134.0	134.5	(*)	(4)	(4)	(*)	5.8	7.8	(*)	45.2	46.4
13	Peoria	(*)	129.5	127.5	(*)	(4)	(4)	(*)	7.3	8.9	(*)	48.0	47.2
14	Rockford	(*)	108.4	110.3	(*)	(4)	(4)	(*)	5.5	5.4	(*)	53.2	58.1
INDIANA													
15	Evansville	1,869.9	1,868.4	1,821.9	7.8	7.8	7.7	103.5	102.6	98.9	743.3	741.4	721.8
16	Evansville	88.4	87.8	87.1	1.7	1.7	1.7	4.5	4.3	4.5	33.9	34.3	33.0
17	Fort Wayne	118.8	119.0	112.0	(1)	(1)	(1)	6.3	6.1	5.1	46.3	46.5	43.8
18	Gary-Hammond-East Chicago	221.7	221.9	213.9	(1)	(1)	(1)	14.5	14.4	14.5	109.6	110.0	103.9
19	Indianapolis	425.8	425.1	419.2	(1)	(1)	(1)	21.4	20.6	20.3	138.4	137.8	136.8
20	Muncie	45.5	45.7	43.7	(1)	(1)	(1)	2.5	2.4	2.1	18.8	18.7	18.1
21	South Bend	95.5	96.0	98.0	(1)	(1)	(1)	4.4	4.4	4.2	35.4	36.0	37.4
22	Terre Haute	52.8	52.6	50.7	.8	.8	.8	2.8	2.9	2.3	14.8	14.5	14.2
IOWA													
23	Cedar Rapids	877.1	877.5	861.6	3.9	3.8	3.9	47.5	46.9	47.7	222.1	221.7	223.2
24	Cedar Rapids	67.6	66.5	65.3	(1)	(1)	(1)	3.2	3.0	3.3	28.5	27.7	27.2
25	Des Moines	126.2	127.7	125.6	(1)	(1)	(1)	6.8	6.8	6.5	25.7	26.1	26.9
26	Dubuque	31.0	33.0	31.3	(1)	(1)	(1)	1.7	1.6	1.7	11.8	14.0	13.5
27	Sioux City	42.8	41.9	41.8	(1)	(1)	(1)	2.4	2.4	2.1	10.2	9.4	9.8
28	Waterloo	48.7	49.4	48.7	(1)	(1)	(1)	3.2	3.1	2.6	18.6	19.4	19.9
KANSAS													
29	Topeka	(*)	684.8	665.7	(*)	11.6	11.5	(*)	42.8	39.1	(*)	144.1	143.8
30	Topeka	(*)	61.7	59.2	(*)	.1	.1	(*)	4.0	3.7	(*)	9.4	8.8
31	Wichita	(*)	145.2	148.0	(*)	2.5	2.7	(*)	7.8	7.2	(*)	48.8	52.7
KENTUCKY													
32	Lexington	894.1	893.2	874.5	28.1	28.1	27.3	61.8	62.0	59.2	243.6	244.8	243.0
33	Lexington	76.0	76.5	74.8	(1)	(1)	(1)	6.7	7.1	5.7	16.7	16.4	17.3
34	Louisville	334.1	336.6	317.4	(1)	(1)	(1)	19.7	19.3	18.3	121.8	124.9	116.3
LOUISIANA													
35	Baton Rouge	1,060.5	1,059.7	1,047.5	53.4	53.3	53.3	90.1	90.5	96.4	181.7	181.8	180.0
36	Baton Rouge	101.5	101.8	104.1	.7	.7	.7	12.9	13.3	16.8	18.1	18.1	17.9
37	Lake Charles	40.5	40.5	40.8	1.2	1.2	1.1	5.7	5.7	6.7	9.0	8.9	8.7
38	Monroe	38.2	38.3	37.2	.4	.4	.4	4.4	4.4	4.4	6.8	6.9	6.6
39	New Orleans	373.1	372.0	371.6	15.0	14.7	14.3	26.7	26.3	25.8	56.4	57.0	58.4
40	Shreveport	93.9	94.8	91.5	4.0	4.0	4.3	6.7	7.3	6.9	17.6	17.6	16.1
MAINE													
41	Lewiston-Auburn	335.2	334.1	333.5	(1)	(1)	(1)	17.2	17.4	18.4	118.8	117.5	121.2
42	Lewiston-Auburn	28.7	28.6	29.3	(1)	(1)	(1)	1.5	1.5	1.6	13.5	13.5	14.5
43	Portland	65.7	65.2	63.1	(1)	(1)	(1)	3.6	3.7	3.6	16.0	15.9	15.0
MARYLAND⁵													
44	Baltimore	1,289.1	1,289.7	1,240.4	1.8	1.8	1.8	90.8	89.8	89.0	286.0	284.4	285.0
45	Baltimore	801.9	804.4	778.5	.3	.3	.3	47.6	47.2	46.0	206.7	208.2	206.5
MASSACHUSETTS													
46	Boston	2,271.5	2,261.6	2,222.6	(1)	(1)	(1)	102.7	102.2	102.6	687.8	678.9	690.9
47	Boston	1,289.2	1,286.8	1,262.5	(1)	(1)	(1)	54.9	54.6	58.0	295.5	294.0	296.4
48	Brockton	49.6	49.4	48.6	-	-	-	2.1	2.2	2.1	17.1	16.6	17.1
49	Fall River	48.0	46.3	46.9	(1)	(1)	(1)	(1)	(1)	(1)	23.2	21.7	22.6
50	Lawrence-Haverhill	81.4	80.8	82.2	(1)	(1)	(1)	2.1	2.2	2.2	38.5	38.3	41.0
51	Lowell	52.6	52.0	51.1	(1)	(1)	(1)	2.4	2.4	2.6	20.6	20.0	20.0
52	New Bedford	56.6	54.7	55.4	(1)	(1)	(1)	2.0	1.9	1.9	27.6	26.0	27.3
53	Springfield-Chicopee-Holyoke	196.6	196.9	193.8	(1)	(1)	(1)	8.9	8.5	8.6	72.7	72.5	74.1
54	Worcester	131.2	131.4	128.1	(1)	(1)	(1)	5.7	5.7	5.8	49.1	48.9	48.4

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	
4.2	4.1	3.9	15.0	15.2	14.6	3.2	3.3	3.0	9.0	8.9	8.9	19.7	19.7	18.5	1
3.4	3.4	3.2	13.3	13.3	13.0	3.7	3.7	3.5	8.5	8.5	8.6	17.1	17.2	17.0	2
3.5	3.5	3.3	14.2	14.4	13.7	4.1	4.1	3.7	8.5	8.6	8.5	27.7	28.0	27.0	3
7.3	7.5	6.8	15.0	14.9	13.6	3.0	3.0	2.9	8.7	8.7	8.5	11.7	11.3	11.6	4
23.2	23.0	21.1	62.7	62.6	60.2	16.1	16.0	15.1	53.3	53.2	49.3	72.5	73.1	70.3	5
19.5	19.4	17.8	53.8	53.7	51.5	14.9	14.9	13.9	44.2	44.2	40.8	63.8	64.3	61.6	6
14.2	14.2	14.4	48.5	48.0	47.4	7.7	7.7	7.5	31.9	31.8	30.7	47.3	47.5	46.4	7
3.2	3.2	3.2	10.8	10.7	10.4	2.7	2.7	2.5	6.1	6.1	5.8	9.2	9.2	9.3	8
(*)	296.5	279.2	(*)	945.8	925.6	(*)	231.9	226.1	(*)	679.1	660.6	(*)	601.4	594.8	9
(*)	216.5	203.1	(*)	675.9	657.5	(*)	182.0	177.6	(*)	505.0	492.0	(*)	354.0	344.4	10
(*)	(*)	216.2	(*)	(*)	693.2	(*)	(*)	183.4	(*)	(*)	512.7	(*)	(*)	364.6	11
(*)	7.4	7.2	(*)	30.0	28.9	(*)	5.3	5.1	(*)	18.5	17.1	(*)	21.9	21.9	12
(*)	7.5	7.0	(*)	28.2	27.5	(*)	5.1	5.1	(*)	19.0	17.8	(*)	14.5	14.0	13
(*)	3.6	3.2	(*)	21.0	20.4	(*)	3.1	3.0	(*)	13.6	12.7	(*)	8.4	7.4	14
99.8	99.9	97.8	357.9	357.3	348.2	75.0	75.0	72.9	207.8	208.0	200.0	274.9	276.5	274.6	15
5.2	5.1	5.2	19.2	19.1	18.9	3.3	3.3	3.3	12.9	12.3	12.6	7.7	7.7	7.9	16
8.2	8.2	7.9	26.0	26.1	24.4	6.2	6.2	6.0	15.0	15.1	14.4	10.8	10.8	10.4	17
13.6	13.6	13.1	36.2	36.1	35.7	5.9	5.9	5.8	21.1	21.1	20.7	20.8	20.8	20.2	18
28.5	28.4	27.7	92.5	92.7	91.8	29.4	29.4	28.9	51.3	51.3	49.9	64.3	64.9	63.8	19
2.4	2.4	2.3	8.7	8.7	8.2	1.4	1.4	1.4	5.2	5.3	5.1	6.5	6.8	6.5	20
4.8	4.9	4.8	20.3	20.2	20.3	4.9	4.9	4.8	16.0	15.9	16.3	9.7	9.7	10.2	21
4.2	4.2	4.2	13.1	13.0	12.7	1.8	1.8	1.8	6.4	6.4	6.2	8.9	9.0	8.5	22
52.0	52.1	51.6	207.7	207.1	202.9	41.4	41.4	39.6	141.2	140.4	137.6	161.4	164.1	155.2	23
3.3	3.3	3.2	13.0	13.0	13.0	3.3	3.2	3.1	9.5	9.5	9.3	6.8	6.9	6.3	24
9.6	9.6	9.3	31.5	31.8	31.8	14.8	15.0	13.8	21.0	20.8	20.4	16.8	17.6	16.9	25
1.8	1.8	1.7	7.0	7.0	6.1	.9	.9	.9	5.5	5.5	5.4	2.3	2.3	2.2	26
3.4	3.4	3.3	11.6	11.5	11.7	2.1	2.1	2.0	7.7	7.8	7.7	5.4	5.4	5.1	27
2.5	2.5	2.5	9.9	9.9	9.5	1.4	1.4	1.4	7.2	7.2	7.1	5.9	6.0	5.7	28
(*)	52.0	53.1	(*)	156.0	152.2	(*)	30.1	28.9	(*)	98.2	96.5	(*)	150.0	140.6	29
(*)	7.4	7.2	(*)	13.1	12.5	(*)	3.7	3.6	(*)	9.6	9.1	(*)	14.6	14.3	30
(*)	7.6	7.7	(*)	31.0	31.4	(*)	6.6	6.4	(*)	23.5	22.7	(*)	17.5	17.3	31
61.9	61.6	60.6	184.0	183.3	176.1	34.7	34.8	34.3	124.9	124.2	117.5	155.2	154.3	156.4	32
4.1	4.1	3.9	14.4	14.5	14.9	3.8	3.8	3.4	11.8	11.7	11.1	18.6	19.0	18.6	33
22.7	22.7	22.1	68.8	68.5	64.5	16.8	16.9	16.1	45.3	45.5	43.4	39.0	38.8	36.7	34
97.6	97.4	94.6	230.8	230.4	225.8	47.9	48.0	46.6	152.7	151.8	151.3	206.3	206.5	199.5	35
5.4	5.4	5.2	21.3	21.4	21.1	5.2	5.2	5.1	13.9	13.9	13.6	24.1	23.9	23.7	36
3.2	3.2	3.0	8.3	8.3	8.2	1.5	1.5	1.4	5.4	5.5	5.5	6.2	6.2	6.2	37
2.4	2.3	2.3	9.5	9.5	9.7	2.6	2.7	2.3	5.1	5.1	5.0	7.0	7.0	6.5	38
47.7	47.6	48.0	88.6	87.8	87.8	22.1	22.1	21.6	64.2	63.7	63.9	52.3	52.8	51.7	39
9.5	9.5	9.3	23.6	23.4	23.0	4.4	4.5	4.4	13.9	14.2	14.1	14.2	14.2	13.5	40
18.0	17.7	16.5	64.4	64.1	63.3	12.0	11.9	11.6	43.7	43.9	43.5	61.1	61.6	59.0	41
.9	.9	.9	5.8	5.8	5.6	.9	.9	.8	4.3	4.2	4.1	1.8	1.8	1.8	42
5.3	5.3	4.8	17.4	17.4	17.0	5.4	5.3	5.0	11.0	10.6	10.9	7.0	7.0	6.8	43
79.8	80.0	78.2	293.9	294.5	278.1	69.3	69.2	65.4	234.4	233.2	220.3	233.1	236.8	222.6	44
57.6	57.3	56.2	166.8	167.0	160.9	43.7	43.6	41.6	132.8	132.2	126.7	146.4	148.6	140.3	45
116.1	115.1	104.5	473.0	475.0	465.4	127.6	127.1	122.2	462.9	463.3	442.5	301.4	300.0	294.5	46
74.4	73.6	66.2	283.8	285.2	281.3	92.2	92.0	89.0	310.6	310.4	298.8	177.8	177.0	172.8	47
3.2	3.2	2.9	12.1	12.1	11.8	1.4	1.4	1.4	6.2	6.3	5.7	7.5	7.6	7.5	48
1.9	1.9	1.6	9.3	9.1	9.3	(1)	(1)	(1)	9.4	9.3	9.1	4.2	4.3	4.3	49
2.4	2.4	2.1	14.6	14.5	14.2	2.4	2.4	2.3	10.4	10.4	10.0	11.0	10.6	10.4	50
1.9	1.9	1.6	10.6	10.7	10.1	1.4	1.4	1.4	8.9	8.9	8.7	6.8	6.7	6.7	51
2.7	2.6	2.3	9.8	9.8	9.6	(1)	(1)	(1)	9.8	9.7	9.6	4.7	4.7	4.7	52
8.2	8.2	7.3	38.6	39.5	37.9	9.2	9.2	9.2	34.1	34.2	32.6	24.9	24.8	24.1	53
6.6	6.6	6.0	25.2	25.3	24.6	6.9	7.1	6.6	21.8	21.8	21.2	15.9	16.0	15.5	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
1	MICHIGAN	3,022.6	2,978.3	2,931.4	13.2	13.3	13.7	124.4	120.5	122.8	1,164.5	1,124.7	1,098.1
2	Ann Arbor	102.4	101.7	94.1	(1)	(1)	(1)	3.6	3.6	3.0	37.4	36.7	33.1
3	Battle Creek	60.2	60.4	59.6	(1)	(1)	(1)	2.4	2.4	1.9	27.2	27.4	27.5
4	Bay City	30.5	30.6	30.0	(1)	(1)	(1)	1.4	1.4	1.5	12.2	12.4	11.7
5	Detroit	1,510.4	1,496.4	1,456.5	1.1	1.1	.9	62.6	61.5	59.0	586.4	575.3	559.1
6	Flint	158.8	156.5	148.5	(1)	(1)	(1)	7.1	7.0	6.5	82.2	80.0	75.4
7	Grand Rapids	190.1	187.0	185.6	(1)	(1)	(1)	10.5	10.6	10.1	76.9	73.4	75.6
8	Jackson	47.4	47.1	45.8	(1)	(1)	(1)	2.5	2.4	2.1	19.7	19.6	18.7
9	Kalamazoo	71.7	71.2	69.5	(1)	(1)	(1)	3.6	3.5	3.6	30.2	30.0	29.8
10	Lansing	129.7	124.4	112.1	(1)	(1)	(1)	6.6	6.6	5.5	40.8	38.5	30.3
11	Muskegon-Muskegon Heights	52.8	51.3	50.7	(1)	(1)	(1)	2.1	2.2	1.9	28.3	26.6	26.9
12	Saginaw	73.8	72.7	71.4	(1)	(1)	(1)	4.4	4.4	3.5	33.0	32.1	32.7
13	MINNESOTA	1,310.0	1,301.5	1,271.3	16.7	16.7	16.8	76.6	75.0	75.1	331.2	325.1	325.4
14	Duluth-Superior	57.8	57.8	57.1	(1)	(1)	(1)	3.1	3.1	3.1	10.3	10.3	9.9
15	Minneapolis-St. Paul	772.5	771.7	755.7	(1)	(1)	(1)	42.7	41.7	42.5	217.1	216.5	214.0
16	MISSISSIPPI	564.2	561.0	555.0	6.3	6.3	6.3	36.1	34.9	34.6	179.7	178.3	178.8
17	Jackson	88.2	87.6	85.0	.8	.8	.8	7.2	6.8	5.9	14.3	14.4	13.9
18	MISSOURI	1,643.1	1,638.9	1,616.1	9.2	8.6	7.9	73.8	69.5	76.6	462.6	459.7	456.3
19	Kansas City	507.8	497.9	494.4	.6	.5	.6	24.1	14.7	29.1	133.1	133.0	125.4
20	St. Joseph	33.0	33.1	31.1	(4)	(4)	(4)	2.2	2.0	1.7	10.4	10.4	9.5
21	St. Louis	899.9	902.7	894.6	2.4	2.3	2.4	36.3	40.2	45.4	295.9	293.3	291.8
22	Springfield	54.2	53.3	52.6	.1	.1	.1	2.8	2.6	2.6	16.0	15.5	15.9
23	MONTANA	207.3	206.2	206.6	5.8	5.9	6.1	13.2	13.1	14.2	25.3	25.1	25.0
24	Billings	28.8	28.3	27.8	(1)	(1)	(1)	1.8	1.8	1.8	3.3	3.3	3.0
25	Great Falls	25.1	25.0	25.1	(1)	(1)	(1)	2.1	2.0	2.3	3.2	3.3	3.6
26	NEBRASKA	473.3	474.8	458.1	2.0	2.1	1.9	28.0	26.9	25.8	89.5	88.6	84.5
27	Lincoln	70.2	70.3	65.2	-	-	-	4.0	3.9	3.9	11.4	11.5	10.1
28	Omaha	200.9	201.0	193.7	(4)	(4)	(4)	12.8	11.5	11.0	38.8	38.1	37.2
29	NEVADA	195.6	195.2	184.3	4.4	4.3	4.0	12.2	11.4	10.4	7.5	7.5	7.2
30	Las Vegas	106.7	106.2	98.8	.2	.2	.2	6.6	5.9	5.4	4.1	4.1	3.8
31	Reno	53.3	53.0	50.1	.2	.2	.2	3.5	3.5	3.2	2.5	2.5	2.3
32	NEW HAMPSHIRE	268.3	265.6	262.2	.4	.4	.3	14.0	13.8	13.5	99.1	97.9	100.8
33	Manchester	48.5	48.2	48.6	(1)	(1)	(1)	2.9	2.8	2.9	16.8	16.7	18.0
34	NEW JERSEY	2,580.1	2,579.3	2,524.8	3.3	3.3	3.2	120.3	121.5	124.9	898.8	888.9	889.7
35	Atlantic City	72.9	70.7	72.1	-	-	-	3.7	3.8	3.7	11.8	11.5	11.4
36	Camden ⁸	242.1	241.2	232.8	.1	.1	.1	14.2	14.2	13.8	76.1	74.5	74.9
37	Jersey City ⁹	267.6	265.6	265.4	-	-	-	8.5	8.6	7.3	112.9	110.9	114.1
38	Newark ⁹	795.9	793.9	776.1	.5	.5	.5	34.3	34.3	33.5	260.5	256.9	256.0
39	Paterson-Clifton-Passaic ⁹	478.7	482.4	476.2	.4	.4	.4	22.0	22.2	22.9	187.1	187.4	188.9
40	Perth Amboy ⁹	255.7	254.9	243.4	.8	.8	.8	13.5	13.2	12.7	111.5	110.9	108.3
41	Trenton	131.4	131.3	128.1	(1)	(1)	(1)	3.2	3.2	4.3	42.8	42.5	40.9
42	NEW MEXICO ²	286.9	288.7	281.3	17.4	17.5	16.6	18.9	18.4	19.2	20.5	20.3	18.7
43	Albuquerque ²	104.5	104.1	98.7	(1)	(1)	(1)	7.5	7.2	6.6	8.8	8.6	7.8
44	NEW YORK	(*)	7,185.8	7,099.5	(*)	8.8	9.3	(*)	275.5	280.5	(*)	1,864.9	1,903.9
45	Albany-Schenectady-Troy	274.6	270.7	271.8	(1)	(1)	(1)	13.5	13.3	13.9	64.1	63.3	65.2
46	Binghamton	103.7	103.2	104.9	(1)	(1)	(1)	4.0	4.0	6.2	45.3	45.3	44.5
47	Buffalo	503.8	496.9	495.3	(1)	(1)	(1)	23.9	17.2	24.7	179.1	176.5	176.6
48	Elmira	38.0	37.9	40.5	(1)	(1)	(1)	2.0	1.9	2.2	14.7	14.7	17.3
49	Monroe County ¹⁰	306.3	305.3	302.3	(1)	(1)	(1)	14.8	14.4	16.1	137.4	136.3	136.0
50	Nassau and Suffolk Counties ¹¹	713.0	712.6	677.6	(1)	(1)	(1)	43.3	43.3	41.8	162.7	161.4	163.4
51	New York-Northeastern New Jersey	(*)	6,670.9	6,554.9	(*)	4.9	4.7	(*)	246.6	244.8	(*)	1,748.3	1,778.1
52	New York SMSA ⁹	(*)	4,873.8	4,793.8	(*)	3.1	3.0	(*)	168.5	168.4	(*)	1,081.5	1,110.8
53	New York City ¹¹	(*)	3,798.5	3,766.0	(*)	2.4	2.3	(*)	102.6	102.2	(*)	826.7	858.0
54	Rochester	349.7	347.2	345.4	(1)	(1)	(1)	17.0	16.9	18.9	151.7	149.3	150.8
55	Rockland County ¹¹	59.3	58.8	56.4	(1)	(1)	(1)	3.7	3.3	3.9	15.7	15.9	15.3
56	Syracuse	230.1	230.5	221.7	(1)	(1)	(1)	14.6	14.3	13.2	68.4	68.3	67.1
57	Utica-Rome	115.8	117.4	115.8	(1)	(1)	(1)	4.3	4.2	4.6	42.4	43.6	43.0
58	Westchester County ¹¹	304.7	305.2	293.7	(1)	(1)	(1)	19.9	19.3	20.6	78.4	77.6	74.0

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	
154.1	154.6	149.9	582.7	580.6	573.4	116.5	116.1	111.3	400.9	400.1	394.0	466.4	468.4	468.2	1
2.7	2.7	2.6	12.6	12.7	11.5	2.2	2.2	2.1	10.6	10.5	9.4	33.2	33.3	32.6	2
2.6	2.6	2.5	9.2	9.2	9.0	3.3	3.3	3.3	7.7	7.7	7.6	7.8	7.8	7.8	3
1.6	1.6	1.7	6.9	7.0	7.0	.8	.8	.8	3.7	3.7	3.7	3.8	3.8	3.7	4
82.0	80.6	78.6	291.3	290.5	284.7	67.2	67.0	65.6	214.5	215.3	211.7	205.3	205.1	196.8	5
5.7	6.1	4.9	24.4	23.6	24.7	4.3	4.2	4.1	16.5	16.7	15.7	18.7	18.8	17.3	6
10.2	10.1	10.1	41.9	41.9	40.2	7.5	7.6	7.4	26.4	26.3	25.5	16.7	17.1	16.7	7
4.3	4.3	4.4	8.4	8.4	8.1	1.4	1.4	1.4	5.0	5.0	4.9	6.1	6.1	6.1	8
2.5	2.5	2.5	13.1	13.1	12.3	2.2	2.2	2.2	9.0	8.9	8.6	11.1	11.0	10.5	9
3.2	3.2	3.4	20.9	20.8	20.1	5.1	5.0	5.2	15.8	14.8	14.4	37.3	35.4	33.1	10
2.8	2.8	2.7	8.1	8.1	7.9	1.3	1.3	1.2	5.3	5.3	5.3	4.8	4.9	4.8	11
4.6	4.6	4.4	13.2	13.1	13.0	2.7	2.7	2.6	8.7	8.7	8.4	7.3	7.3	6.9	12
88.2	88.1	86.3	309.5	308.2	298.7	62.6	62.5	60.3	204.8	204.2	196.5	220.6	221.7	212.3	13
7.6	7.5	8.2	13.7	13.7	13.4	2.0	2.0	2.0	11.3	11.2	11.1	9.9	9.9	9.4	14
57.2	57.5	56.1	181.5	181.4	178.4	45.1	45.2	44.0	130.8	130.7	125.2	98.1	98.7	95.6	15
29.5	29.4	28.9	102.9	103.2	101.5	19.7	19.7	19.5	64.2	64.5	63.5	125.9	124.6	121.9	16
5.5	5.5	5.5	20.2	20.3	19.5	6.7	6.7	6.6	14.4	14.3	14.0	19.2	19.0	18.9	17
125.9	127.0	124.5	362.2	363.4	359.6	89.1	89.6	86.5	253.6	254.0	249.5	266.7	267.1	255.2	18
51.1	51.6	50.4	122.7	122.5	119.9	32.9	32.9	31.5	77.1	76.7	73.9	66.2	66.0	63.6	19
2.2	2.2	2.1	7.8	7.9	7.7	1.4	1.4	1.3	4.7	4.7	4.8	4.3	4.5	4.0	20
69.4	69.4	67.9	186.7	186.8	183.3	46.9	47.1	45.8	145.1	145.6	139.9	117.2	118.0	118.1	21
4.2	4.2	4.3	12.9	12.5	12.1	2.3	2.4	2.3	8.8	8.6	8.3	7.1	7.4	7.0	22
18.3	18.2	18.5	49.1	48.9	48.6	7.9	7.9	7.7	32.4	32.4	32.3	55.3	54.7	54.2	23
2.9	2.9	2.9	9.1	9.0	8.7	1.5	1.5	1.4	5.4	5.3	5.4	4.8	4.5	4.6	24
2.0	2.0	2.0	6.5	6.6	6.2	1.4	1.4	1.4	4.8	4.6	4.5	5.1	5.1	5.1	25
37.5	37.6	37.2	116.7	116.8	112.7	28.5	28.4	27.5	76.6	77.0	75.1	94.4	97.3	93.5	26
5.0	5.1	4.9	15.1	14.9	14.2	5.5	5.5	5.2	10.7	10.6	10.1	18.4	18.8	16.8	27
21.7	21.5	21.4	50.4	50.4	48.4	16.3	16.3	15.8	34.0	34.5	32.4	26.8	28.6	27.5	28
13.2	13.1	12.4	36.8	36.8	34.6	7.2	7.2	6.9	79.0	79.5	75.5	35.3	35.4	33.3	29
6.3	6.3	6.0	20.4	20.4	18.7	3.8	3.8	3.7	49.8	50.0	46.6	15.5	15.5	14.4	30
4.8	4.7	4.5	12.2	12.1	11.4	2.6	2.6	2.6	18.2	18.1	17.5	9.3	9.3	8.4	31
11.0	10.5	9.5	49.7	49.1	46.2	10.5	10.5	10.1	52.4	52.3	51.8	31.2	31.1	30.0	32
3.1	2.9	2.8	11.4	11.4	10.9	2.8	2.8	2.8	7.8	7.8	7.5	3.7	3.8	3.7	33
174.4	173.8	169.5	521.7	523.6	499.1	115.9	115.5	112.5	398.7	400.5	386.7	347.0	352.2	339.2	34
3.6	3.6	3.6	20.8	20.2	20.7	2.9	2.9	2.9	19.0	17.9	19.6	11.1	10.8	10.2	35
11.7	11.8	11.9	54.8	54.8	49.6	8.4	8.4	8.2	34.2	34.2	32.8	42.6	43.2	41.5	36
37.4	37.2	36.9	40.7	40.6	39.7	8.9	9.0	8.8	29.0	29.3	29.2	30.2	30.0	29.4	37
61.0	61.4	58.2	152.9	153.2	147.4	55.6	55.0	53.7	130.5	131.2	127.3	100.6	101.4	99.5	38
25.0	25.2	24.4	109.9	110.5	108.0	17.6	17.5	16.8	69.2	70.3	68.8	47.5	48.9	46.0	39
13.0	13.1	10.8	46.6	46.7	43.9	5.2	5.2	5.1	26.8	26.8	25.9	38.3	38.2	35.9	40
6.9	6.9	6.6	20.0	20.0	19.8	4.6	4.6	4.4	25.6	25.6	24.7	28.3	28.5	27.4	41
19.7	19.7	20.0	60.5	60.4	59.9	11.6	11.6	11.5	56.1	56.4	53.9	82.2	84.4	81.5	42
6.4	6.4	6.5	25.4	25.4	24.8	6.4	6.4	5.9	25.8	25.7	24.1	24.2	24.4	23.0	43
(*)	505.3	496.6	(*)	1,431.0	1,401.4	(*)	598.0	576.2	(*)	1,342.4	1,298.6	(*)	1,159.7	1,133.2	44
15.2	15.2	15.0	54.2	53.5	53.2	10.7	10.7	10.8	46.8	45.8	46.0	70.1	69.0	67.7	45
4.8	4.8	4.8	17.0	16.9	17.1	3.2	3.2	3.1	12.1	11.9	11.8	17.3	17.1	17.3	46
32.1	33.5	33.1	103.0	103.4	99.3	19.1	19.1	18.8	73.9	74.6	72.1	72.8	72.7	70.8	47
1.7	1.6	1.7	7.7	7.7	7.7	1.0	1.0	.9	6.0	6.0	5.8	5.0	5.0	4.9	48
11.8	12.0	11.6	53.5	53.8	52.3	11.0	11.0	10.6	46.0	46.2	44.2	31.8	31.6	31.4	49
29.2	29.2	28.0	182.4	183.9	168.8	29.6	29.5	28.3	134.9	133.9	126.3	131.0	131.4	121.1	50
(*)	518.4	506.2	(*)	1,357.3	1,313.1	(*)	599.3	577.1	(*)	1,235.8	1,192.4	(*)	960.3	938.5	51
(*)	381.5	375.9	(*)	1,005.2	974.1	(*)	512.5	492.7	(*)	978.4	941.2	(*)	743.1	727.7	52
(*)	331.7	327.4	(*)	745.5	733.0	(*)	467.7	449.3	(*)	765.3	739.8	(*)	556.6	554.1	53
13.9	13.9	13.5	60.9	61.1	59.8	12.0	12.0	11.5	51.3	51.2	48.7	42.9	42.7	42.3	54
3.0	3.0	3.0	9.8	9.9	9.6	1.9	1.9	1.8	10.6	10.6	9.8	14.6	14.3	12.9	55
15.0	14.9	14.8	49.2	49.0	47.3	11.6	11.4	11.1	37.2	37.6	35.5	34.2	35.0	32.8	56
5.3	5.3	5.2	19.6	19.6	19.1	4.7	4.7	4.4	14.0	14.0	14.0	25.4	25.0	25.5	57
17.7	17.6	17.5	66.1	66.3	62.6	13.4	13.4	13.3	68.1	69.2	66.1	41.0	41.8	39.7	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
1	NORTH CAROLINA	1,688.4	1,680.2	1,660.7	3.5	3.6	3.6	97.6	99.2	95.4	703.9	692.6	698.4
2	Asheville	-	-	-	-	-	-	-	-	-	19.1	18.9	19.0
3	Charlotte	173.3	173.4	168.0	(1)	(1)	(1)	13.7	13.9	12.5	40.4	40.4	40.7
4	Greensboro-Winston-Salem-High Point	252.1	252.2	246.2	(1)	(1)	(1)	13.8	13.9	13.0	112.8	111.9	112.7
5	Raleigh	-	-	-	-	-	-	-	-	-	14.5	13.9	13.4
6	NORTH DAKOTA	157.0	157.1	155.3	1.9	1.9	2.0	10.6	10.2	10.4	8.8	8.8	9.4
7	Fargo-Moorhead	38.9	38.8	37.9	(1)	(1)	(1)	3.3	3.2	3.2	2.9	2.9	2.8
8	OHIO	3,914.3	3,891.7	3,750.3	20.3	20.2	20.1	201.6	199.1	184.0	1,472.6	1,448.0	1,421.7
9	Akron	243.2	244.8	238.7	.2	.2	.2	10.3	10.1	9.5	97.4	99.3	100.1
10	Canton	137.2	137.8	132.1	.3	.3	.3	6.3	6.2	6.1	62.6	63.2	61.1
11	Cincinnati	506.2	507.6	483.0	.4	.4	.4	24.9	24.5	21.7	176.1	176.5	167.4
12	Cleveland	871.4	862.7	843.8	1.5	1.5	1.6	42.2	42.0	39.6	313.6	303.4	308.4
13	Columbus	370.7	367.8	354.5	.8	.8	.8	22.4	22.0	21.1	92.2	90.3	89.4
14	Dayton	331.1	332.2	317.1	.5	.5	.5	13.9	13.7	13.4	133.5	133.5	125.7
15	Toledo	240.5	240.3	228.4	.3	.3	.3	12.2	12.4	11.1	85.4	84.4	81.5
16	Youngstown-Warren	199.9	195.5	186.7	.4	.4	.4	9.8	9.6	8.9	94.2	89.6	85.3
17	OKLAHOMA	749.7	748.6	728.8	40.2	40.4	41.8	36.9	36.8	37.8	130.0	128.1	122.3
18	Oklahoma City	245.1	245.1	235.3	6.8	6.8	6.9	13.1	13.1	12.5	35.6	35.2	32.0
19	Tulsa	179.1	178.4	175.8	13.2	13.2	13.6	9.4	9.3	9.2	44.1	43.8	43.0
20	OREGON	718.1	709.2	693.8	1.6	1.6	2.0	37.6	36.9	35.0	191.6	185.6	185.7
21	Eugene	69.3	67.5	67.8	(1)	(1)	(1)	3.9	4.2	3.9	20.5	19.2	20.4
22	Portland	383.9	380.2	366.1	(1)	(1)	(1)	21.6	21.0	19.8	95.5	93.3	90.0
23	Salem	58.8	54.0	57.5	(1)	(1)	(1)	2.8	2.6	2.8	16.6	12.2	16.9
24	PENNSYLVANIA	4,359.8	4,346.6	4,293.0	39.8	39.4	39.5	216.1	212.9	214.8	1,581.5	1,569.4	1,576.0
25	Allentown-Bethlehem-Easton	214.9	214.0	214.0	.5	.5	.5	7.5	7.4	9.6	107.9	107.1	107.6
26	Altoona	48.2	47.9	47.0	(1)	(1)	(1)	2.0	2.0	1.9	15.8	15.7	15.2
27	Erie	97.4	96.7	93.5	(1)	(1)	(1)	5.6	5.5	4.6	43.8	43.2	42.6
28	Harrisburg	172.8	174.5	168.2	(1)	(1)	(1)	10.6	11.3	8.9	39.8	40.0	40.0
29	Johnstown	80.4	80.4	79.4	4.8	4.8	5.2	4.2	4.1	3.8	26.3	26.3	26.5
30	Lancaster	118.8	118.3	115.2	(1)	(1)	(1)	6.6	6.6	6.4	57.8	57.4	56.1
31	Philadelphia	1,778.0	1,778.9	1,751.5	1.3	1.3	1.4	90.8	90.5	91.8	570.1	569.0	574.2
32	Pittsburgh	871.4	872.5	856.0	9.2	9.0	8.8	45.9	45.3	45.9	297.0	297.3	292.8
33	Reading	123.5	122.5	119.8	(1)	(1)	(1)	5.5	4.9	4.6	59.9	59.4	58.7
34	Scranton	87.2	86.3	85.8	.5	.5	.5	2.9	2.9	2.8	35.9	35.4	35.4
35	Wilkes-Barre-Hazleton	123.9	122.4	120.6	2.3	2.3	2.3	6.5	6.4	6.0	54.7	53.3	54.0
36	York	129.4	127.6	126.2	(1)	(1)	(1)	7.9	7.1	7.6	63.3	62.0	61.6
37	RHODE ISLAND	345.7	343.7	347.4	(1)	(1)	(1)	14.0	14.0	17.0	127.0	124.5	128.2
38	Providence-Pawtucket-Warwick	356.6	354.0	358.6	(1)	(1)	(1)	13.9	13.8	17.0	144.6	141.6	145.6
39	SOUTH CAROLINA	788.0	785.6	769.2	1.5	1.5	1.5	49.9	50.6	48.5	334.9	331.6	327.1
40	Charleston	86.2	86.8	84.1	(1)	(1)	(1)	5.1	5.1	5.5	16.4	16.3	15.1
41	Columbia	102.7	103.7	100.2	(1)	(1)	(1)	8.0	8.2	7.9	19.9	20.3	19.3
42	Greenville	120.9	120.4	119.1	(1)	(1)	(1)	10.4	10.3	10.7	56.1	55.6	55.1
43	SOUTH DAKOTA	175.5	174.5	171.0	2.3	2.4	2.4	11.4	10.3	8.8	16.3	16.4	16.3
44	Sioux Falls	34.8	34.9	33.7	(1)	(1)	(1)	2.3	2.2	1.8	6.3	6.4	6.4
45	TENNESSEE	1,309.3	1,307.0	1,289.0	7.5	7.5	7.3	72.6	72.3	69.5	471.5	468.0	463.2
46	Chattanooga	121.9	121.9	121.1	.3	.3	.2	5.0	4.9	5.8	52.4	51.9	50.4
47	Knoxville	148.0	149.2	145.6	1.7	1.8	1.9	7.6	7.7	7.2	48.9	49.4	48.9
48	Memphis	268.2	268.4	259.8	.2	.2	.2	15.1	14.7	15.2	61.6	61.9	60.1
49	Nashville	216.7	216.3	211.3	(1)	(1)	(1)	13.4	13.4	12.7	62.2	61.8	60.5
50	TEXAS	3,614.3	3,606.3	3,448.5	107.6	107.8	106.2	234.3	232.3	226.7	743.4	741.2	718.5
51	Amarillo	-	-	-	-	-	-	-	-	-	6.2	6.2	5.3
52	Austin	-	-	-	-	-	-	-	-	-	(*)	10.7	9.8
53	Beaumont-Port Arthur-Orange	-	-	-	-	-	-	-	-	-	38.1	37.7	35.1
54	Corpus Christi	-	-	-	-	-	-	-	-	-	11.6	11.6	10.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	
90.9	90.6	87.5	301.9	301.5	294.2	67.5	67.3	63.7	203.7	205.5	201.6	219.4	219.9	216.3	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.9	18.7	18.1	44.2	44.4	43.0	11.9	11.9	11.2	25.1	25.0	24.2	19.1	19.1	18.3	3
14.8	15.1	14.1	44.1	44.0	43.3	11.9	11.8	11.8	29.1	29.5	27.4	25.6	26.0	23.9	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.7	12.6	12.6	44.0	43.7	43.1	6.8	6.8	6.8	28.6	28.8	28.1	43.7	44.3	43.0	6
3.3	3.3	3.2	12.3	12.2	11.9	2.2	2.2	2.3	7.5	7.5	7.2	7.4	7.4	7.2	7
228.0	228.8	219.5	759.2	758.9	731.9	156.1	155.6	150.2	546.0	547.9	516.9	530.4	533.2	506.0	8
14.8	14.8	14.8	49.0	49.0	46.7	7.0	7.0	6.5	32.0	32.0	30.8	32.5	32.5	30.0	9
7.2	7.2	6.7	25.7	25.5	24.5	4.8	4.8	4.5	17.9	18.1	17.3	12.4	12.5	11.6	10
36.3	36.2	35.0	106.1	106.1	101.8	25.6	25.5	25.5	73.7	74.2	70.7	63.2	64.2	60.5	11
53.3	53.2	51.8	181.1	181.3	173.6	41.9	41.8	40.5	131.0	131.0	125.2	106.9	108.4	103.1	12
20.9	20.9	19.9	77.1	76.8	73.3	24.8	24.6	23.2	58.7	58.8	55.6	74.0	73.6	71.2	13
12.7	12.7	12.2	58.2	58.8	56.2	9.4	9.5	9.0	45.4	45.4	43.6	57.6	58.2	56.6	14
18.2	18.1	17.4	50.2	50.3	48.9	8.0	8.0	7.5	36.7	37.1	35.0	29.4	29.7	26.6	15
10.2	10.3	10.1	35.7	35.8	34.3	5.6	5.5	5.3	26.1	26.0	24.4	18.0	18.2	18.0	16
53.6	53.7	52.8	164.6	165.1	161.4	35.9	35.9	34.7	110.1	109.9	105.6	178.4	178.7	172.4	17
16.5	16.5	15.9	54.0	53.9	52.5	15.6	15.6	14.6	36.6	36.7	35.4	66.9	67.3	65.5	18
16.8	16.7	16.5	40.2	40.1	39.8	9.0	8.9	8.7	29.4	29.4	28.0	17.0	17.0	17.0	19
51.2	50.6	50.0	160.3	159.1	154.7	34.6	34.6	33.5	108.1	107.0	103.9	133.1	133.8	129.0	20
4.1	4.1	4.1	13.5	13.2	12.9	2.9	2.9	2.8	9.8	9.5	8.8	14.6	14.4	14.9	21
31.7	31.8	30.7	91.7	92.0	88.5	23.5	23.5	22.9	63.9	63.0	59.4	56.0	55.6	54.8	22
1.9	1.8	1.8	10.8	10.7	10.3	3.2	3.1	3.0	7.2	7.2	6.7	16.3	16.4	16.0	23
274.7	274.4	270.7	806.3	807.6	789.5	185.9	185.6	181.6	668.8	672.6	652.5	586.7	584.7	568.4	24
11.8	11.8	11.8	35.0	34.9	34.1	6.7	6.6	6.4	26.3	26.4	25.0	19.2	19.3	19.0	25
7.8	7.8	8.0	8.7	8.5	8.1	1.2	1.2	1.2	6.9	6.9	6.8	5.8	5.8	5.8	26
5.6	5.5	5.5	16.6	16.6	16.3	3.5	3.5	3.1	12.7	12.6	12.2	9.6	9.8	9.2	27
13.2	13.2	12.6	32.7	32.8	31.5	8.2	8.2	8.0	24.9	25.0	23.9	43.4	44.0	43.3	28
5.2	5.1	5.2	13.4	13.3	13.6	2.0	2.0	2.0	12.8	12.8	11.6	11.7	12.0	11.5	29
5.4	5.4	5.4	20.9	20.8	20.4	2.8	2.7	2.7	16.3	16.3	15.8	9.0	9.1	8.4	30
111.9	112.5	109.7	351.9	354.4	344.7	99.4	99.5	97.3	298.3	301.0	289.4	254.3	250.7	243.0	31
58.5	58.4	58.8	166.1	167.3	165.5	38.3	38.0	36.9	156.7	157.2	150.0	99.7	100.0	97.3	32
6.5	6.4	6.4	18.8	18.7	18.2	4.9	4.9	4.6	16.4	16.4	16.0	11.5	11.8	11.3	33
5.5	5.3	5.3	17.2	17.0	16.8	2.5	2.5	2.6	13.1	13.3	13.0	9.6	9.4	9.4	34
6.6	6.7	6.6	19.9	19.9	19.5	4.3	4.3	3.9	14.6	14.7	13.7	15.0	14.8	14.6	35
5.5	5.5	5.5	22.1	22.4	22.0	2.9	2.9	2.8	14.9	14.9	14.3	12.8	12.8	12.4	36
16.0	16.2	13.9	67.0	66.8	66.2	15.1	15.1	14.9	54.0	54.3	54.9	52.6	52.8	52.3	37
15.4	15.5	13.4	67.0	66.8	66.8	15.1	15.2	14.8	52.4	52.7	53.1	48.2	48.4	47.9	38
34.7	34.7	33.7	131.1	130.1	129.3	27.8	27.6	26.4	77.5	77.6	76.6	130.6	131.9	126.1	39
5.1	5.2	5.4	16.6	16.5	16.4	3.3	3.3	3.3	9.6	9.6	9.5	30.1	30.8	28.9	40
6.7	6.7	6.3	20.9	20.8	20.6	6.1	6.1	5.8	13.3	13.2	13.0	27.8	28.4	27.3	41
4.5	4.6	4.5	19.8	19.6	19.9	4.6	4.6	4.4	11.8	11.8	11.8	13.7	13.9	12.7	42
10.6	10.6	10.8	46.9	46.5	46.3	7.4	7.4	7.3	31.5	31.4	30.4	49.1	49.5	48.7	43
3.0	3.1	3.2	9.7	9.7	9.9	2.6	2.5	2.1	6.4	6.5	6.1	4.4	4.5	4.3	44
64.9	64.8	64.4	246.2	246.7	245.4	53.4	53.7	53.1	173.9	174.1	169.9	219.3	219.9	216.2	45
6.3	6.2	6.4	21.8	22.0	22.0	7.2	7.1	6.9	14.7	15.0	14.7	14.2	14.5	14.7	46
6.7	6.7	6.5	31.3	31.3	31.0	4.9	4.9	4.8	19.7	19.7	18.9	27.2	27.7	26.4	47
20.2	20.2	19.5	67.3	67.6	66.2	14.1	14.1	13.9	44.0	43.9	40.7	45.7	45.8	44.0	48
13.1	13.0	12.5	46.8	46.7	46.7	13.8	13.7	13.0	35.0	34.9	34.4	32.4	32.8	31.5	49
267.7	267.3	252.2	847.6	844.1	809.6	188.7	187.9	176.8	576.5	572.6	536.2	648.5	653.1	622.3	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
TEXAS (continued)												
1 Dallas	620.8	619.6	587.5	8.3	8.3	8.3	35.6	35.5	33.1	176.2	176.4	163.3
2 El Paso	-	-	-	-	-	-	-	-	-	23.9	23.2	20.6
3 Fort Worth	-	-	-	-	-	-	-	-	-	91.7	89.1	90.3
4 Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.3	11.2	10.8
5 Houston	738.2	735.2	705.0	29.5	29.5	28.3	71.2	69.0	68.9	144.4	143.9	139.3
6 Lubbock	-	-	-	-	-	-	-	-	-	7.0	7.0	6.2
7 San Antonio	253.0	252.9	249.7	1.5	1.5	1.5	15.6	15.8	16.2	31.1	31.1	30.1
8 Waco	-	-	-	-	-	-	-	-	-	13.1	13.1	13.5
9 Wichita Falls	-	-	-	-	-	-	-	-	-	4.5	4.4	4.0
10 UTAH	349.7	348.0	344.7	12.7	12.6	12.6	14.3	14.0	16.8	55.6	55.6	54.5
11 Salt Lake City	185.9	184.5	180.7	7.6	7.6	7.5	8.8	8.4	9.0	29.4	29.3	29.8
12 VERMONT	152.4	151.3	148.1	1.1	1.0	1.1	11.4	11.3	10.2	44.6	44.2	45.2
13 Burlington ¹²	38.2	37.7	36.4	-	-	-	-	-	-	11.2	11.2	10.9
14 Springfield ²	13.8	13.7	14.0	-	-	-	-	-	-	6.7	6.7	7.1
15 VIRGINIA ⁵	1,426.6	1,426.3	1,396.5	14.4	14.3	14.1	104.9	105.0	99.9	364.5	365.1	368.0
16 Lynchburg	49.8	50.1	48.8	(1)	(1)	(1)	2.8	2.8	2.8	23.1	23.4	22.6
17 Newport News-Hampton	97.0	96.3	95.2	(1)	(1)	(1)	5.5	5.5	5.0	26.9	27.1	28.5
18 Norfolk-Portsmouth	195.5	195.8	192.4	(1)	(1)	(1)	13.7	13.9	13.9	20.4	20.7	19.8
19 Northern Virginia ¹³	244.6	244.7	236.3	.4	.4	.4	21.2	21.1	22.2	9.5	9.5	9.5
20 Richmond	227.6	226.1	222.9	.2	.2	.2	16.4	16.4	15.8	52.0	51.2	52.5
21 Roanoke	80.4	80.4	77.4	.2	.2	.1	5.5	5.5	5.3	19.2	19.0	18.7
22 WASHINGTON	1,132.0	1,124.4	1,119.5	1.5	1.5	1.7	63.0	61.2	65.4	287.2	283.4	299.4
23 Seattle-Everett	564.2	563.6	563.2	(1)	(1)	(1)	33.2	32.2	32.9	162.7	162.4	176.3
24 Spokane	87.5	88.0	86.1	(1)	(1)	(1)	5.2	5.2	4.5	13.5	13.3	13.6
25 Tacoma	110.3	109.9	108.3	(1)	(1)	(1)	6.9	6.5	6.9	21.7	21.7	21.4
26 WEST VIRGINIA	514.0	513.3	514.0	47.5	47.5	47.3	27.2	26.8	29.1	133.5	133.4	132.3
27 Charleston	82.2	82.5	83.1	3.6	3.6	3.5	4.1	3.9	4.3	18.1	18.4	18.2
28 Huntington-Ashland	80.9	80.7	81.3	.7	.7	.7	4.4	4.5	4.9	26.2	26.1	25.6
29 Wheeling	59.2	58.8	57.2	4.4	4.4	4.0	6.2	6.2	4.9	15.1	14.8	15.6
30 WISCONSIN	1,533.1	1,517.4	1,477.9	2.9	2.8	2.8	75.3	75.4	70.9	532.0	516.5	517.6
31 Green Bay	53.2	52.1	52.2	(1)	(1)	(1)	2.6	2.6	2.7	17.5	16.9	17.6
32 Kenosha	31.9	32.2	31.5	(1)	(1)	(1)	1.2	1.3	1.5	14.0	13.7	13.8
33 La Crosse	29.6	29.1	28.9	(1)	(1)	(1)	1.4	1.4	1.5	9.1	8.7	8.8
34 Madison	114.4	115.2	111.4	(1)	(1)	(1)	7.8	7.5	7.6	17.0	16.6	15.3
35 Milwaukee	569.1	562.3	556.1	(1)	(1)	(1)	23.9	24.0	22.5	214.3	207.7	214.0
36 Racine	56.0	55.0	53.1	(1)	(1)	(1)	2.1	2.2	1.9	26.2	25.1	24.5
37 WYOMING	114.4	112.9	111.4	11.6	11.4	11.0	7.6	7.2	8.0	7.0	7.0	6.7
38 Casper	19.7	19.9	19.3	3.7	3.8	3.4	1.6	1.7	1.6	1.5	1.5	1.3
39 Cheyenne	18.6	18.8	18.8	(1)	(1)	(1)	1.7	1.6	1.4	1.1	1.1	1.0

¹Combined with services.

²Series revised to 1969 benchmark; not strictly comparable with previously published data.

³Initial inclusion in this publication.

⁴Combined with construction.

⁵Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

⁶Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

⁷Series revised to 1968 benchmark; not strictly comparable with previously published data.

⁸Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁹Area included in New York-Northeastern New Jersey Standard Consolidated Area.

¹⁰Subarea of Rochester Standard Metropolitan Statistical Area.

¹¹Subarea of New York Standard Metropolitan Statistical Area.

¹²Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

¹³Subarea of Washington Standard Metropolitan Statistical Area.

*Not available.

NOTE: Data for the current month are 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			
Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	
49.8	49.7	47.8	161.0	159.8	153.6	49.1	49.0	46.8	84.5	84.3	82.2	56.3	56.6	52.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
67.6	67.5	63.0	180.5	179.0	173.3	38.0	37.9	36.0	130.1	130.8	122.0	76.9	77.6	74.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.4	11.4	10.6	62.2	62.0	61.1	15.5	15.5	15.2	44.1	43.9	45.2	71.6	71.7	69.8	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.8	23.7	23.7	78.9	78.1	76.1	14.1	14.1	13.6	55.1	53.2	52.3	95.2	96.7	95.2	10
15.7	15.7	15.2	49.9	49.2	47.3	10.5	10.5	10.3	30.5	30.2	29.8	33.5	33.6	31.7	11
8.1	8.0	7.3	27.8	27.6	26.7	5.2	5.2	5.1	30.8	30.6	29.7	23.6	23.6	23.0	12
1.9	1.8	1.7	7.5	7.5	7.1	-	-	-	7.6	7.6	7.0	-	-	-	13
.9	.8	.8	2.0	2.1	2.0	-	-	-	1.8	1.7	1.7	-	-	-	14
97.1	97.9	96.4	289.4	287.6	280.1	65.8	66.0	62.8	207.8	207.4	200.7	282.7	283.0	274.5	15
2.5	2.4	2.4	8.3	8.3	7.9	1.9	1.9	1.9	5.7	5.8	6.1	5.5	5.5	5.1	16
4.5	4.6	4.4	16.4	16.1	14.9	2.9	2.9	2.7	11.6	11.4	10.8	29.2	28.7	28.9	17
16.5	16.5	16.3	46.2	46.0	45.0	8.8	8.7	8.6	28.5	28.5	28.3	61.4	61.5	60.5	18
20.2	20.3	19.5	56.7	56.1	54.0	14.4	14.5	13.4	43.8	43.9	41.8	78.4	78.9	75.5	19
18.4	18.4	18.2	51.0	50.6	49.3	18.0	17.9	17.3	32.6	32.4	31.9	39.0	39.0	37.7	20
10.3	10.6	10.5	19.1	19.0	17.7	3.9	3.9	3.8	12.4	12.4	12.2	9.8	9.8	9.1	21
75.1	75.4	74.7	250.8	246.5	240.2	59.7	59.3	56.6	171.2	169.9	162.9	223.5	227.2	218.6	22
40.8	41.3	40.4	125.9	125.1	120.7	36.5	36.2	34.8	83.9	83.5	79.5	81.2	82.9	78.6	23
7.7	7.7	7.7	23.1	23.0	22.8	5.0	5.1	4.9	17.6	17.6	17.1	15.4	16.1	15.5	24
6.9	6.8	6.8	25.0	24.3	23.5	6.1	6.2	5.8	18.0	18.4	17.5	25.7	26.0	26.4	25
42.2	42.2	41.7	91.9	91.6	91.0	15.3	15.3	15.0	63.0	62.9	62.8	93.3	93.6	94.8	26
9.0	9.1	9.0	18.7	18.5	18.9	4.0	4.0	3.8	11.6	11.7	11.4	13.1	13.3	14.0	27
8.1	8.1	8.2	17.0	17.0	17.1	2.8	2.8	2.7	10.1	10.1	10.0	11.7	11.5	12.2	28
3.5	3.5	3.4	12.7	12.6	12.4	2.1	2.1	2.1	8.5	8.5	8.5	6.6	6.6	6.4	29
80.1	79.5	76.9	321.4	319.8	307.8	60.6	60.7	57.5	221.2	220.4	210.6	239.7	242.3	233.9	30
4.4	4.4	4.3	13.1	12.8	12.5	1.3	1.3	1.3	7.9	7.8	7.9	6.4	6.3	6.0	31
1.2	1.3	1.3	6.0	6.0	6.0	.7	.7	.7	4.6	4.7	4.6	4.1	4.4	3.7	32
2.3	2.3	2.2	6.6	6.6	6.6	.6	.6	.6	5.8	5.7	5.5	3.7	3.9	3.8	33
4.9	4.8	4.9	22.7	22.6	21.8	6.5	6.5	6.2	16.4	16.5	15.8	39.3	40.7	39.9	34
31.2	31.0	30.0	117.9	118.0	114.2	28.3	28.4	27.0	83.5	83.9	80.3	70.0	69.4	68.0	35
2.2	2.2	2.1	9.5	9.5	9.3	1.5	1.5	1.3	7.8	7.7	7.5	6.7	6.8	6.5	36
11.3	11.2	10.9	25.6	25.3	24.5	3.6	3.6	3.6	19.3	19.2	17.9	28.4	28.0	28.8	37
1.4	1.4	1.5	4.5	4.5	4.4	.9	.9	.8	2.6	2.6	2.7	3.5	3.5	3.6	38
2.6	2.6	2.7	3.7	3.8	3.9	1.0	1.0	1.0	3.2	3.4	3.4	5.3	5.3	5.4	39

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, 1947 to date**

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Total private ¹			Manufacturing			Durable goods			Nondurable goods		
1947.....	\$45.58	40.3	\$1.131	\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....	49.00	40.0	1.225	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	50.24	39.4	1.275	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	53.13	39.8	1.335	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	57.86	39.9	1.45	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	60.65	39.9	1.52	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	63.76	39.6	1.61	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	64.52	39.1	1.65	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	67.72	39.6	1.71	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	70.74	39.3	1.80	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	73.33	38.8	1.89	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	75.08	38.5	1.95	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	78.78	39.0	2.02	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	80.67	38.6	2.09	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	82.60	38.6	2.14	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	85.91	38.7	2.22	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	88.46	38.8	2.28	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	91.33	38.7	2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....	98.82	38.6	2.56	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1967.....	101.84	38.0	2.68	114.90	40.6	2.83	123.60	41.2	3.00	102.03	39.7	2.57
1968.....	107.73	37.8	2.85	122.51	40.7	3.01	132.07	41.4	3.19	109.05	39.8	2.74
1968: September.....	110.49	38.1	2.90	125.25	41.2	3.04	135.01	41.8	3.23	112.03	40.3	2.78
October.....	110.29	37.9	2.91	125.77	41.1	3.06	135.43	41.8	3.24	111.88	40.1	2.79
November.....	109.50	37.5	2.92	125.97	40.9	3.08	136.36	41.7	3.27	111.72	39.9	2.80
December.....	110.38	37.8	2.92	127.82	41.1	3.11	137.61	41.7	3.30	113.08	40.1	2.82
1969: January.....	110.25	37.5	2.94	126.05	40.4	3.12	136.04	41.1	3.31	111.50	39.4	2.83
February.....	110.11	37.2	2.96	124.80	40.0	3.12	135.05	40.8	3.31	110.48	38.9	2.84
March.....	111.67	37.6	2.97	127.39	40.7	3.13	137.45	41.4	3.32	113.15	39.7	2.85
April.....	111.75	37.5	2.98	127.58	40.5	3.15	137.20	41.2	3.33	113.08	39.4	2.87
May.....	113.48	37.7	3.01	128.61	40.7	3.16	138.69	41.4	3.35	114.34	39.7	2.88
June.....	115.14	38.0	3.03	129.65	40.9	3.17	139.44	41.5	3.36	115.31	39.9	2.89
July.....	115.82	38.1	3.04	129.20	40.5	3.19	137.83	40.9	3.37	116.22	39.8	2.92
August.....	116.51	38.2	3.05	129.92	40.6	3.20	139.33	41.1	3.39	116.51	39.9	2.92
September.....	117.80	38.0	3.10	132.11	40.9	3.23	142.27	41.6	3.42	117.60	40.0	2.94

Year and month	Mining			Contract construction			Wholesale and retail trade			Finance, insurance, and real estate		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1947.....	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....	65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....	62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....	67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....	74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....	77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....	83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....	82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....	89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....	95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....	98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....	96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....	103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....	105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....	106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....	110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....	114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....	117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....	123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....	130.24	42.7	3.05	146.26	37.6	3.89	79.02	37.1	2.13	92.13	37.3	2.47
1967.....	135.89	42.6	3.19	154.95	37.7	4.11	81.76	36.5	2.24	95.46	37.0	2.58
1968.....	143.05	42.7	3.35	164.56	37.4	4.40	86.40	36.0	2.40	101.75	37.0	2.75
1968: September.....	146.45	43.2	3.39	173.76	38.7	4.49	88.08	36.1	2.44	103.23	37.0	2.79
October.....	138.86	41.7	3.33	173.57	38.4	4.52	87.11	35.7	2.44	103.51	37.1	2.79
November.....	148.52	42.8	3.47	159.35	35.1	4.54	87.33	35.5	2.46	103.69	36.9	2.81
December.....	151.12	43.3	3.49	168.81	37.1	4.55	87.96	35.9	2.45	104.99	37.1	2.83
1969: January.....	150.15	42.9	3.50	168.09	36.7	4.58	88.40	35.5	2.49	106.76	37.2	2.87
February.....	149.60	42.5	3.52	166.90	36.6	4.56	88.60	35.3	2.51	107.59	37.1	2.90
March.....	148.54	42.2	3.52	171.86	37.2	4.62	88.85	35.4	2.51	107.22	37.1	2.89
April.....	154.78	43.6	3.55	174.46	37.6	4.64	88.96	35.3	2.52	106.85	37.1	2.88
May.....	155.30	43.5	3.57	179.92	38.2	4.71	89.92	35.4	2.54	107.30	37.0	2.90
June.....	150.88	42.5	3.55	181.34	38.5	4.71	91.55	35.9	2.55	108.70	37.1	2.93
July.....	154.30	43.1	3.58	183.91	38.8	4.74	93.08	36.5	2.55	107.96	37.1	2.91
August.....	156.96	43.6	3.60	187.77	39.2	4.79	93.33	36.6	2.55	108.04	37.0	2.92
September.....	157.25	43.2	3.64	192.27	39.4	4.88	92.20	35.6	2.59	107.46	36.8	2.92

¹For coverage of series, see footnote 1, table B-2.
NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	TOTAL PRIVATE	\$117.80	\$116.51	\$115.82	\$110.49	\$109.16	\$3.10	\$3.05	\$3.04	\$2.90	\$2.85
-	MINING	157.25	156.96	154.30	146.45	144.62	3.64	3.60	3.58	3.39	3.34
10	METAL MINING	-	158.24	157.32	153.30	153.37	-	3.68	3.65	3.50	3.47
101	Iron ores	-	154.80	149.19	152.76	149.52	-	3.73	3.63	3.62	3.56
102	Copper ores	-	170.46	173.54	164.83	166.91	-	3.73	3.74	3.47	3.47
11,12	COAL MINING	-	167.68	156.42	152.31	152.63	-	4.13	(*)	3.77	3.75
12	Bituminous coal and lignite mining	-	169.72	159.18	154.28	154.60	-	4.17	(*)	3.80	3.78
13	OIL AND GAS EXTRACTION	-	150.92	152.98	140.28	137.28	-	3.43	3.43	3.27	3.20
131,2	Crude petroleum and natural gas fields	-	146.06	151.26	140.35	136.61	-	3.58	3.61	3.44	3.34
138	Oil and gas field services	-	154.44	154.05	139.86	138.22	-	3.35	3.32	3.15	3.12
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	155.38	152.19	145.39	143.06	-	3.32	3.28	3.12	3.07
142	Crushed and broken stone	-	162.52	156.00	147.68	145.61	-	3.31	3.25	3.02	2.99
-	CONTRACT CONSTRUCTION	192.27	187.77	183.91	173.76	170.72	4.88	4.79	4.74	4.49	4.40
15	GENERAL BUILDING CONTRACTORS	-	172.96	170.29	159.71	156.88	-	4.60	4.59	4.34	4.24
16	HEAVY CONSTRUCTION CONTRACTORS	-	198.44	191.78	181.41	180.94	-	4.51	4.46	4.18	4.15
161	Highway and street construction	-	193.97	182.75	182.34	179.69	-	4.32	4.26	4.07	4.02
162	Heavy construction, n.e.c.	-	203.08	199.98	180.59	182.32	-	4.69	4.64	4.31	4.30
17	SPECIAL TRADE CONTRACTORS	-	191.65	188.88	178.60	173.63	-	5.06	5.01	4.75	4.63
171	Plumbing, heating, air conditioning	-	201.50	201.61	190.32	184.30	-	5.18	5.13	4.88	4.75
172	Painting, paper hanging, decorating	-	175.69	170.17	164.89	157.61	-	4.84	4.74	4.53	4.33
173	Electrical work	-	227.36	224.52	206.56	199.92	-	5.60	5.53	5.19	5.10
174	Masonry, stonework, and plastering	-	176.93	172.13	163.55	161.53	-	4.97	4.89	4.62	4.55
176	Roofing and sheetmetal work	-	158.59	157.96	146.30	146.83	-	4.43	4.40	4.18	4.09
-	MANUFACTURING	132.11	129.92	129.20	125.25	121.69	3.23	3.20	3.19	3.04	2.99
19,24,25, 32-39	DURABLE GOODS	142.27	139.33	137.83	135.01	130.29	3.42	3.39	3.37	3.23	3.17
20-23,26-31	NONDURABLE GOODS	117.60	116.51	116.22	112.03	110.55	2.94	2.92	2.92	2.78	2.75
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	144.38	141.45	136.91	137.85	134.05	3.53	3.51	3.44	3.29	3.23
192	Ammunition, except for small arms	141.10	138.20	132.21	135.20	131.43	3.51	3.49	3.39	3.25	3.19
1925	Complete guided missiles	-	172.60	166.00	155.21	153.14	-	4.09	4.00	3.74	3.69
1929	Ammunition, exc. for small arms, nec	-	119.95	114.61	123.85	118.08	-	3.14	3.04	2.97	2.88
24	LUMBER AND WOOD PRODUCTS	113.40	112.31	108.78	109.03	107.53	2.80	2.78	2.74	2.64	2.61
242	Sawmills and planing mills	107.87	106.93	104.01	105.00	104.42	2.67	2.66	2.62	2.53	2.51
2421	Sawmills and planing mills, general	-	110.28	106.92	108.32	108.00	-	2.75	2.70	2.61	2.59
243	Millwork, plywood & related products	117.41	117.38	113.87	116.90	113.71	2.95	2.92	2.89	2.79	2.74
2431	Millwork	-	114.26	110.58	111.78	110.02	-	2.90	2.85	2.76	2.69
2432	Veneer and plywood	-	118.32	114.34	121.24	115.50	-	2.90	2.88	2.80	2.75
244	Wooden containers	90.16	90.97	91.83	89.55	88.18	2.30	2.28	2.29	2.25	2.21
2441,2	Wooden boxes, shooks, and crates	-	90.90	90.27	88.00	87.20	-	2.25	2.24	2.20	2.18
249	Miscellaneous wood products	100.70	100.53	98.49	94.48	94.94	2.45	2.44	2.42	2.31	2.31
25	FURNITURE AND FIXTURES	108.00	107.98	104.01	104.33	102.18	2.66	2.64	2.62	2.52	2.48
251	Household furniture	101.91	101.34	97.32	98.47	96.35	2.51	2.49	2.47	2.39	2.35
2511	Wood household furniture	-	97.58	93.67	92.99	91.52	-	2.34	2.33	2.23	2.20
2512	Upholstered household furniture	-	105.86	100.99	104.34	101.81	-	2.68	2.63	2.57	2.52
2515	Mattresses and bedsprings	-	108.11	103.57	106.78	104.12	-	2.73	2.69	2.63	2.59
252	Office furniture	-	123.73	124.44	123.84	121.26	-	2.96	2.97	2.86	2.82
254	Partitions and fixtures	-	137.85	133.33	128.33	124.23	-	3.29	3.26	3.07	3.03
253,9	Other furniture and fixtures	112.40	111.60	107.64	110.12	108.00	2.86	2.79	2.76	2.66	2.59
32	STONE, CLAY, AND GLASS PRODUCTS	138.35	136.43	133.24	129.93	128.05	3.24	3.21	3.18	3.05	3.02
321	Flat glass	-	178.37	172.14	167.52	164.21	-	4.11	4.06	3.86	3.81
322	Glass and glassware, pressed or blown	131.95	131.70	130.73	126.28	125.56	3.25	3.26	3.26	3.08	3.07
3221	Glass containers	-	136.55	135.54	132.34	131.84	-	3.38	3.38	3.22	3.20
3229	Pressed and blown glass, n.e.c.	-	124.53	123.60	117.50	115.83	-	3.09	3.09	2.88	2.86
324	Cement, hydraulic	158.26	154.50	153.82	148.10	147.91	3.86	3.75	3.68	3.56	3.53
325	Structural clay products	112.06	111.65	110.02	106.45	105.37	2.72	2.71	2.69	2.59	2.57
3251	Brick and structural clay tile	-	107.01	106.17	102.72	101.82	-	2.56	2.54	2.44	2.43
326	Pottery and related products	-	114.80	112.71	109.42	107.80	-	2.87	2.89	2.77	2.75
327	Concrete, gypsum, and plaster products	150.40	147.80	144.26	141.52	139.08	3.32	3.27	3.22	3.09	3.05
328,9	Other stone and nonmetallic mineral products	135.66	133.95	131.75	127.91	124.12	3.23	3.22	3.19	3.06	3.02
3291	Abrasive products	-	130.48	130.41	122.14	117.81	-	3.32	3.31	3.10	3.06

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
-	TOTAL PRIVATE	38.0	38.2	38.1	38.1	38.3	-	-	-	-	-
-	MINING	43.2	43.6	43.1	43.2	43.3	-	-	-	-	-
10	METAL MINING	-	43.0	43.1	43.8	44.2	-	-	-	-	-
101	Iron ores	-	41.5	41.1	42.2	42.0	-	-	-	-	-
102	Copper ores	-	45.7	46.4	47.5	48.1	-	-	-	-	-
11,12	COAL MINING	-	40.6	(*)	40.4	40.7	-	-	-	-	-
12	Bituminous coal and lignite mining . .	-	40.7	(*)	40.6	40.9	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	44.0	44.6	42.9	42.9	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.8	41.9	40.8	40.9	-	-	-	-	-
138	Oil and gas field services	-	46.1	46.4	44.4	44.3	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.8	46.4	46.6	46.6	-	-	-	-	-
142	Crushed and broken stone	-	49.1	48.0	48.9	48.7	-	-	-	-	-
-	CONTRACT CONSTRUCTION	39.4	39.2	38.8	38.7	38.8	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS . .	-	37.6	37.1	36.8	37.0	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS .	-	44.0	43.0	43.4	43.6	-	-	-	-	-
161	Highway and street construction . . .	-	44.9	42.9	44.8	44.7	-	-	-	-	-
162	Heavy construction, n e c	-	43.3	43.1	41.9	42.4	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	37.8	37.7	37.6	37.5	-	-	-	-	-
171	Plumbing, heating, air conditioning . .	-	38.9	39.3	39.0	38.8	-	-	-	-	-
172	Painting, paper hanging, decorating . .	-	36.3	35.9	36.4	36.4	-	-	-	-	-
173	Electrical work	-	40.6	40.6	39.8	39.2	-	-	-	-	-
174	Masonry, stonework, and plastering . .	-	35.6	35.2	35.4	35.5	-	-	-	-	-
176	Roofing and sheet metal work	-	35.8	35.9	35.0	35.9	-	-	-	-	-
-	MANUFACTURING	40.9	40.6	40.5	41.2	40.7	3.8	3.7	3.5	4.0	3.6
19,24,25, 32-39	DURABLE GOODS	41.6	41.1	40.9	41.8	41.1	4.0	3.8	3.6	4.2	3.6
20-23,26-31	NONDURABLE GOODS	40.0	39.9	39.8	40.3	40.2	3.6	3.5	3.4	3.8	3.5
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	40.9	40.3	39.8	41.9	41.5	-	2.6	2.3	4.3	3.7
192	Ammunition, except for small arms . .	40.2	39.6	39.0	41.6	41.2	-	2.2	1.6	4.4	3.6
1925	Complete guided missiles	-	42.2	41.5	41.5	41.5	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	38.2	37.7	41.7	41.0	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.5	40.4	39.7	41.3	41.2	-	3.9	3.6	4.5	4.2
242	Sawmills and planing mills	40.4	40.2	39.7	41.5	41.6	-	4.0	3.8	4.6	4.6
2421	Sawmills and planing mills, general	-	40.1	39.6	41.5	41.7	-	-	-	-	-
243	Millwork, plywood & related products .	39.8	40.2	39.4	41.9	41.5	-	3.4	3.2	4.7	4.2
2431	Millwork	-	39.4	38.8	40.5	40.9	-	-	-	-	-
2432	Veneer and plywood	-	40.8	39.7	43.3	42.0	-	-	-	-	-
244	Wooden containers	39.2	39.9	40.1	39.8	39.9	-	3.5	3.9	3.4	3.1
2441,2	Wooden boxes, shooks, and crates . . .	-	40.4	40.3	40.0	40.0	-	-	-	-	-
249	Miscellaneous wood products	41.1	41.2	40.7	40.9	41.1	-	3.9	3.7	3.9	3.6
25	FURNITURE AND FIXTURES	40.6	40.9	39.7	41.4	41.2	-	3.4	3.0	4.1	3.7
251	Household furniture	40.6	40.7	39.4	41.2	41.0	-	3.2	2.8	3.9	3.5
2511	Wood household furniture	-	41.7	40.2	41.7	41.6	-	-	-	-	-
2512	Upholstered household furniture . . .	-	39.5	38.4	40.6	40.4	-	-	-	-	-
2515	Mattresses and bedsprings	-	39.6	38.5	40.6	40.2	-	-	-	-	-
252	Office furniture	-	41.8	41.9	43.3	43.0	-	4.7	4.5	5.2	4.9
254	Partitions and fixtures	-	41.9	40.9	41.8	41.0	-	4.3	3.5	4.5	3.8
253,9	Other furniture and fixtures	39.3	40.0	39.0	41.4	41.7	-	3.3	2.6	4.2	4.5
32	STONE, CLAY, AND GLASS PRODUCTS . .	42.7	42.5	41.9	42.6	42.4	-	5.2	4.9	5.3	4.8
321	Flat glass	-	43.4	42.4	43.4	43.1	-	5.5	4.5	6.2	4.6
322	Glass and glassware, pressed or blown	40.6	40.4	40.1	41.0	40.9	-	4.5	4.5	4.7	4.6
3221	Glass containers	-	40.4	40.1	41.1	41.2	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	40.3	40.0	40.8	40.5	-	-	-	-	-
324	Cement, hydraulic	41.0	41.2	41.8	41.6	41.9	-	3.1	3.2	2.9	2.9
325	Structural clay products	41.2	41.2	40.9	41.1	41.0	-	4.1	4.1	4.1	3.9
3251	Brick and structural clay tile	-	41.8	41.8	42.1	41.9	-	-	-	-	-
326	Pottery and related products	-	40.0	39.0	39.5	39.2	-	3.0	2.6	2.7	2.1
327	Concrete, gypsum and plaster products	45.3	45.2	44.8	45.8	45.6	-	7.5	7.2	8.0	7.5
328,9	Other stone and nonmetallic mineral products	42.0	41.6	41.3	41.8	41.1	-	4.1	3.8	4.2	3.5
3291	Abrasive products	-	39.3	39.4	39.4	38.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	\$161.70	\$160.90	\$157.66	\$148.68	\$142.36	\$3.85	\$3.84	\$3.79	\$3.60	\$3.55
331	Blast furnace and basic steel products ..	(*)	170.57	167.23	150.51	144.39	(*)	4.11	4.02	3.82	3.77
3312	Blast furnaces and steel mills	-	173.05	169.74	152.49	145.54	-	4.19	4.09	3.90	3.84
332	Iron and steel foundries	150.30	150.30	145.44	145.68	137.28	3.57	3.57	3.53	3.38	3.30
3321	Gray iron foundries	-	151.79	143.56	148.58	139.02	-	3.58	3.51	3.40	3.31
3322	Malleable iron foundries	-	156.14	156.49	145.31	138.51	-	3.70	3.78	3.51	3.42
3323	Steel foundries	-	145.25	146.58	140.25	132.75	-	3.50	3.49	3.30	3.23
333,4	Nonferrous metals	157.54	153.85	154.64	147.66	144.67	3.63	3.62	3.63	3.45	3.42
3334	Primary aluminum	-	167.63	167.25	161.97	159.36	-	4.02	4.03	3.82	3.84
335	Nonferrous rolling and drawing	154.73	153.51	149.32	147.47	143.14	3.59	3.57	3.53	3.39	3.36
3351	Copper rolling and drawing	-	156.96	153.08	149.11	145.09	-	3.60	3.56	3.42	3.39
3352	Aluminum rolling and drawing	-	155.55	152.10	149.73	148.01	-	3.66	3.63	3.45	3.45
3357	Nonferrous wire drawing and insulating	-	152.42	144.90	147.07	140.15	-	3.52	3.45	3.35	3.29
336	Nonferrous foundries	139.10	135.79	134.46	131.97	127.70	3.36	3.32	3.32	3.18	3.13
3361	Aluminum castings	-	139.06	136.28	135.43	130.70	-	3.40	3.39	3.24	3.18
3362,9	Other nonferrous castings	-	132.84	131.78	129.27	124.74	-	3.24	3.23	3.13	3.08
339	Miscellaneous primary metal products ..	170.89	165.98	167.18	164.35	154.50	4.04	3.99	3.99	3.84	3.75
3391	Iron and steel forgings	-	172.22	171.81	172.06	158.36	-	4.16	4.14	4.02	3.91
34	FABRICATED METAL PRODUCTS	141.20	138.20	136.78	136.43	132.09	3.37	3.33	3.32	3.21	3.16
341	Metal cans	170.43	179.60	174.27	172.21	176.53	3.90	3.93	3.89	3.76	3.78
342	Cutlery, hand tools, and hardware	132.57	128.52	127.26	129.27	122.70	3.21	3.15	3.17	3.10	3.00
3421,3,5	Cutlery and hand tools, incl. saws	-	125.45	124.43	124.27	116.64	-	3.09	3.08	2.98	2.88
3429	Hardware, n e c	-	130.47	129.28	132.19	126.90	-	3.19	3.20	3.17	3.08
343	Plumbing and heating, except electric ..	129.88	125.96	123.69	124.31	120.58	3.16	3.11	3.10	3.01	2.97
3431,2	Sanitary ware & plumbers' brass goods ..	-	125.20	122.77	125.86	120.80	-	3.13	3.14	3.04	2.99
3433	Heating equipment, except electric	-	127.10	124.74	123.19	119.66	-	3.10	3.08	2.99	2.94
344	Fabricated structural metal products	139.18	137.12	135.14	131.57	128.44	3.37	3.32	3.28	3.14	3.11
3441	Fabricated structural steel	-	139.19	136.21	132.51	128.54	-	3.33	3.29	3.14	3.12
3442	Metal doors, sash, and trim	-	115.37	111.67	112.06	110.70	-	2.87	2.82	2.76	2.72
3443	Fabricated plate work (boiler shops) ..	-	145.60	146.16	141.10	137.19	-	3.50	3.48	3.32	3.29
3444	Sheet metal work	-	144.67	143.09	134.55	131.84	-	3.52	3.49	3.25	3.20
3446,9	Architectural and misc. metal work	-	133.44	131.15	131.94	129.25	-	3.20	3.13	3.09	3.07
345	Screw machine products, bolts, etc.	150.23	145.09	142.04	140.28	133.76	3.43	3.39	3.35	3.21	3.14
3451	Screw machine products	-	138.09	136.59	134.23	126.90	-	3.28	3.26	3.10	3.00
3452	Bolts, nuts, rivets, and washers	-	152.25	147.58	145.97	139.96	-	3.50	3.44	3.31	3.27
346	Metal stampings	156.59	149.76	150.02	154.61	146.28	3.65	3.60	3.65	3.53	3.45
347	Metal services, n e c	122.36	120.66	119.77	117.42	113.55	2.97	2.95	2.95	2.85	2.79
348	Misc. fabricated wire products	126.07	123.93	120.30	119.11	115.46	3.06	3.03	3.00	2.87	2.83
349	Misc. fabricated metal products	136.03	133.16	131.70	131.04	127.51	3.27	3.24	3.22	3.12	3.08
3494,8	Valves, pipe, and pipe fittings	-	136.21	133.99	134.20	130.00	-	3.29	3.26	3.18	3.14
35	MACHINERY, EXCEPT ELECTRICAL	152.28	149.58	148.39	143.40	139.03	3.60	3.57	3.55	3.39	3.35
351	Engines and turbines	162.68	157.14	154.75	153.09	142.56	3.92	3.88	3.84	3.68	3.60
3511	Steam engines and turbines	-	164.74	157.18	159.09	142.43	-	3.96	3.91	3.77	3.69
3519	Internal combustion engines, n e c	-	153.60	153.54	150.33	142.40	-	3.84	3.81	3.64	3.56
352	Farm machinery	-	137.71	134.59	133.93	129.30	-	3.46	3.46	3.34	3.29
353	Construction and related machinery	149.46	147.14	149.25	141.20	140.11	3.55	3.52	3.52	3.37	3.36
3531,2	Construction and mining machinery	-	149.82	152.34	145.53	144.42	-	3.61	3.61	3.49	3.48
3533	Oil field machinery	-	144.75	140.48	136.74	134.30	-	3.32	3.29	3.18	3.16
3535,6	Conveyors, hoists, cranes, monorails ..	-	146.72	153.82	139.83	138.42	-	3.51	3.52	3.29	3.28
3537	Industrial trucks and tractors	-	136.86	139.77	130.41	128.13	-	3.33	3.32	3.15	3.08
354	Metal working machinery	172.38	169.56	167.96	158.34	153.36	3.90	3.88	3.87	3.64	3.60
3541	Machine tools, metal cutting types	-	165.79	162.26	155.88	145.67	-	3.82	3.80	3.60	3.51
3544	Special dies, tools, jigs & fixtures ..	-	187.23	185.09	174.33	170.72	-	4.17	4.15	3.90	3.88
3545	Machine tool accessories	-	147.80	153.19	141.54	137.45	-	3.57	3.63	3.37	3.32
3542,8	Misc. metal working machinery	-	157.47	154.08	146.29	142.30	-	3.62	3.60	3.41	3.38
355	Special industry machinery	145.34	141.28	139.95	138.03	132.51	3.38	3.34	3.34	3.21	3.17
3551	Food products machinery	-	144.55	145.31	140.48	138.42	-	3.50	3.51	3.29	3.28
3552	Textile machinery	-	120.56	119.13	117.43	112.19	-	2.85	2.85	2.75	2.71
3555	Printing trades machinery	-	148.93	148.57	150.93	142.62	-	3.58	3.58	3.51	3.47
356	General industrial machinery	151.56	149.58	146.97	143.31	140.37	3.60	3.57	3.57	3.38	3.35
3561	Pumps and compressors	-	143.94	139.26	139.83	137.25	-	3.46	3.43	3.29	3.26
3562	Ball and roller bearings	-	154.93	150.33	148.78	148.78	-	3.68	3.64	3.46	3.46
3564	Blowers and fans	-	140.10	140.77	135.01	130.38	-	3.32	3.32	3.23	3.18
3566	Power transmission equipment	-	148.05	149.60	140.53	136.29	-	3.50	3.52	3.33	3.30
357	Office and computing machines	147.65	144.99	148.01	142.12	135.35	3.61	3.58	3.61	3.40	3.35
3573	Electronic computing equipment	-	149.92	146.88	144.82	138.27	-	3.63	3.60	3.36	3.30
358	Service industry machines	129.92	131.05	131.61	127.00	121.81	3.24	3.22	3.21	3.09	3.03
3585	Refrigeration machinery	-	132.28	133.90	127.20	121.70	-	3.25	3.25	3.11	3.05
359	Misc. machinery, except electrical	149.99	146.63	144.16	140.18	135.46	3.48	3.45	3.40	3.26	3.21

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	42.0	41.9	41.6	41.3	40.1	-	4.2	3.9	3.7	3.3
331	Blast furnace and basic steel products	(*)	41.5	41.6	39.4	38.3	-	3.5	3.3	1.8	1.9
3312	Blast furnaces and steel mills	-	41.3	41.5	39.1	37.9	-	-	-	-	-
332	Iron and steel foundries	42.1	42.1	41.2	43.1	41.6	-	5.2	4.3	5.8	4.9
3321	Gray iron foundries	-	42.4	40.9	43.7	42.0	-	-	-	-	-
3322	Malleable iron foundries	-	42.2	41.4	41.4	40.5	-	-	-	-	-
3323	Steel foundries	-	41.5	42.0	42.5	41.1	-	-	-	-	-
333,4	Nonferrous metals	43.4	42.5	42.6	42.8	42.3	-	4.9	4.8	4.5	4.3
3334	Primary aluminum	-	41.7	41.5	42.4	41.5	-	-	-	-	-
335	Nonferrous rolling and drawing	43.1	43.0	42.3	43.5	42.6	-	5.2	4.7	5.3	4.7
3351	Copper rolling and drawing	-	43.6	43.0	43.6	42.8	-	-	-	-	-
3352	Aluminum rolling and drawing	-	42.5	41.9	43.4	42.9	-	-	-	-	-
3357	Nonferrous wire drawing and insulating	-	43.3	42.0	43.9	42.6	-	-	-	-	-
336	Nonferrous foundries	41.4	40.9	40.5	41.5	40.8	-	3.9	3.6	4.5	3.9
3361	Aluminum castings	-	40.9	40.2	41.8	41.1	-	-	-	-	-
3362,9	Other nonferrous castings	-	41.0	40.8	41.3	40.5	-	-	-	-	-
339	Miscellaneous primary metal products	42.3	41.6	41.9	42.8	41.2	-	4.7	5.1	5.5	4.5
3391	Iron and steel forgings	-	41.4	41.5	42.8	40.5	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.9	41.5	41.2	42.5	41.8	-	4.2	4.0	5.0	4.4
341	Metal cans	43.7	45.7	44.8	45.8	46.7	-	6.8	5.6	7.4	7.9
342	Cutlery, hand tools, and hardware	41.3	40.8	40.4	41.7	40.9	-	3.1	2.7	3.8	3.2
3421,3,5	Cutlery and hand tools, incl. saws	-	40.6	40.4	41.7	40.5	-	-	-	-	-
3429	Hardware, n e c	-	40.9	40.4	41.7	41.2	-	-	-	-	-
343	Plumbing and heating, except electric	41.1	40.5	39.9	41.3	40.6	-	3.3	2.8	3.7	3.1
3431,2	Sanitary ware & plumbers' brass goods	-	40.0	39.1	41.4	40.4	-	-	-	-	-
3433	Heating equipment, except electric	-	41.0	40.5	41.2	40.7	-	-	-	-	-
344	Fabricated structural metal products	41.3	41.3	41.2	41.9	41.3	-	4.0	3.9	4.4	4.0
3441	Fabricated structural steel	-	41.8	41.4	42.2	41.2	-	-	-	-	-
3442	Metal doors, sash, and trim	-	40.2	39.6	40.6	40.7	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	41.6	42.0	42.5	41.7	-	-	-	-	-
3444	Sheet metal work	-	41.1	41.0	41.4	41.2	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.7	41.9	42.7	42.1	-	-	-	-	-
345	Screw machine products, bolts, etc.	43.8	42.8	42.4	43.7	42.6	-	5.7	4.6	5.7	4.5
3451	Screw machine products	-	42.1	41.9	43.3	42.3	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	43.5	42.9	44.1	42.8	-	-	-	-	-
346	Metal stampings	42.9	41.6	41.1	43.8	42.4	-	4.5	4.9	6.5	5.6
347	Metal services, n e c	41.2	40.9	40.6	41.2	40.7	-	4.3	4.1	4.6	4.1
348	Misc. fabricated wire products	41.2	40.9	40.1	41.5	40.8	-	3.9	3.2	4.2	3.6
349	Misc. fabricated metal products	41.6	41.1	40.9	42.0	41.4	-	3.8	3.7	4.3	3.8
3494,8	Valves, pipe, and pipe fittings	-	41.4	41.1	42.2	41.4	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.3	41.9	41.8	42.3	41.5	-	4.2	4.1	4.2	3.7
351	Engines and turbines	41.5	40.5	40.3	41.6	39.6	-	4.2	3.9	4.2	3.4
3511	Steam engines and turbines	-	41.6	40.2	42.2	38.6	-	-	-	-	-
3519	Internal combustion engines, n e c	-	40.0	40.3	41.3	40.0	-	-	-	-	-
352	Farm machinery	-	39.8	38.9	40.1	39.3	-	2.4	1.9	2.4	2.0
353	Construction and related machinery	42.1	41.8	42.4	41.9	41.7	-	4.0	4.3	3.9	3.8
3531,2	Construction and mining machinery	-	41.5	42.2	41.7	41.5	-	-	-	-	-
3533	Oil field machinery	-	43.6	42.7	43.0	42.5	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	41.8	43.7	42.5	42.2	-	-	-	-	-
3537	Industrial trucks and tractors	-	41.1	42.1	41.4	41.6	-	-	-	-	-
354	Metal working machinery	44.2	43.7	43.4	43.5	42.6	-	5.6	5.5	5.1	4.7
3541	Machine tools, metal cutting types	-	43.4	42.7	43.3	41.5	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	44.9	44.6	44.7	44.0	-	-	-	-	-
3545	Machine tool accessories	-	41.4	42.2	42.0	41.4	-	-	-	-	-
3542,8	Misc. metal working machinery	-	43.5	42.8	42.9	42.1	-	-	-	-	-
355	Special industry machinery	43.0	42.3	41.9	43.0	41.8	-	4.5	4.2	4.8	3.9
3551	Food products machinery	-	41.3	41.4	42.7	42.2	-	-	-	-	-
3552	Textile machinery	-	42.3	41.8	42.7	41.4	-	-	-	-	-
3555	Printing trades machinery	-	41.6	41.5	43.0	41.1	-	-	-	-	-
356	General industrial machinery	42.1	41.9	41.4	42.4	41.9	-	4.1	3.9	4.2	3.8
3561	Pumps and compressors	-	41.6	40.6	42.5	42.1	-	-	-	-	-
3562	Ball and roller bearings	-	42.1	41.3	43.0	43.0	-	-	-	-	-
3564	Blowers and fans	-	42.2	42.4	41.8	41.0	-	-	-	-	-
3566	Power transmission equipment	-	42.3	42.5	42.2	41.3	-	-	-	-	-
357	Office and computing machines	40.9	40.5	41.0	41.8	40.7	-	2.6	3.0	3.2	2.2
3573	Electronic computing equipment	-	41.3	40.8	43.1	41.9	-	-	-	-	-
358	Service industry machines	40.1	40.7	41.0	41.1	40.2	-	3.1	3.4	3.2	2.3
3585	Refrigeration machinery	-	40.7	41.2	40.9	39.9	-	-	-	-	-
359	Misc. machinery, except electrical	43.1	42.5	42.4	43.0	42.2	-	5.1	4.6	5.4	4.7

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES ...	\$126.67	\$124.93	\$122.98	\$120.66	\$117.97	\$3.12	\$3.10	\$3.09	\$2.95	\$2.92
361	Electric test & distributing equipment ...	134.27	131.11	132.34	128.24	124.75	3.22	3.19	3.22	3.09	3.05
3611	Electric measuring instruments ...	-	118.48	117.41	113.40	114.49	-	2.94	2.95	2.80	2.82
3612	Transformers ...	-	135.53	134.69	130.42	129.17	-	3.25	3.23	3.12	3.12
3613	Switchgear and switchboard apparatus ...	-	138.02	142.27	137.76	129.74	-	3.35	3.42	3.28	3.18
362	Electrical industrial apparatus ...	133.40	131.29	130.88	124.84	122.21	3.23	3.21	3.20	3.03	3.01
3621	Motors and generators ...	-	133.49	133.31	127.91	123.82	-	3.24	3.22	3.06	3.02
3622	Industrial controls ...	-	126.67	126.86	119.58	118.00	-	3.12	3.14	2.96	2.95
363	Household appliances ...	132.84	132.59	130.47	131.24	128.64	3.28	3.29	3.27	3.17	3.13
3632	Household refrigerators and freezers ...	-	145.27	145.96	141.58	140.22	-	3.65	3.56	3.47	3.42
3633	Household laundry equipment ...	-	149.39	136.97	144.48	137.28	-	3.54	3.45	3.36	3.30
3634	Electric housewares and fans ...	-	107.73	104.49	106.34	102.66	-	2.66	2.70	2.60	2.56
364	Electric lighting and wiring equipment ...	117.79	116.40	113.39	112.72	110.55	2.93	2.91	2.90	2.79	2.75
3641	Electric lamps ...	-	111.65	111.27	108.47	110.80	-	2.90	2.89	2.76	2.77
3642	Lighting fixtures ...	-	122.91	112.51	116.85	110.15	-	3.02	2.93	2.85	2.74
3643,4	Wiring devices ...	-	114.86	114.91	111.65	110.15	-	2.85	2.88	2.75	2.74
365	Radio and TV receiving equipment ...	105.15	105.42	103.03	100.69	99.00	2.71	2.71	2.69	2.53	2.50
366	Communication equipment ...	146.85	143.85	138.00	136.12	132.19	3.53	3.50	3.45	3.28	3.24
3661	Telephone and telegraph apparatus ...	-	152.51	138.50	140.08	135.12	-	3.58	3.48	3.40	3.32
3662	Radio and TV communication equipment ...	-	138.63	137.94	133.95	130.88	-	3.44	3.44	3.22	3.20
367	Electronic components and accessories ...	107.59	105.99	104.52	102.68	101.52	2.71	2.69	2.68	2.58	2.57
3671-3	Electron tubes ...	-	115.82	112.71	110.54	110.60	-	2.91	2.89	2.82	2.80
3674,9	Other electronic components ...	-	104.15	102.31	101.20	99.15	-	2.65	2.63	2.53	2.51
369	Misc. electrical equipment & supplies ...	140.19	136.27	135.41	136.18	129.92	3.37	3.34	3.36	3.25	3.20
3694	Engine electrical equipment ...	-	139.90	141.15	140.49	131.99	-	3.48	3.41	3.41	3.35
37	TRANSPORTATION EQUIPMENT ...	165.90	159.17	162.66	160.07	150.70	3.95	3.93	3.91	3.74	3.64
371	Motor vehicles and equipment ...	(*)	165.17	175.55	173.36	158.18	(*)	4.15	4.16	3.94	3.83
3711	Motor vehicles ...	-	165.88	185.31	181.40	159.99	-	4.40	4.35	4.04	4.03
3712	Passenger car bodies ...	-	154.30	191.74	178.08	205.62	-	4.31	4.48	4.20	4.00
3713	Truck and bus bodies ...	-	136.15	137.89	142.28	130.82	-	3.37	3.43	3.34	3.23
3714	Motor vehicle parts and accessories ...	-	173.01	173.03	170.87	159.89	-	4.09	4.11	3.91	3.78
3715	Truck trailers ...	-	122.49	123.01	122.59	121.69	-	3.07	3.06	2.99	2.99
372	Aircraft and parts ...	165.03	162.60	159.33	153.77	152.04	3.92	3.89	3.83	3.67	3.62
3721	Aircraft ...	-	165.42	160.09	154.61	152.82	-	3.92	3.83	3.69	3.63
3722	Aircraft engines and engine parts ...	-	156.75	157.90	152.81	151.57	-	3.88	3.87	3.70	3.67
3723,9	Other aircraft parts and equipment ...	-	160.32	158.42	152.44	151.59	-	3.79	3.79	3.57	3.55
373	Ship and boat building and repairing ...	147.74	145.48	145.25	142.90	136.12	3.63	3.61	3.56	3.46	3.42
3731	Ship building and repairing ...	-	153.95	154.22	151.94	145.20	-	3.82	3.78	3.67	3.63
3732	Boat building and repairing ...	-	116.35	114.93	111.11	104.01	-	2.88	2.81	2.71	2.66
374	Railroad equipment ...	-	159.44	157.44	142.92	139.55	-	3.87	3.84	3.60	3.56
375,9	Other transportation equipment ...	-	113.58	115.82	115.64	114.95	-	2.89	2.91	2.80	2.79
38	INSTRUMENTS AND RELATED PRODUCTS ...	131.43	129.34	127.17	123.22	120.80	3.19	3.17	3.14	3.02	2.99
381	Engineering & scientific instruments ...	-	148.45	148.81	138.51	134.64	-	3.56	3.56	3.37	3.30
382	Mechanical measuring & control devices ...	126.98	125.33	124.00	120.88	118.30	3.12	3.11	3.10	2.97	2.95
3821	Mechanical measuring devices ...	-	128.52	126.77	121.20	118.50	-	3.15	3.13	3.00	2.97
3822	Automatic temperature controls ...	-	120.87	120.56	120.42	117.68	-	3.06	3.06	2.93	2.92
383,5	Optical and ophthalmic goods ...	123.11	120.99	117.12	114.33	112.00	3.01	2.98	2.95	2.83	2.80
385	Ophthalmic goods ...	-	110.00	106.35	103.60	100.98	-	2.75	2.72	2.59	2.55
384	Medical instruments and supplies ...	111.48	109.30	109.05	106.52	102.56	2.78	2.76	2.74	2.63	2.59
386	Photographic equipment and supplies ...	163.94	160.39	152.34	150.10	149.95	3.76	3.73	3.61	3.54	3.52
387	Watches, clocks, and watchcases ...	-	99.31	95.59	94.28	91.96	-	2.54	2.47	2.43	2.42
39	MISC. MANUFACTURING INDUSTRIES ...	103.88	102.57	101.38	99.90	98.11	2.65	2.63	2.64	2.51	2.49
391	Jewelry, silverware, and plated ware ...	118.80	114.76	108.49	113.68	109.81	2.97	2.92	2.87	2.80	2.78
394	Toys and sporting goods ...	-	89.77	89.73	89.83	87.98	-	2.35	2.38	2.28	2.25
3941-3	Games, toys, dolls & play vehicles ...	-	84.67	85.33	84.85	83.81	-	2.24	2.30	2.17	2.16
3949	Sporting and athletic goods, n e c ...	-	98.16	96.75	98.15	95.59	-	2.53	2.50	2.46	2.42
395	Pens, pencils, office and art supplies ...	-	103.48	104.01	99.25	99.29	-	2.60	2.66	2.50	2.47
396	Costume jewelry and notions ...	-	93.59	93.21	91.18	89.78	-	2.45	2.44	2.32	2.32
393,8,9	Other manufacturing industries ...	114.51	113.72	111.72	107.47	105.47	2.87	2.85	2.85	2.68	2.65
393	Musical instruments and parts ...	-	109.93	106.65	107.06	104.54	-	2.79	2.77	2.69	2.64
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS ...	124.20	121.01	122.36	116.48	114.96	2.95	2.93	2.97	2.80	2.77
201	Meat products ...	135.47	129.58	129.58	126.84	123.48	3.18	3.10	3.13	3.02	2.94
2011	Meat packing plants ...	-	155.18	156.28	153.20	147.83	-	3.66	3.66	3.53	3.43
2013	Sausages and other prepared meats ...	-	144.28	146.58	138.03	134.14	-	3.46	3.49	3.31	3.24
2015	Poultry dressing plants ...	-	84.05	80.16	78.00	78.36	-	2.05	2.05	1.95	1.93

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES ..	40.6	40.3	39.8	40.9	40.4	-	2.9	2.5	3.2	2.7
361	Electric test & distributing equipment ..	41.7	41.1	41.1	41.5	40.9	-	3.1	3.4	3.4	2.8
3611	Electric measuring instruments	-	40.3	39.8	40.5	40.6	-	-	-	-	-
3612	Transformers	-	41.7	41.7	41.8	41.4	-	-	-	-	-
3613	Switchgear and switchboard apparatus ..	-	41.2	41.6	42.0	40.8	-	-	-	-	-
362	Electrical industrial apparatus	41.3	40.9	40.9	41.2	40.6	-	3.6	3.5	3.3	2.9
3621	Motors and generators	-	41.2	41.4	41.8	41.0	-	-	-	-	-
3622	Industrial controls	-	40.6	40.4	40.4	40.0	-	-	-	-	-
363	Household appliances	40.5	40.3	39.9	41.4	41.1	-	3.4	2.5	3.7	3.4
3632	Household refrigerators and freezers ..	-	39.8	41.0	40.8	41.0	-	-	-	-	-
3633	Household laundry equipment	-	42.2	39.7	43.0	41.6	-	-	-	-	-
3634	Electric housewares and fans	-	40.5	38.7	40.9	40.1	-	-	-	-	-
364	Electric lighting and wiring equipment ..	40.2	40.0	39.1	40.4	40.2	-	2.7	2.1	3.1	2.7
3641	Electric lamps	-	38.5	38.5	39.3	40.0	-	-	-	-	-
3642	Lighting fixtures	-	40.7	38.4	41.0	40.2	-	-	-	-	-
3643,4	Wiring devices	-	40.3	39.9	40.6	40.2	-	-	-	-	-
365	Radio and TV receiving equipment	38.8	38.9	38.3	39.8	39.6	-	1.6	1.4	2.5	2.3
366	Communication equipment	41.6	41.1	40.0	41.5	40.8	-	3.5	2.8	3.3	2.6
3661	Telephone and telegraph apparatus	-	42.6	39.8	41.2	40.7	-	-	-	-	-
3662	Radio and TV communication equipment ..	-	40.3	40.1	41.6	40.9	-	-	-	-	-
367	Electronic components and accessories ..	39.7	39.4	39.0	39.8	39.5	-	2.3	2.1	2.6	2.3
3671-3	Electron tubes	-	39.8	39.0	39.2	39.5	-	-	-	-	-
3674,9	Other electronic components	-	39.3	38.9	40.0	39.5	-	-	-	-	-
369	Misc. electrical equipment & supplies ..	41.6	40.8	40.3	41.9	40.6	-	2.8	2.5	4.2	3.5
3694	Engine electrical equipment	-	40.2	40.1	41.2	39.4	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	42.0	40.5	41.6	42.8	41.4	-	3.7	4.0	5.0	4.1
371	Motor vehicles and equipment	(*)	39.8	42.2	44.0	41.3	-	4.0	4.6	6.5	4.9
3711	Motor vehicles	-	37.7	42.6	44.9	39.7	-	-	-	-	-
3712	Passenger car bodies	-	35.8	42.8	42.4	44.7	-	-	-	-	-
3713	Truck and bus bodies	-	40.4	40.2	42.6	40.5	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.3	42.1	43.7	42.3	-	-	-	-	-
3715	Truck trailers	-	39.9	40.2	41.0	40.7	-	-	-	-	-
372	Aircraft and parts	42.1	41.8	41.6	41.9	42.0	-	3.3	3.5	3.5	3.6
3721	Aircraft	-	42.2	41.8	41.9	42.1	-	-	-	-	-
3722	Aircraft engines and engine parts	-	40.4	40.8	41.3	41.3	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	42.3	41.8	42.7	42.7	-	-	-	-	-
373	Ship and boat building and repairing	40.7	40.3	40.8	41.3	39.8	-	3.8	3.6	3.8	3.2
3731	Ship building and repairing	-	40.3	40.8	41.4	40.0	-	-	-	-	-
3732	Boat building and repairing	-	40.4	40.9	41.0	39.1	-	-	-	-	-
374	Railroad equipment	-	41.2	41.0	39.7	39.2	-	3.9	3.4	2.4	2.0
375,9	Other transportation equipment	-	39.3	39.8	41.3	41.2	-	2.6	2.9	3.8	3.8
38	INSTRUMENTS AND RELATED PRODUCTS ..	41.2	40.8	40.5	40.8	40.4	-	2.9	2.5	3.1	2.6
381	Engineering & scientific instruments	-	41.7	41.8	41.1	40.8	-	3.6	3.3	3.4	2.7
382	Mechanical measuring & control devices ..	40.7	40.3	40.0	40.7	40.1	-	2.8	2.8	3.1	2.6
3821	Mechanical measuring devices	-	40.8	40.5	40.4	39.9	-	-	-	-	-
3822	Automatic temperature controls	-	39.5	39.4	41.1	40.3	-	-	-	-	-
383,5	Optical and ophthalmic goods	40.9	40.6	39.7	40.4	40.0	-	2.6	2.1	2.5	2.4
385	Ophthalmic goods	-	40.0	39.1	40.0	39.6	-	2.2	1.7	2.5	2.0
384	Medical instruments and supplies	40.1	39.6	39.8	40.5	39.6	-	2.2	2.1	2.9	2.4
386	Photographic equipment and supplies	43.6	43.0	42.2	42.4	42.6	-	3.7	2.9	4.0	3.5
387	Watches, clocks, and watch cases	-	39.1	38.7	38.8	38.0	-	1.9	1.6	2.0	1.5
39	MISC. MANUFACTURING INDUSTRIES ...	39.2	39.0	38.4	39.8	39.4	-	2.6	2.1	3.0	2.5
391	Jewelry, silverware, and plated ware	40.0	39.3	37.8	40.6	39.5	-	2.8	1.7	3.6	2.8
394	Toys and sporting goods	-	38.2	37.7	39.4	39.1	-	2.1	1.9	3.0	2.5
3941-3	Games, toys, dolls, & play vehicles	-	37.8	37.1	39.1	38.8	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	38.8	38.7	39.9	39.5	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	39.8	39.1	39.7	40.2	-	2.2	1.9	2.2	2.3
396	Costume jewelry and notions	-	38.2	38.2	39.3	38.7	-	2.5	2.0	2.7	2.5
393,8,9	Other manufacturing industries	39.9	39.9	39.2	40.1	39.8	-	3.1	2.5	3.1	2.6
393	Musical instruments and parts	-	39.4	38.5	39.8	39.6	-	2.3	1.3	2.4	1.9
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	42.1	41.3	41.2	41.6	41.5	-	4.4	4.6	4.9	4.5
201	Meat products	42.6	41.8	41.4	42.0	42.0	-	5.0	4.9	5.4	4.9
2011	Meat packing plants	-	42.4	42.7	43.4	43.1	-	-	-	-	-
2013	Sausages and other prepared meats	-	41.7	42.0	41.7	41.4	-	-	-	-	-
2015	Poultry dressing plants	-	41.0	39.1	40.0	40.6	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Nondurable Goods--Continued</i>											
FOOD AND KINDRED PRODUCTS--Continued											
202	Dairy products	\$130.40	\$127.26	\$129.68	\$122.25	\$120.84	\$3.09	\$3.03	\$3.03	\$2.89	\$2.85
2024	Ice cream and frozen desserts	-	121.84	124.53	117.05	120.12	-	2.95	2.93	2.89	2.86
2026	Fluid milk	-	135.26	137.81	130.16	127.41	-	3.19	3.19	3.02	2.97
203	Canned, cured, and frozen foods	-	100.10	98.16	97.82	96.46	-	2.49	2.53	2.38	2.37
2031,6	Canned, cured, and frozen sea foods	-	89.68	80.27	81.00	81.43	-	2.36	2.30	2.16	2.16
2032,3	Canned food, except sea foods	-	103.89	104.90	103.46	99.95	-	2.54	2.59	2.44	2.42
2037	Frozen fruits and vegetables	-	93.77	90.27	89.78	90.00	-	2.35	2.42	2.25	2.25
204	Grain mill products	142.91	139.08	137.71	135.24	132.41	3.10	3.05	3.02	2.94	2.91
2041	Flour and other grain mill products	-	146.77	137.25	147.01	141.60	-	3.17	3.05	3.05	3.00
2042	Prepared feeds for animals and fowls	-	124.34	127.68	121.68	118.53	-	2.64	2.66	2.60	2.56
205	Bakery products	123.01	121.71	123.22	114.29	112.12	3.06	3.02	3.02	2.85	2.81
2051	Bread, cake, and related products	-	123.32	125.56	116.06	115.02	-	3.06	3.07	2.88	2.84
2052	Cookies and crackers	-	116.18	115.83	108.50	102.87	-	2.89	2.86	2.74	2.70
206	Sugar	-	131.78	130.82	123.91	128.43	-	3.23	3.23	3.09	3.14
207	Confectionery and related products	107.71	104.92	101.40	101.75	99.79	2.64	2.61	2.60	2.50	2.47
2071	Confectionery products	-	100.69	97.78	97.28	95.84	-	2.53	2.52	2.42	2.39
208	Beverages	141.80	143.50	142.46	133.01	134.05	3.51	3.50	3.40	3.26	3.23
2082	Malt liquors	-	194.12	196.11	172.98	174.28	-	4.60	4.55	4.25	4.23
2086	Bottled and canned soft drinks	-	108.21	111.45	99.54	104.30	-	2.62	2.61	2.47	2.46
209	Misc. foods and kindred products	123.90	121.60	121.47	116.48	115.51	2.95	2.93	2.92	2.78	2.77
TOBACCO MANUFACTURES											
21	Cigarettes	96.00	94.13	104.43	94.49	95.55	2.50	2.51	2.77	2.38	2.45
211	Cigarettes	-	114.75	124.36	117.87	120.87	-	3.17	3.23	3.11	3.06
212	Cigars	-	79.87	77.66	75.02	76.80	-	2.08	2.06	1.99	2.00
TEXTILE MILL PRODUCTS											
22	Weaving mills, cotton	98.16	97.34	95.65	94.02	92.51	2.40	2.38	2.35	2.26	2.24
221	Weaving mills, cotton	100.50	99.84	97.00	93.75	91.39	2.41	2.40	2.36	2.27	2.24
222	Weaving mills, synthetics	106.14	104.13	105.65	102.29	101.41	2.48	2.45	2.44	2.33	2.31
223	Weaving and finishing mills, wool	99.96	98.82	102.97	100.15	97.25	2.45	2.44	2.44	2.34	2.31
224	Narrow fabric mills	94.24	93.83	93.96	91.84	90.54	2.35	2.34	2.32	2.24	2.23
225	Knitting mills	87.86	87.85	85.34	87.20	85.75	2.30	2.27	2.24	2.18	2.16
2251	Women's hosiery, except socks	-	85.79	84.29	87.85	86.22	-	2.24	2.23	2.18	2.15
2252	Hosiery, n e c	-	77.25	76.47	74.65	73.30	-	2.06	2.05	1.98	1.96
2253	Knit outerwear mills	-	90.34	84.35	89.38	88.53	-	2.39	2.33	2.28	2.27
2254	Knit underwear mills	-	80.94	79.25	82.62	81.00	-	2.13	2.08	2.04	2.02
226	Textile finishing, except wool	108.54	105.75	105.00	99.72	98.59	2.56	2.53	2.53	2.38	2.37
227	Floor covering mills	-	108.24	100.43	101.62	101.43	-	2.46	2.42	2.32	2.30
228	Yarn and thread mills	90.90	90.32	88.73	87.77	87.78	2.25	2.23	2.18	2.12	2.11
229	Miscellaneous textile goods	110.76	109.36	107.84	106.14	103.81	2.60	2.61	2.58	2.48	2.46
APPAREL AND OTHER TEXTILE PRODUCTS											
23	Men's and boys' suits and coats	84.01	84.08	82.21	82.26	81.40	2.34	2.31	2.29	2.26	2.23
231	Men's and boys' suits and coats	102.00	104.81	101.48	102.76	100.93	2.81	2.81	2.75	2.69	2.67
232	Men's and boys' furnishings	74.91	73.66	72.69	71.76	71.80	2.03	1.98	1.97	1.95	1.93
2321	Men's and boys' shirts and nightwear	-	71.41	71.02	69.14	70.11	-	1.93	1.93	1.91	1.90
2327	Men's and boys' separate trousers	-	74.05	74.05	71.97	72.38	-	1.98	1.98	1.94	1.93
2328	Men's and boys' work clothing	-	71.97	71.39	70.27	69.55	-	1.94	1.94	1.92	1.89
233	Women's and misses' outerwear	83.75	85.66	84.47	83.55	83.84	2.50	2.49	2.47	2.45	2.43
2331	Women's and misses' blouses and waists	-	75.68	75.47	71.55	70.66	-	2.15	2.15	2.08	2.06
2335	Women's and misses' dresses	-	86.35	84.92	84.25	84.59	-	2.57	2.55	2.53	2.51
2337	Women's and misses' suits and coats	-	96.95	97.16	96.40	96.72	-	2.81	2.80	2.77	2.74
2339	Women's and misses' outerwear, n e c	-	75.97	75.40	73.42	73.49	-	2.14	2.13	2.08	2.07
234	Women's and children's undergarments	77.90	77.86	75.81	77.08	74.97	2.14	2.11	2.10	2.05	2.01
2341	Women's and children's underwear	-	76.63	74.87	75.40	73.88	-	2.06	2.04	2.00	1.97
2342	Corsets and allied garments	-	80.50	77.73	80.35	78.02	-	2.23	2.24	2.16	2.12
235	Hats, caps, and millinery	-	81.31	79.50	77.33	79.64	-	2.18	2.19	2.16	2.20
236	Children's outerwear	75.25	76.11	76.32	74.11	74.16	2.15	2.12	2.12	2.07	2.06
2361	Children's dresses and blouses	-	73.78	74.61	69.89	70.50	-	2.09	2.09	2.02	2.02
237,8	Fur goods and miscellaneous apparel	-	89.54	89.17	86.74	85.10	-	2.42	2.47	2.37	2.30
239	Misc. fabricated textile products	96.47	92.83	86.81	94.08	88.70	2.48	2.43	2.34	2.40	2.31
2391,2	Housefurnishings	-	79.87	76.80	77.60	76.82	-	2.08	2.07	2.00	1.98
PAPER AND ALLIED PRODUCTS											
26	Paper and pulp mills	142.23	141.04	140.18	135.60	132.62	3.30	3.28	3.26	3.11	3.07
261,2,6	Paper and pulp mills	165.15	163.07	163.44	153.77	150.96	3.67	3.64	3.64	3.44	3.40
263	Paperboard mills	167.72	167.17	166.52	157.90	154.70	3.67	3.65	3.62	3.44	3.40
264	Misc. converted paper products	121.36	120.54	119.02	118.02	115.79	2.96	2.94	2.91	2.81	2.77
2643	Bags, except textile bags	-	114.65	113.68	111.04	110.62	-	2.81	2.80	2.65	2.64
265	Paperboard containers and boxes	127.98	126.65	125.10	124.27	121.55	3.04	3.03	3.00	2.89	2.86
2651,2	Folding and setup paperboard boxes	-	115.59	111.76	109.30	108.24	-	2.84	2.78	2.64	2.64
2653	Corrugated and solid fiber boxes	-	137.92	135.99	136.62	133.02	-	3.20	3.17	3.07	3.03
2654	Sanitary food containers	-	121.72	125.80	120.69	117.04	-	2.94	2.96	2.86	2.80

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	42.2	42.0	42.8	42.3	42.4	-	4.1	4.6	4.4	4.3
2024	Ice cream and frozen desserts.....	-	41.3	42.5	40.5	42.0	-	-	-	-	-
2026	Fluid milk.....	-	42.4	43.2	43.1	42.9	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	40.2	38.8	41.1	40.7	-	3.7	3.6	4.8	4.1
2031,6	Canned, cured and frozen sea foods.....	-	38.0	34.9	37.5	37.7	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	40.9	40.5	42.4	41.3	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	39.9	37.3	39.9	40.0	-	-	-	-	-
204	Grain mill products.....	46.1	45.6	45.6	46.0	45.5	-	7.4	7.4	8.3	7.5
2041	Flour and other grain mill product.....	-	46.3	45.0	48.2	47.2	-	-	-	-	-
2042	Prepared feeds for animals and fowls.....	-	47.1	48.0	46.8	46.3	-	-	-	-	-
205	Bakery products.....	40.2	40.3	40.8	40.1	39.9	-	3.9	4.2	3.9	3.5
2051	Bread, cake, and related products.....	-	40.3	40.9	40.3	40.5	-	-	-	-	-
2052	Cookies and crackers.....	-	40.2	40.5	39.6	38.1	-	-	-	-	-
206	Sugar.....	-	40.8	40.5	40.1	40.9	-	4.1	4.0	4.2	3.9
207	Confectionery and related products.....	40.8	40.2	39.0	40.7	40.4	-	3.2	2.2	3.7	3.2
2071	Confectionery products.....	-	39.8	38.8	40.2	40.1	-	-	-	-	-
208	Beverages.....	40.4	41.0	41.9	40.8	41.5	-	4.1	5.0	3.8	4.2
2082	Malt liquors.....	-	42.2	43.1	40.7	41.2	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	41.3	42.7	40.3	42.4	-	-	-	-	-
209	Misc. foods and kindred products.....	42.0	41.5	41.6	41.9	41.7	-	4.7	4.8	5.0	4.6
21	TOBACCO MANUFACTURES	38.4	37.5	37.7	39.7	39.0	-	1.5	1.7	2.1	2.4
211	Cigarettes.....	-	36.2	38.5	37.9	39.5	-	1.0	2.2	2.3	2.7
212	Cigars.....	-	38.4	37.7	37.7	38.4	-	1.5	1.0	1.0	1.6
22	TEXTILE MILL PRODUCTS	40.9	40.9	40.7	41.6	41.3	-	4.0	3.8	4.4	4.1
221	Weaving mills, cotton.....	41.7	41.6	41.1	41.3	40.8	-	4.4	3.9	4.2	3.7
222	Weaving mills, synthetics.....	42.8	42.5	43.3	43.9	43.9	-	4.6	4.9	6.0	5.8
223	Weaving and finishing mills, wool.....	40.8	40.5	42.2	42.8	42.1	-	3.7	4.4	4.7	4.2
224	Narrow fabric mills.....	40.1	40.1	40.5	41.0	40.6	-	3.6	3.1	3.6	3.7
225	Knitting mills.....	38.2	38.7	38.1	40.0	39.7	-	2.8	2.6	3.4	3.3
2251	Women's hosiery, except socks.....	-	38.3	37.8	40.3	40.1	-	-	-	-	-
2252	Hosiery, n e c.....	-	37.5	37.3	37.7	37.4	-	-	-	-	-
2253	Knit outerwear mills.....	-	37.8	36.2	39.2	39.0	-	-	-	-	-
2254	Knit underwear mills.....	-	38.0	38.1	40.5	40.1	-	-	-	-	-
226	Textile finishing, except wool.....	42.4	41.8	41.5	41.9	41.6	-	4.9	4.6	4.8	4.5
227	Floor covering mills.....	-	44.0	41.5	43.8	44.1	-	5.9	4.4	6.1	6.1
228	Yarn and thread mills.....	40.4	40.5	40.7	41.4	41.6	-	3.7	3.7	4.1	4.2
229	Miscellaneous textile goods.....	42.6	41.9	41.8	42.8	42.2	-	4.6	4.1	4.8	4.6
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.9	36.4	35.9	36.4	36.5	-	1.4	1.2	1.6	1.5
231	Men's and boys' suits and coats.....	36.3	37.3	36.9	38.2	37.8	-	1.3	.8	1.8	1.6
232	Men's and boys' furnishings.....	36.9	37.2	36.9	36.8	37.2	-	1.3	1.1	1.2	1.3
2321	Men's and boys' shirts and nightwear.....	-	37.0	36.8	36.2	36.9	-	-	-	-	-
2327	Men's and boys' separate trousers.....	-	37.4	37.4	37.1	37.5	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	37.1	36.8	36.6	36.8	-	-	-	-	-
233	Women's and misses' outerwear.....	33.5	34.4	34.2	34.1	34.5	-	1.3	1.1	1.2	1.3
2331	Women's and misses' blouses and waists.....	-	35.2	35.1	34.4	34.3	-	-	-	-	-
2335	Women's and misses' dresses.....	-	33.6	33.3	33.3	33.7	-	-	-	-	-
2337	Women's and misses' suits and coats.....	-	34.5	34.7	34.8	35.3	-	-	-	-	-
2339	Women's and misses' outerwear, n e c.....	-	35.5	35.4	35.3	35.5	-	-	-	-	-
234	Women's and children's undergarments.....	36.4	36.9	36.1	37.6	37.3	-	1.6	1.3	1.9	1.7
2341	Women's and children's underwear.....	-	37.2	36.7	37.7	37.5	-	-	-	-	-
2342	Corsets and allied garments.....	-	36.1	34.7	37.2	36.8	-	-	-	-	-
235	Hats, caps, and millinery.....	-	37.3	36.3	35.8	36.2	-	1.7	1.5	1.2	1.3
236	Children's outerwear.....	35.0	35.9	36.0	35.8	36.0	-	1.5	1.1	1.4	1.6
2361	Children's dresses and blouses.....	-	35.3	35.7	34.6	34.9	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel.....	-	37.0	36.1	36.6	37.0	-	1.4	1.0	1.5	1.3
239	Misc. fabricated textile products.....	38.9	38.2	37.1	39.2	38.4	-	2.0	1.8	3.0	2.1
2391,2	Housefurnishings.....	-	38.4	37.1	38.8	38.8	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	43.1	43.0	43.0	43.6	43.2	-	5.6	5.5	6.0	5.5
261,2,6	Paper and pulp mills.....	45.0	44.8	44.9	44.7	44.4	-	6.8	6.9	6.7	6.4
263	Paperboard mills.....	45.7	45.8	46.0	45.9	45.5	-	8.5	8.2	8.2	7.7
264	Misc. converted paper products.....	41.0	41.0	40.9	42.0	41.8	-	3.9	3.8	4.5	4.0
2643	Bags, except textile bags.....	-	40.8	40.6	41.9	41.9	-	-	-	-	-
265	Paperboard containers and boxes.....	42.1	41.8	41.7	43.0	42.5	-	4.8	4.6	5.6	5.1
2651,2	Folding and setup paperboard boxes.....	-	40.7	40.2	41.4	41.0	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	43.1	42.9	44.5	43.9	-	-	-	-	-
2654	Sanitary food containers.....	-	41.4	42.5	42.2	41.8	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	\$144.75	\$142.82	\$141.31	\$137.35	\$135.45	\$3.75	\$3.70	\$3.68	\$3.54	\$3.50
271	Newspapers.....	145.35	145.89	144.68	138.96	136.82	4.06	4.03	4.03	3.86	3.79
272	Periodicals.....	-	163.55	164.69	156.49	157.08	-	3.96	3.94	3.78	3.74
273	Books.....	-	133.82	132.36	126.59	125.25	-	3.28	3.26	3.08	3.04
275	Commercial printing	149.71	148.10	145.43	142.04	139.44	3.79	3.74	3.71	3.56	3.53
2751	Commercial printing, ex. lithographic	-	143.02	140.79	139.25	136.37	-	3.63	3.61	3.49	3.47
2752	Commercial printing, lithographic...	-	156.39	152.86	147.90	144.00	-	3.90	3.86	3.66	3.60
278	Blankbooks and bookbinding	108.30	106.78	106.78	105.65	104.49	2.85	2.81	2.81	2.73	2.70
274,6,7,9	Other publishing & printing ind.....	143.96	143.52	140.82	136.64	136.26	3.72	3.68	3.62	3.54	3.53
28	CHEMICALS AND ALLIED PRODUCTS ...	146.02	145.18	145.53	138.60	136.86	3.51	3.49	3.49	3.30	3.29
281	Industrial chemicals	162.93	162.51	163.63	154.40	152.82	3.87	3.86	3.85	3.65	3.63
2812	Alkalies and chlorine	-	167.66	169.26	154.56	152.35	-	3.89	3.90	3.68	3.68
2818	Industrial organic chemicals, n e c..	-	171.74	175.82	164.40	162.01	-	4.06	4.07	3.85	3.83
2819	Industrial inorganic chemicals, n e c.	-	154.84	153.14	148.26	145.60	-	3.74	3.69	3.53	3.50
282	Plastics materials and synthetics	144.75	146.20	146.63	137.57	137.90	3.43	3.44	3.45	3.26	3.26
2821	Plastics materials and resins	-	158.70	155.43	148.77	146.97	-	3.64	3.64	3.42	3.41
2823,4	Synthetic fibers	-	133.54	136.63	125.66	127.60	-	3.21	3.23	3.05	3.06
283	Drugs.....	137.27	132.92	132.36	125.66	123.00	3.34	3.29	3.26	3.05	3.00
2834	Pharmaceutical preparations	-	128.80	128.72	121.39	117.49	-	3.22	3.21	2.99	2.93
284	Soap, cleaners, and toilet goods	140.01	139.60	138.98	133.54	130.79	3.44	3.44	3.44	3.21	3.19
2841	Soap and other detergents.....	-	185.76	184.46	171.07	169.74	-	4.31	4.33	3.96	3.92
2844	Toilet preparations	-	109.59	107.72	106.40	102.96	-	2.81	2.82	2.66	2.64
285	Paints and allied products.....	135.05	134.15	133.99	131.46	129.58	3.31	3.28	3.26	3.16	3.13
287	Agricultural chemicals	124.62	122.47	122.18	117.45	112.61	2.96	2.93	2.93	2.77	2.74
2871,2	Fertilizers, complete & mixing only ..	-	118.16	116.06	111.41	106.37	-	2.82	2.79	2.64	2.62
286,9	Other chemical products	138.17	136.61	135.53	135.14	129.83	3.37	3.34	3.33	3.21	3.19
2892	Explosives	-	139.55	136.97	138.78	133.33	-	3.48	3.45	3.32	3.35
29	PETROLEUM AND COAL PRODUCTS	177.10	171.63	176.14	162.49	157.78	4.09	4.01	4.04	3.77	3.73
291	Petroleum refining	183.61	177.66	182.75	166.69	162.27	4.31	4.23	4.26	3.95	3.91
295,9	Other petroleum and coal products ...	155.72	151.97	153.55	150.01	142.83	3.40	3.34	3.36	3.24	3.16
30	RUBBER AND PLASTICS PRODUCTS, N E C	130.00	126.69	126.07	125.46	122.30	3.14	3.09	3.09	2.98	2.94
301	Tires and inner tubes	200.51	192.60	189.57	184.99	182.96	4.34	4.28	4.26	4.12	4.13
302,3,6	Other rubber products	123.02	121.60	119.90	120.77	116.57	3.03	3.01	2.99	2.91	2.85
302	Rubber footwear	-	104.13	107.46	102.83	99.46	-	2.67	2.70	2.61	2.57
307	Miscellaneous plastics products.....	108.14	106.00	106.13	105.73	103.98	2.69	2.65	2.66	2.56	2.53
31	LEATHER AND LEATHER PRODUCTS ...	87.82	87.19	87.52	85.43	85.41	2.38	2.35	2.34	2.26	2.23
311	Leather tanning and finishing.....	118.31	116.72	114.27	112.96	113.12	2.98	2.94	2.93	2.81	2.80
314	Footwear, except rubber	84.45	83.81	85.50	82.28	83.06	2.32	2.29	2.28	2.20	2.18
312,3,5-7,8	Other leather products	86.16	86.02	84.04	83.38	82.13	2.31	2.30	2.29	2.20	2.15
316	Luggage	-	84.90	82.01	86.52	83.64	-	2.27	2.31	2.23	2.15
317	Handbags and personal leather goods..	-	84.52	83.55	82.19	80.94	-	2.26	2.24	2.18	2.13
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
4011	Class I railroads ²		(*)	(*)	151.44	152.51		(*)	(*)	3.53	3.49
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	-	137.17	136.85	124.98	126.35	-	3.22	3.22	2.99	2.98
413	Intercity highway transportation	-	176.99	167.48	156.93	159.22	-	4.05	3.95	3.71	3.72
42	TRUCKING AND WAREHOUSING	-	154.82	153.67	148.25	146.97	-	3.66	3.65	3.48	3.45
421,3	Trucking and trucking terminals	-	158.05	156.51	151.51	150.23	-	3.71	3.70	3.54	3.51
422	Public warehousing	-	111.27	114.05	109.34	106.53	-	2.89	2.88	2.72	2.67
46	PIPE LINE TRANSPORTATION	-	173.46	178.93	169.74	166.76	-	4.20	4.25	4.11	3.98
48	COMMUNICATION	-	133.25	133.17	128.56	125.29	-	3.29	3.28	3.19	3.14
481	Telephone communication	-	131.87	131.38	127.48	122.09	-	3.24	3.22	3.14	3.06
4817	Switchboard operating employees ³ ..	-	95.37	96.15	92.42	90.75	-	2.62	2.62	2.56	2.50
4818	Line construction employees ⁴	-	190.82	184.61	182.52	174.50	-	4.06	3.97	3.90	3.81
482	Telegraph communication ⁵	-	148.52	150.50	141.24	140.81	-	3.47	3.50	3.30	3.29
483	Radio and television broadcasting	-	141.70	140.93	134.92	143.17	-	3.69	3.67	3.56	3.69

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	38.6	38.6	38.4	38.8	38.7		3.7	3.3	3.8	3.4
271	Newspapers.....	35.8	36.2	35.9	36.0	36.1		3.0	2.7	3.0	2.5
272	Periodicals.....	-	41.3	41.8	41.4	42.0		5.6	5.7	5.1	5.1
273	Books	-	40.8	40.6	41.1	41.2		4.1	3.6	4.3	4.0
275	Commercial printing	39.5	39.6	39.2	39.9	39.5		4.1	3.5	4.3	3.9
2751	Commercial printing, ex. lithographic	-	39.4	39.0	39.9	39.3		-	-	-	-
2752	Commercial printing, lithographic ...	-	40.1	39.6	40.3	40.0		-	-	-	-
278	Blankbooks and bookbinding	38.0	38.0	38.0	38.7	38.7		2.4	2.2	2.9	2.7
274,6,7,9	Other publishing & printing ind.....	38.7	39.0	38.9	38.6	38.6		3.5	3.3	3.5	3.3
28	CHEMICALS AND ALLIED PRODUCTS..	41.6	41.6	41.7	42.0	41.6		3.4	3.4	3.5	3.4
281	Industrial chemicals	42.1	42.1	42.5	42.3	42.1		3.5	3.8	3.6	3.6
2812	Alkalies and chlorine	-	43.1	43.4	42.0	41.4		-	-	-	-
2818	Industrial organic chemicals, n.e.c...	-	42.3	43.2	42.7	42.3		-	-	-	-
2819	Industrial inorganic chemicals, n.e.c.	-	41.4	41.5	42.0	41.6		-	-	-	-
282	Plastics materials and synthetics	42.2	42.5	42.5	42.2	42.3		3.7	3.4	3.2	3.7
2821	Plastics materials and resins	-	43.6	42.7	43.5	43.1		-	-	-	-
2823,4	Synthetic fibers	-	41.6	42.3	41.2	41.7		-	-	-	-
283	Drugs	41.1	40.4	40.6	41.2	41.0		2.8	2.9	3.0	2.6
2834	Pharmaceutical preparations	-	40.0	40.1	40.6	40.1		-	-	-	-
284	Soap, cleaners, and toilet goods	40.7	40.7	40.4	41.6	41.0		3.4	2.9	4.0	3.5
2841	Soap and other detergents	-	43.1	42.6	43.2	43.3		-	-	-	-
2844	Toilet preparations	-	39.0	38.2	40.0	39.0		-	-	-	-
285	Paints and allied products	40.8	40.9	41.1	41.6	41.4		3.1	3.1	3.7	3.4
287	Agricultural chemicals	42.1	41.8	41.7	42.4	41.1		3.7	4.0	4.0	3.0
2871,2	Fertilizers, complete & mixing only..	-	41.9	41.6	42.2	40.6		-	-	-	-
286,9	Other chemical products	41.0	40.9	40.7	42.1	40.7		3.0	2.9	3.5	3.2
2892	Explosives	-	40.1	39.7	41.8	39.8		-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.....	43.3	42.8	43.6	43.1	42.3		4.1	4.4	4.0	3.5
291	Petroleum refining.....	42.6	42.0	42.9	42.2	41.5		3.0	3.4	2.8	2.5
295,9	Other petroleum and coal products	45.8	45.5	45.7	46.3	45.2		7.7	7.5	8.2	7.0
30	RUBBER AND PLASTICS PRODUCTS, NEC..	41.4	41.0	40.8	42.1	41.6		4.2	4.0	4.8	4.3
301	Tires and inner tubes	46.2	45.0	44.5	44.9	44.3		7.3	7.2	7.1	6.7
302,3,6	Other rubber products	40.6	40.4	40.1	41.5	40.9		3.4	3.1	4.3	3.6
302	Rubber footwear	-	39.0	39.8	39.4	38.7		2.4	2.5	2.5	1.6
307	Miscellaneous plastics products	40.2	40.0	39.9	41.3	41.1		3.6	3.4	4.2	3.9
31	LEATHER AND LEATHER PRODUCTS.....	36.9	37.1	37.4	37.8	38.3		1.8	1.8	2.0	2.0
311	Leather tanning and finishing	39.7	39.7	39.0	40.2	40.4		3.4	3.2	3.9	3.6
314	Footwear, except rubber	36.4	36.6	37.5	37.4	38.1		1.5	1.7	1.7	1.8
312,3,5-7,9	Other leather products	37.3	37.4	36.7	37.9	38.2		1.9	1.6	2.2	2.0
316	Luggage	-	37.4	35.5	38.8	38.9		2.3	1.7	3.2	2.3
317	Handbags and personal leather goods..	-	37.4	37.3	37.7	38.0		1.8	1.6	2.1	2.1
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
111	Class I railroads ²	-	(*)	(*)	42.9	43.7		-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	-	42.6	42.5	41.8	42.4		-	-	-	-
413	Intercity highway transportation	-	43.7	42.4	42.3	42.8		-	-	-	-
TRUCKING AND WAREHOUSING											
42	Trucking and trucking terminals	-	42.3	42.1	42.6	42.6		-	-	-	-
421,3	Trucking and trucking terminals	-	42.6	42.3	42.8	42.8		-	-	-	-
422	Public warehousing	-	38.5	39.6	40.2	39.9		-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	41.3	42.1	41.3	41.9		-	-	-	-
COMMUNICATION											
48	Telephone communication	-	40.5	40.6	40.3	39.9		-	-	-	-
481	Telephone communication	-	40.7	40.8	40.6	39.9		-	-	-	-
4817	Switchboard operating employees ³	-	36.4	36.7	36.1	36.3		-	-	-	-
4818	Line construction employees ⁴	-	47.0	46.5	46.8	45.8		-	-	-	-
482	Telegraph communication ⁵	-	42.8	43.0	42.8	42.8		-	-	-	-
483	Radio and television broadcasting	-	38.4	38.4	37.9	38.8		-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$161.41	\$162.99	\$153.55	\$151.42	-	\$3.88	\$3.89	\$3.70	\$3.64
491	Electric companies and systems	-	166.74	170.37	157.59	156.61	-	3.97	3.99	3.77	3.72
492	Gas companies and systems	-	145.96	144.84	140.22	135.60	-	3.56	3.55	3.42	3.34
493	Combination companies and systems...	-	173.06	175.56	166.00	163.88	-	4.17	4.18	4.00	3.93
494-7	Water, steam, & sanitary systems	-	134.55	133.40	125.36	123.41	-	3.25	3.23	3.05	3.01
-	WHOLESALE AND RETAIL TRADE.....	\$92.20	93.33	93.08	88.08	88.80	\$2.59	2.55	2.55	2.44	2.40
50	WHOLESALE TRADE	132.51	131.22	130.17	124.22	122.82	3.28	3.24	3.23	3.09	3.04
501	Motor vehicles & automotive equipment ..	-	121.25	121.13	114.96	114.54	-	2.95	2.94	2.77	2.76
502	Drugs, chemicals, and allied products ..	-	132.10	131.66	126.96	124.34	-	3.37	3.35	3.19	3.14
503	Dry goods and apparel.....	-	120.84	121.41	117.87	117.27	-	3.18	3.17	3.11	3.07
504	Groceries and related products	-	123.71	122.36	117.83	118.14	-	3.01	2.97	2.86	2.84
506	Electrical goods.....	-	133.88	128.23	125.55	126.48	-	3.18	3.12	3.10	3.07
507	Hardware; plumbing & heating equipment ..	-	124.80	122.67	122.51	121.18	-	3.12	3.09	3.01	2.97
508	Machinery, equipment, and supplies.....	-	143.03	144.73	141.23	137.90	-	3.48	3.53	3.47	3.38
509	Miscellaneous wholesalers.....	-	132.87	130.81	122.36	120.99	-	3.33	3.32	3.09	3.04
52-59	RETAIL TRADE.....	79.11	81.19	80.96	75.99	77.33	2.32	2.30	2.30	2.19	2.16
53	Retail general merchandise	-	74.25	74.25	70.96	71.23	-	2.25	2.25	2.17	2.12
531	Department stores	-	77.91	78.15	74.98	74.70	-	2.39	2.39	2.30	2.25
532	Mail order houses	-	88.80	87.35	83.45	83.95	-	2.40	2.38	2.28	2.30
533	Variety stores	-	56.80	56.61	53.93	54.95	-	1.85	1.85	1.78	1.75
54	Food stores.....	-	86.61	86.70	79.53	81.87	-	2.54	2.55	2.41	2.38
541-3	Grocery, meat, and vegetable stores ..	-	88.49	88.24	81.01	83.15	-	2.58	2.58	2.44	2.41
56	Apparel and accessory stores	-	70.29	71.17	66.45	67.80	-	2.13	2.15	2.07	2.03
561	Men's & boys' clothing & furnishings ..	-	85.64	87.65	81.55	83.16	-	2.44	2.49	2.35	2.31
562	Women's ready-to-wear stores	-	63.68	63.68	59.78	60.72	-	1.99	1.99	1.91	1.88
565	Family clothing stores.....	-	68.34	67.80	62.27	63.74	-	2.04	2.03	1.94	1.92
566	Shoe stores.....	-	70.74	70.96	68.95	71.02	-	2.17	2.17	2.21	2.12
57	Furniture and home furnishings stores ..	-	105.92	104.33	100.44	100.49	-	2.78	2.76	2.65	2.61
571	Furniture and home furnishings.....	-	106.30	104.43	100.70	100.73	-	2.79	2.77	2.65	2.63
58	Eating and drinking places ⁶	-	57.96	57.44	54.12	55.24	-	1.73	1.73	1.65	1.62
52,55,59	Other retail trade	-	100.23	99.84	94.04	95.04	-	2.57	2.56	2.43	2.40
52	Building materials and farm equipment ..	-	107.83	107.01	103.16	102.83	-	2.63	2.61	2.51	2.46
551,2	Motor vehicle dealers	-	129.56	129.24	120.18	122.47	-	3.16	3.16	2.91	2.93
553,9	Other automotive & accessory dealers ..	-	110.40	108.52	102.55	104.00	-	2.61	2.59	2.43	2.43
591	Drug stores and proprietary stores ..	-	74.37	74.26	68.85	71.62	-	2.22	2.21	2.08	2.07
594	Book and stationery stores	-	87.90	87.54	82.36	83.78	-	2.49	2.48	2.36	2.36
598	Fuel and ice dealers.....	-	115.30	115.30	111.11	109.30	-	2.84	2.84	2.71	2.64
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	107.46	108.04	107.96	103.23	102.40	2.92	2.92	2.91	2.79	2.76
60	Banking	-	97.84	98.10	93.74	92.63	-	2.63	2.63	2.52	2.49
61	Credit agencies other than banks	-	99.64	99.91	94.63	93.62	-	2.65	2.65	2.51	2.49
612	Savings and loan associations	-	95.79	98.10	92.01	91.27	-	2.61	2.63	2.48	2.46
62	Security, commodity brokers & services ..	-	171.49	173.07	170.24	170.82	-	4.61	4.64	4.48	4.46
63	Insurance carriers	-	113.71	113.34	108.27	106.80	-	3.09	3.08	2.95	2.91
631	Life insurance	-	117.25	116.24	108.12	106.74	-	3.23	3.22	3.02	2.99
632	Accident and health insurance	-	100.88	99.88	95.40	94.79	-	2.81	2.79	2.65	2.59
633	Fire, marine, and casualty insurance...	-	114.23	114.16	111.81	109.71	-	3.03	3.02	2.95	2.91
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	65.88	65.70	59.29	59.98	-	1.80	1.81	1.67	1.63
721	Laundries and dry cleaning plants	-	74.13	74.34	70.30	69.56	-	2.02	2.02	1.90	1.88
722	Photographic studios	-	85.43	84.61	79.43	80.94	-	2.36	2.37	2.25	2.28
781	Motion pictures: Motion picture filming & distributing ..	-	183.15	188.60	162.01	162.41	-	4.50	4.60	4.02	4.02

NOTE: Data for the 2 most recent months are preliminary.

**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				
		Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	..	41.6	41.9	41.5	41.6	..	-	..	-	..
491	Electric companies and systems.....	..	42.0	42.7	41.8	42.1	..	-	..	-	..
492	Gas companies and systems.....	..	41.0	40.8	41.0	40.6	..	-	..	-	..
493	Combination companies and systems..	..	41.5	42.0	41.5	41.7	..	-	..	-	..
494-7	Water, steam & sanitary systems.....	..	41.4	41.3	41.1	41.0	..	-	..	-	..
-	WHOLESALE AND RETAIL TRADE.....	35.6	36.6	36.5	36.1	37.0					
50	WHOLESALE TRADE.....	40.4	40.5	40.3	40.2	40.4	..	-	..	-	..
501	Motor vehicles & automotive equipment..	-	41.1	41.2	41.5	41.5	..	-	..	-	..
502	Drugs, chemicals, and allied products...	-	39.2	39.3	39.8	39.6	..	-	..	-	..
503	Dry goods and apparel.....	-	38.0	38.3	37.9	38.2	..	-	..	-	..
504	Groceries and related products.....	-	41.1	41.2	41.2	41.6	..	-	..	-	..
506	Electrical goods.....	-	42.1	41.1	40.5	41.2	..	-	..	-	..
507	Hardware; plumbing & heating equipment	-	40.0	39.7	40.7	40.8	..	-	..	-	..
508	Machinery, equipment, and supplies....	-	41.1	41.0	40.7	40.8	..	-	..	-	..
509	Miscellaneous wholesalers.....	-	39.9	39.4	39.6	39.8	..	-	..	-	..
52-59	RETAIL TRADE.....	34.1	35.3	35.2	34.7	35.8	..	-	..	-	..
53	Retail general merchandise.....	-	33.0	33.0	32.7	33.6	..	-	..	-	..
531	Department stores.....	-	32.6	32.7	32.6	33.2	..	-	..	-	..
532	Mail order houses.....	-	37.0	36.7	36.6	36.5	..	-	..	-	..
533	Variety stores.....	-	30.7	30.6	30.3	31.4	..	-	..	-	..
54	Food stores.....	-	34.1	34.0	33.0	34.4	..	-	..	-	..
541-3	Grocery, meat, and vegetable stores...	-	34.3	34.2	33.2	34.5	..	-	..	-	..
56	Apparel and accessory stores.....	-	33.0	33.1	32.1	33.4	..	-	..	-	..
561	Men's & boys' clothing & furnishings..	-	35.1	35.2	34.7	36.0	..	-	..	-	..
562	Women's ready-to-wear stores.....	-	32.0	32.0	31.3	32.3	..	-	..	-	..
565	Family clothing stores.....	-	33.5	33.4	32.1	33.2	..	-	..	-	..
566	Shoe stores.....	-	32.6	32.7	31.2	33.5	..	-	..	-	..
57	Furniture and home furnishings stores..	-	38.1	37.8	37.9	38.5	..	-	..	-	..
571	Furniture and home furnishings.....	-	38.1	37.7	38.0	38.3	..	-	..	-	..
58	Eating and drinking places ⁶	-	33.5	33.2	32.8	34.1	..	-	..	-	..
52,55,59	Other retail trade.....	-	39.0	39.0	38.7	39.6	..	-	..	-	..
52	Building materials and farm equipment	-	41.0	41.0	41.1	41.8	..	-	..	-	..
551,2	Motor vehicle dealers.....	-	41.0	40.9	41.3	41.8	..	-	..	-	..
553,9	Other automotive & accessory dealers.	-	42.3	41.9	42.2	42.8	..	-	..	-	..
591	Drug stores and proprietary stores...	-	33.5	33.6	33.1	34.6	..	-	..	-	..
594	Book and stationery stores.....	-	35.3	35.3	34.9	35.5	..	-	..	-	..
598	Fuel and ice dealers.....	-	40.6	40.6	41.0	41.4	..	-	..	-	..
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	36.8	37.0	37.1	37.0	37.1					
60	Banking.....	-	37.2	37.3	37.2	37.2	..	-	..	-	..
61	Credit agencies other than banks.....	-	37.6	37.7	37.7	37.6	..	-	..	-	..
612	Savings and loan associations.....	-	36.7	37.3	37.1	37.1	..	-	..	-	..
62	Security, commodity brokers & services.	-	37.2	37.3	38.0	38.3	..	-	..	-	..
63	Insurance carriers.....	-	36.8	36.8	36.7	36.7	..	-	..	-	..
631	Life insurance.....	-	36.3	36.1	35.8	35.7	..	-	..	-	..
632	Accident and health insurance.....	-	35.9	35.8	36.0	36.6	..	-	..	-	..
633	Fire, marine, and casualty insurance..	-	37.7	37.8	37.9	37.7	..	-	..	-	..
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	36.6	36.3	35.5	36.8	..	-	..	-	..
721	Personal Services: Laundries & dry cleaning plants.....	-	36.7	36.8	37.0	37.0	..	-	..	-	..
722	Photographic studios.....	-	36.2	35.7	35.3	35.5	..	-	..	-	..
781	Motion pictures: Motion picture filming & distributing..	-	40.7	41.0	40.3	40.4	..	-	..	-	..

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

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. March 1969: \$154,80, \$3,60 and 43,0.

³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1966, such employees made up 33 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1966, such employees made up 33 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ Data for nonoffice salesmen excluded from all series in this division.

*Not available.

NOTE: Data for the 2 most recent months are preliminary.

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	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
EXECUTIVE BRANCH														
Total employment	2,804.5	2,795.9	2,704.5	2,712.0	2,701.9	2,704.2	2,699.3	2,734.3	2,667.6	2,658.9	2,670.2	2,759.9	2,807.9	
Average weekly hours	39.4	39.4	39.4	39.5	39.5	39.9	39.5	39.8	39.5	39.3	39.1	39.2	39.6	
Average overtime hours . . . . .	.8	1.0	1.0	1.0	1.1	1.0	1.0	1.8	1.0	1.1	1.0	.9	.9
Indexes (1965=100):														
Average weekly earnings	119.1	117.8	118.9	117.5	117.5	118.7	117.5	119.0	117.2	115.8	114.3	112.1	108.4	
Average hourly earnings	123.7	121.1	122.2	120.5	120.5	120.5	120.5	121.1	120.2	119.3	118.4	115.8	110.8	
DEPARTMENT OF DEFENSE														
Total employment	1,167.5	1,162.4	1,125.2	1,128.2	1,129.0	1,130.4	1,131.3	1,090.6	1,093.1	1,094.1	1,097.0	1,136.5	1,159.9	
Average weekly hours	38.5	40.2	39.9	39.8	40.2	40.7	40.2	39.5	40.0	40.1	39.8	40.0	40.5	
Average overtime hours . . . . .	.9	1.2	1.0	.8	1.2	1.2	1.3	1.2	1.1	1.4	1.0	1.1	1.1
Indexes (1965=100):														
Average weekly earnings	118.4	118.2	119.9	116.5	117.4	118.8	117.7	115.6	115.7	114.8	113.4	111.1	107.9	
Average hourly earnings	125.5	120.0	122.6	119.4	119.1	119.1	119.4	119.4	118.0	116.8	116.2	113.3	108.7	
POST OFFICE DEPARTMENT														
Total employment	739.8	736.6	723.1	720.9	718.5	718.4	718.5	795.4	721.8	711.5	712.8	731.5	734.1	
Average weekly hours	39.1	38.4	38.5	38.8	38.7	39.4	38.6	41.4	39.3	38.6	38.2	38.1	38.6	
Average overtime hours . . . . .	.8	.9	1.1	1.3	1.2	1.0	1.1	4.0	1.2	1.2	.9	.6	.7
Indexes (1965=100):														
Average weekly earnings	117.8	111.1	112.0	113.2	112.6	114.3	112.3	123.7	114.0	112.0	109.6	108.4	104.6	
Average hourly earnings	124.4	119.5	120.1	120.5	120.1	119.8	120.1	123.4	119.8	119.8	118.5	117.5	111.9	
OTHER AGENCIES														
Total employment	897.2	896.9	856.2	862.9	854.4	855.4	849.5	848.3	852.7	853.3	860.4	891.9	913.9	
Average weekly hours	39.6	39.2	39.6	39.8	39.3	39.4	39.2	38.9	39.1	38.8	38.9	39.2	39.1	
Average overtime hours . . . . .	.8	.9	.9	.9	.8	.8	.7	.7	.8	.7	.8	.7	.7
Indexes (1965=100):														
Average weekly earnings	122.0	122.9	124.2	122.9	121.9	122.4	121.8	121.4	122.1	120.1	119.0	116.5	111.9	
Average hourly earnings	121.7	123.8	123.8	122.0	122.5	122.8	122.8	123.3	123.3	122.2	120.9	117.3	113.0	

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				
	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
MANUFACTURING	\$3.08	\$3.06	\$3.06	\$2.90	\$2.86
DURABLE GOODS	3.26	3.24	3.23	3.07	3.03
Ordnance and accessories	-	3.40	3.34	3.13	3.10
Lumber and wood products	-	2.65	2.62	2.51	2.48
Furniture and fixtures	-	2.53	2.52	2.40	2.37
Stone, clay, and glass products	-	3.03	3.01	2.87	2.85
Primary metal industries	-	3.66	3.62	3.44	3.41
Fabricated metal products	-	3.17	3.17	3.03	3.00
Machinery, except electrical	-	3.39	3.39	3.23	3.21
Electrical equipment and supplies	-	2.99	2.99	2.84	2.83
Transportation equipment	-	3.76	3.73	3.53	3.47
Instruments and related products	-	3.06	3.04	2.91	2.90
Miscellaneous manufacturing industries	-	2.55	2.57	2.42	2.41
NONDURABLE GOODS	2.82	2.79	2.80	2.66	2.64
Food and kindred products	-	2.78	2.81	2.64	2.63
Tobacco manufactures	-	2.46	2.71	2.32	2.38
Textile mill products	-	2.27	2.25	2.15	2.14
Apparel and other textile products	-	2.27	2.25	2.22	2.19
Paper and allied products	-	3.08	3.07	2.91	2.89
Printing and publishing	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.36	3.35	3.17	3.16
Petroleum and coal products	-	3.83	3.84	3.61	3.58
Rubber and plastics products, n e c	-	2.94	2.95	2.82	2.80
Leather and leather products	-	2.30	2.29	2.20	2.17

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.

NOTE: Data for the 2 most recent months are 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 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
TOTAL PRIVATE:									
Current dollars	\$116.51	\$115.82	\$109.16	\$92.35	\$91.85	\$87.39	\$101.45	\$100.92	\$96.29
1957-59 dollars	90.53	90.34	89.55	71.76	71.65	71.69	78.83	78.72	78.99
MINING:									
Current dollars	156.96	154.30	144.62	121.91	119.91	113.46	132.85	130.69	123.65
1957-59 dollars	121.96	120.36	118.64	94.72	93.53	93.08	103.22	101.94	101.44
CONTRACT CONSTRUCTION:									
Current dollars	187.77	183.91	170.72	144.98	142.19	132.87	157.86	154.73	144.61
1957-59 dollars	145.90	143.46	140.05	112.65	110.19	109.00	122.66	120.69	118.63
MANUFACTURING:									
Current dollars	129.92	129.20	121.69	102.20	101.67	96.64	111.75	111.20	105.91
1957-59 dollars	100.95	100.78	99.83	79.41	79.31	79.28	86.83	86.74	86.88
WHOLESALE AND RETAIL TRADE:									
Current dollars	93.33	93.08	88.80	75.18	74.99	72.08	83.70	83.50	80.42
1957-59 dollars	72.52	72.61	72.85	58.41	58.49	59.13	65.03	65.13	65.97
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	108.04	107.96	102.40	86.13	86.07	82.40	95.00	94.94	91.12
1957-59 dollars	83.95	84.21	84.00	66.92	67.14	67.60	73.82	74.06	74.75

¹For coverage of series, see footnote 1, table B-2.
NOTE: Data for the current month are preliminary.

C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1957-59=100				
	Sept. 1969	Aug. 1969	July 1969	Sept. 1968	Aug. 1968
	Man-hours				
TOTAL	123.0	122.0	119.1	120.5	118.4
MINING	83.2	85.9	84.5	82.3	83.5
CONTRACT CONSTRUCTION	132.7	134.6	132.4	126.3	128.3
MANUFACTURING	123.2	121.5	118.4	121.3	118.4
DURABLE GOODS	129.0	126.2	124.2	125.7	120.7
Ordnance and accessories	208.7	205.6	207.5	231.2	227.7
Lumber and wood products	95.5	97.1	95.0	97.7	99.0
Furniture and fixtures	136.4	136.3	128.3	132.7	131.9
Stone, clay, and glass products	118.7	118.4	116.3	115.8	116.2
Primary metal industries	115.4	115.7	115.2	106.9	105.7
Fabricated metal products	135.5	132.6	128.9	130.7	126.3
Machinery, except electrical	137.0	134.2	134.7	132.6	129.4
Electrical equipment and supplies	152.5	149.7	145.5	146.6	143.2
Transportation equipment	124.8	115.4	116.0	124.7	106.2
Instruments and related products	132.1	131.0	128.2	127.6	126.2
Miscellaneous manufacturing industries	117.1	114.6	107.0	116.7	114.3
NONDURABLE GOODS	115.6	115.4	110.9	115.6	115.3
Food and kindred products	113.0	109.2	100.1	108.7	108.2
Tobacco manufactures	97.4	89.2	67.9	104.4	96.3
Textile mill products	104.8	105.2	103.7	108.9	108.6
Apparel and other textile products	118.2	120.3	113.4	120.4	120.3
Paper and allied products	123.1	123.9	122.3	121.1	120.8
Printing and publishing	120.5	120.1	118.7	118.4	118.5
Chemicals and allied products	122.9	125.4	125.0	123.7	123.6
Petroleum and coal products	86.2	86.5	88.4	86.0	85.5
Rubber and plastics products, nec.	165.2	164.0	159.7	162.9	160.1
Leather and leather products	88.5	91.1	89.4	94.5	97.9
	Payrolls				
MINING	121.5	123.9	121.3	111.8	111.8
CONTRACT CONSTRUCTION	229.6	228.3	222.5	200.8	199.8
MANUFACTURING	188.0	183.6	178.7	174.7	167.5

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

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

Industry	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968	Oct. 1968	Sept. 1968
TOTAL PRIVATE	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.5	37.8	37.6	37.6	37.8	37.9
MINING	42.9	43.1	42.6	42.0	43.4	43.8	42.8	43.3	43.3	43.3	43.2	41.2	42.9
CONTRACT CONSTRUCTION	38.2	37.9	37.5	37.6	38.1	38.0	37.9	38.0	38.2	37.6	36.2	37.5	37.5
MANUFACTURING	40.7	40.6	40.7	40.7	40.7	40.8	40.9	40.4	40.6	40.8	40.8	40.9	41.0
<i>Overtime hours</i>	3.5	3.7	3.6	3.6	3.6	3.7	3.7	3.5	3.8	3.7	3.8	3.7	3.7
DURABLE GOODS	41.4	41.3	41.2	41.3	41.4	41.4	41.5	40.9	41.3	41.3	41.6	41.6	41.6
<i>Overtime hours</i>	3.7	3.8	3.8	3.9	3.8	3.8	3.9	3.8	3.8	3.9	4.0	3.9	3.9
Ordnance and accessories	40.7	40.5	40.2	40.9	40.6	40.9	40.8	40.3	40.0	41.3	41.4	42.0	41.7
Lumber and wood products	40.2	40.0	39.7	40.2	40.3	40.2	40.9	40.8	40.0	41.1	40.6	40.7	41.0
Furniture and fixtures	40.0	40.4	40.1	40.7	40.9	40.9	40.7	40.1	40.6	40.5	40.5	40.8	40.8
Stone, clay, and glass products	42.2	42.0	41.7	41.9	42.1	42.0	42.3	42.2	41.8	42.0	41.8	42.1	42.1
Primary metal industries	42.1	42.1	41.5	41.7	41.7	41.8	41.9	41.6	41.7	41.6	41.4	41.4	41.4
Fabricated metal products	41.3	41.4	41.6	41.8	41.6	41.8	41.9	41.2	41.8	41.7	42.1	42.1	41.9
Machinery, except electrical	42.3	42.5	42.2	42.5	42.6	42.6	42.7	42.3	42.5	42.2	42.3	42.3	42.3
Electrical equipment and supplies	40.4	40.4	40.3	40.6	40.6	40.9	40.7	39.7	40.4	40.2	40.3	40.4	40.7
Transportation equipment	41.5	41.2	42.3	41.6	41.1	41.5	41.6	41.6	41.4	41.8	42.3	42.5	42.3
Instruments and related products	41.0	41.0	40.9	40.9	40.8	40.8	40.7	39.7	40.7	40.5	40.7	40.6	40.6
Miscellaneous manufacturing industries	39.0	38.9	39.1	39.2	39.1	39.5	39.0	37.6	39.2	39.0	39.2	39.4	39.6
NONDURABLE GOODS	39.7	39.6	39.7	39.8	39.8	39.8	39.9	39.1	39.8	39.9	39.7	39.9	40.0
<i>Overtime hours</i>	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.6	3.4	3.4	3.3	3.4
Food and kindred products	41.3	40.9	40.6	40.7	40.8	40.9	40.9	40.7	40.6	40.9	40.6	40.8	40.8
Tobacco manufactures	37.0	37.2	38.2	39.5	38.1	36.4	36.5	36.6	37.2	37.1	37.5	37.7	38.2
Textile mill products	40.7	40.8	41.2	41.2	41.0	41.1	40.9	39.9	40.6	41.2	41.1	41.2	41.4
Apparel and other textile products	35.9	36.0	36.0	36.2	36.1	36.0	36.0	35.2	36.2	36.1	36.0	36.3	36.4
Paper and allied products	42.7	42.8	43.0	42.9	43.0	43.4	43.2	42.5	43.5	43.2	43.0	43.1	43.2
Printing and publishing	38.3	38.4	38.5	38.4	38.4	38.3	38.3	37.9	38.4	38.5	38.4	38.6	38.5
Chemicals and allied products	41.5	41.8	41.9	41.8	41.8	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9
Petroleum and coal products	42.7	42.7	42.9	42.2	43.0	42.9	43.2	42.6	41.8	42.7	42.6	42.6	42.5
Rubber and plastics products, nec	40.9	40.9	41.2	41.3	41.4	41.4	41.4	40.7	41.5	41.5	41.4	41.6	41.6
Leather and leather products	37.2	36.8	37.0	37.4	37.6	37.7	37.6	35.3	37.6	37.8	37.9	38.6	38.1
WHOLESALE AND RETAIL TRADE	35.6	35.8	35.7	35.7	35.7	35.6	35.7	35.7	35.8	35.7	35.8	35.9	36.1
WHOLESALE TRADE	40.4	40.3	40.0	40.0	40.1	40.2	40.1	40.1	40.1	40.0	40.0	40.1	40.2
RETAIL TRADE	34.1	34.3	34.2	34.2	34.3	34.1	34.3	34.2	34.4	34.3	34.5	34.5	34.7
FINANCE, INSURANCE, AND REAL ESTATE	36.9	37.0	37.0	37.2	37.0	37.1	37.1	37.1	37.2	37.0	36.9	37.1	37.1

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

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted

1957-59=100

Industry	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968	Oct. 1968	Sept. 1968
TOTAL	118.6	119.0	118.0	118.6	118.1	118.1	118.3	116.8	117.4	116.9	115.9	116.0	116.2
MINING	81.6	82.5	81.4	78.9	81.7	82.8	81.1	82.5	82.0	81.7	81.3	70.3	80.7
CONTRACT CONSTRUCTION	118.6	117.8	117.9	119.5	119.3	117.4	117.7	118.0	117.7	115.3	110.0	113.8	112.9
MANUFACTURING	120.4	121.1	119.8	120.4	119.7	120.0	120.3	118.4	119.1	119.0	118.7	118.7	118.7
DURABLE GOODS	127.3	128.6	126.2	126.9	125.8	126.3	126.8	124.9	125.3	124.5	124.4	124.1	124.1
Ordnance and accessories	206.1	208.6	211.5	216.3	219.3	222.1	226.2	221.1	220.6	226.6	227.2	216.3	228.8
Lumber and wood products	93.0	92.6	92.1	94.7	95.3	94.2	96.3	95.9	94.2	96.0	94.2	94.2	95.0
Furniture and fixtures	132.9	133.2	131.6	134.6	135.6	135.9	134.2	132.3	132.9	130.8	130.4	130.2	129.6
Stone, clay, and glass products	114.4	113.0	112.2	114.0	113.3	113.6	115.7	115.9	114.2	113.9	112.0	112.4	111.8
Primary metal industries	117.0	115.9	113.2	113.7	112.2	111.9	112.9	111.5	111.0	110.0	108.1	107.7	108.5
Fabricated metal products	132.7	132.7	132.2	132.8	132.1	132.4	133.0	130.1	131.3	129.9	130.6	129.9	128.1
Machinery, except electrical	137.8	137.3	136.3	138.1	137.3	137.7	137.3	136.7	136.3	134.0	135.1	133.8	133.4
Electrical equipment and supplies	150.4	150.6	150.4	150.6	150.8	150.6	149.3	144.7	146.0	143.8	143.5	143.5	144.8
Transportation equipment	122.3	131.2	121.7	120.0	115.7	118.6	119.9	119.4	119.9	120.0	121.7	122.6	122.5
Instruments and related products	131.2	131.2	130.4	130.9	131.5	130.6	130.2	125.7	128.5	127.5	127.8	127.1	126.6
Miscellaneous manufacturing industries	110.5	110.2	111.8	111.4	110.8	112.3	111.2	106.3	112.4	111.8	110.5	110.4	110.3
NONDURABLE GOODS	111.4	111.4	111.5	112.1	111.8	111.7	111.8	109.8	111.0	111.8	111.3	111.7	111.5
Food and kindred products	100.4	97.9	96.2	96.8	97.4	97.6	97.8	97.9	96.9	97.3	96.0	96.5	96.4
Tobacco manufactures	77.8	81.6	79.2	83.1	80.2	75.5	76.8	77.0	80.5	78.0	80.0	80.5	83.8
Textile mill products	103.5	104.1	106.2	106.2	105.5	106.2	106.3	104.1	106.1	107.5	107.2	107.1	107.7
Apparel and other textile products	116.9	117.4	117.8	119.1	118.8	118.2	117.6	114.3	119.0	117.7	117.5	118.9	119.0
Paper and allied products	121.2	121.7	121.8	121.7	121.6	121.6	122.4	120.4	122.1	121.0	119.8	119.4	119.1
Printing and publishing	119.3	119.3	119.4	118.9	118.1	118.3	118.5	117.0	118.8	118.7	118.2	118.5	117.5
Chemicals and allied products	122.5	124.8	125.1	125.4	124.2	123.6	124.5	124.5	124.5	124.5	124.3	123.7	123.3
Petroleum and coal products	82.5	83.2	84.3	82.9	83.8	83.6	82.8	71.0	50.4	83.9	83.7	83.7	82.1
Rubber and plastics products, nec	161.9	163.3	164.9	165.3	164.2	163.5	163.5	160.4	162.0	161.0	159.8	161.0	159.9
Leather and leather products	89.2	88.8	89.0	91.5	92.3	92.5	92.6	87.2	94.1	94.3	95.2	97.0	95.4

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

NOTE: Data for the 2 most recent months are preliminary.

OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

C-9: Output per man-hour, hourly compensation, and unit labor costs,
private economy, seasonally adjusted

(Indexes 1957-59=100)

Year and quarter	Output		Man-hours		Output per man-hour		Compensation per man-hour ¹		Real compensation per man-hour ²		Unit labor costs	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1966: 1st Quarter	143.2	144.8	109.4	113.7	130.9	127.3	139.2	135.5	124.9	121.6	106.3	106.5
2d Quarter	144.3	146.3	109.8	114.5	131.5	127.7	142.0	137.9	126.1	122.5	108.0	108.0
3d Quarter	145.3	147.4	110.5	115.5	131.5	127.6	144.0	139.6	126.7	122.9	109.5	109.4
4th Quarter	146.9	149.0	110.6	115.5	132.9	129.0	146.5	141.9	128.0	123.9	110.3	110.0
Annual average	144.9	146.9	110.1	114.8	131.7	127.9	142.9	138.8	126.5	122.8	108.5	108.5
1967: 1st Quarter	146.4	148.2	110.6	115.5	132.4	128.3	147.9	143.5	129.0	125.2	111.7	111.9
2d Quarter	147.2	148.9	109.6	114.9	134.4	129.6	150.3	145.5	130.1	126.0	111.9	112.3
3d Quarter	148.9	150.7	110.3	115.3	134.9	130.6	152.2	147.6	130.4	126.4	112.9	113.0
4th Quarter	150.2	152.1	110.9	116.0	135.4	131.1	154.3	149.7	131.1	127.2	114.0	114.2
Annual average	148.2	150.0	110.4	115.4	134.3	129.9	151.2	146.6	130.1	126.2	112.6	112.9
1968: 1st Quarter	152.4	154.3	111.2	116.4	137.0	132.6	158.5	153.6	133.3	129.2	115.7	115.9
2d Quarter	155.2	157.5	112.2	117.5	138.3	134.1	160.8	155.7	133.7	129.4	116.3	116.1
3d Quarter	156.7	159.0	112.7	118.3	139.0	134.4	163.7	158.1	134.5	129.8	117.8	117.6
4th Quarter	158.1	160.6	112.6	118.3	140.4	135.8	167.8	162.0	136.3	131.5	119.6	119.4
Annual average	155.6	157.9	112.2	117.6	138.7	134.2	162.7	157.4	134.4	130.0	117.4	117.3
1969: 1st Quarter	159.1	161.5	113.7	119.6	139.9	135.0	170.5	164.4	136.7	131.8	121.8	121.8
2d Quarter	160.0	162.5	114.7	120.7	139.5	134.6	172.7	166.4	136.2	131.2	123.8	123.7
Percent change from previous quarter ³												
1966: 1st Quarter	2.0	2.1	0.5	0.8	1.5	1.2	2.1	1.8	1.4	1.0	0.6	0.5
2d Quarter	0.8	1.0	0.4	0.7	0.4	0.3	2.0	1.8	0.9	0.7	1.6	1.5
3d Quarter	0.7	0.8	0.7	0.9	0.0	-0.1	1.4	1.2	0.5	0.3	1.4	1.3
4th Quarter	1.1	1.1	0.1	0.0	1.0	1.1	1.8	1.6	1.0	0.8	0.7	0.5
1967: 1st Quarter	-0.4	-0.6	0.0	-0.1	-0.4	-0.5	1.0	1.2	0.8	1.0	1.3	1.7
2d Quarter	0.6	0.5	-0.9	-0.5	1.5	1.0	1.6	1.3	0.9	0.6	0.1	0.3
3d Quarter	1.1	1.2	0.7	0.4	0.4	0.7	1.3	1.4	0.2	0.4	0.9	0.7
4th Quarter	0.9	1.0	0.5	0.6	0.4	0.4	1.4	1.4	0.5	0.6	1.0	1.1
1968: 1st Quarter	1.5	1.5	0.3	0.3	1.2	1.2	2.7	2.6	1.7	1.6	1.5	1.4
2d Quarter	1.8	2.0	0.9	0.9	0.9	1.1	1.5	1.3	0.3	0.2	0.5	0.2
3d Quarter	1.0	1.0	0.5	0.7	0.5	0.3	1.8	1.6	0.6	0.3	1.3	1.3
4th Quarter	0.9	1.0	-0.1	0.0	0.9	1.0	2.5	2.5	1.3	1.3	1.6	1.5
1969: 1st Quarter	0.7	0.6	0.9	1.1	-0.3	-0.6	1.6	1.4	0.3	-0.2	1.8	2.0
2d Quarter	0.6	0.6	0.9	0.9	-0.3	-0.3	1.3	1.2	-0.4	-0.5	1.6	1.5
Annual percent change ⁴												
Year ending -												
1968: 1st Quarter	2.7	2.5	0.1	0.4	2.6	2.2	6.0	5.9	3.0	2.9	3.4	3.7
2d Quarter	3.5	3.5	0.8	0.8	2.7	2.7	6.3	6.3	2.9	2.9	3.5	3.5
3d Quarter	4.3	4.4	1.3	1.5	2.9	2.8	6.8	6.7	2.9	2.8	3.8	3.7
4th Quarter	5.0	5.3	1.7	1.9	3.3	3.3	7.6	7.4	3.3	3.0	4.2	3.9
1969: 1st Quarter	5.1	5.4	2.1	2.4	2.9	2.9	7.7	7.4	3.1	2.7	4.7	4.3
2d Quarter	4.5	4.7	2.0	2.5	2.4	2.2	7.8	7.3	2.9	2.4	5.3	5.1

¹Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

²Compensation per man-hour adjusted for changes in the consumer price index.

³Percent change based on aggregates.

⁴Average for 12 months ending with quarter, divided by average for preceding 12 months.

Source: Output data from the Office of Business Economics, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics. See BLS Handbook of Methods for Surveys and Studies--Chapter 22. Output Per Man-Hour Measures, Private Economy.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
ALABAMA	\$112.89	\$112.88	\$104.14	41.2	41.5	41.0	\$2.74	\$2.72	\$2.54
Birmingham	133.08	135.01	124.95	41.2	41.8	40.7	3.23	3.23	3.07
Mobile	134.30	138.56	126.98	42.1	43.3	42.9	3.19	3.20	2.96
ALASKA	(*)	187.46	163.99	(*)	46.4	41.1	(*)	4.04	3.99
ARIZONA	125.24	125.76	125.25	40.4	40.7	41.2	3.10	3.09	3.04
Phoenix	126.86	128.11	126.07	40.4	40.8	41.2	3.14	3.14	3.06
Tucson	130.41	127.00	126.40	41.4	41.1	40.0	3.15	3.09	3.16
ARKANSAS	94.54	93.60	92.32	40.4	40.0	41.4	2.34	2.34	2.23
Fort Smith	92.29	88.70	89.62	40.3	38.4	41.3	2.29	2.31	2.17
Little Rock-North Little Rock	99.94	100.61	96.46	40.3	40.9	41.4	2.48	2.46	2.33
Pine Bluff	117.97	117.27	111.52	40.4	40.3	41.0	2.92	2.91	2.72
CALIFORNIA	146.29	146.33	140.76	40.3	40.2	40.8	3.63	3.64	3.45
Anaheim-Santa Ana-Garden Grove	148.01	146.11	140.76	41.0	40.7	41.4	3.61	3.59	3.40
Bakersfield	147.66	146.65	139.88	39.8	40.4	40.9	3.71	3.63	3.42
Fresno	123.86	127.44	119.70	39.7	39.7	39.9	3.12	3.21	3.00
Los Angeles-Long Beach	142.31	141.86	137.23	40.2	40.3	40.6	3.54	3.52	3.38
Modesto-Turlock	125.51	121.97	128.11	39.1	37.3	40.8	3.21	3.27	3.14
Oxnard-Ventura	126.99	129.36	113.24	38.6	39.2	38.0	3.29	3.30	2.98
Sacramento	154.66	155.99	152.52	40.7	38.9	41.9	3.80	4.01	3.64
Salinas-Monterey	130.32	126.71	129.20	38.9	37.6	40.0	3.35	3.37	3.23
San Bernardino-Riverside-Ontario	142.61	139.70	141.86	40.4	39.8	41.6	3.53	3.51	3.41
San Diego	159.58	160.74	154.13	40.4	40.9	41.1	3.95	3.93	3.75
San Francisco-Oakland	160.80	161.58	151.18	40.0	39.7	40.1	4.02	4.07	3.77
San Jose	150.55	155.66	141.86	40.8	41.4	41.6	3.69	3.76	3.41
Santa Barbara	136.40	139.04	129.63	40.0	40.3	39.4	3.41	3.45	3.29
Santa Rosa	128.15	130.37	126.69	40.3	38.8	42.8	3.18	3.36	2.96
Stockton	143.91	147.17	142.23	41.0	40.1	43.1	3.51	3.67	3.30
Vallejo-Napa	136.64	142.08	130.65	38.6	38.4	39.0	3.54	3.70	3.35
COLORADO	140.69	138.31	132.09	41.5	40.8	41.8	3.39	3.39	3.16
Denver	140.90	142.14	134.60	41.2	41.2	41.8	3.42	3.45	3.22
CONNECTICUT	135.94	137.01	128.63	41.7	41.9	41.9	3.26	3.27	3.07
Bridgeport	141.20	142.28	133.24	41.9	42.6	41.9	3.37	3.34	3.18
Hartford	147.74	149.21	138.88	42.7	43.0	42.6	3.46	3.47	3.26
New Britain	136.70	136.95	129.68	41.3	41.5	41.3	3.31	3.30	3.14
New Haven	133.72	139.11	128.44	41.4	41.9	41.3	3.23	3.32	3.11
Stamford	145.59	144.75	130.92	42.2	42.2	41.3	3.45	3.43	3.17
Waterbury	126.58	126.46	120.93	41.5	41.6	41.7	3.05	3.04	2.90
DELAWARE	127.76	128.79	127.10	39.8	40.5	41.0	3.21	3.18	3.10
Wilmington	144.51	147.33	142.96	39.7	40.7	41.2	3.64	3.62	3.47
DISTRICT OF COLUMBIA : Washington SMSA	(*)	137.16	130.87	(*)	39.3	39.9	(*)	3.49	3.28
FLORIDA	116.48	113.70	107.68	41.6	40.9	41.9	2.80	2.78	2.57
Fort Lauderdale-Hollywood	109.53	110.43	101.30	39.4	40.6	40.2	2.78	2.72	2.52
Jacksonville	124.52	121.09	111.34	42.5	41.9	41.7	2.93	2.89	2.67
Miami	110.42	108.00	96.62	41.2	40.6	39.6	2.68	2.66	2.44
Orlando	117.67	114.86	111.19	41.0	40.3	41.8	2.87	2.85	2.66
Pensacola	135.11	139.16	128.53	41.7	43.9	42.7	3.24	3.17	3.01
Tampa-St. Petersburg	(*)	116.76	111.87	(*)	41.7	42.7	(*)	2.80	2.62
West Palm Beach	(*)	117.56	115.90	(*)	38.8	43.9	(*)	3.03	2.64
GEORGIA	105.88	104.55	97.75	41.2	41.0	40.9	2.57	2.55	2.39
Atlanta	130.17	128.61	119.66	40.3	40.7	40.7	3.23	3.16	2.94
Savannah	132.29	138.01	122.96	42.4	43.4	42.4	3.12	3.18	2.90
HAWAII	119.97	111.93	103.02	43.0	40.7	37.6	2.79	2.75	2.74
Honolulu	121.39	112.75	99.00	43.2	41.3	36.0	2.81	2.73	2.75
IDAHO	130.15	128.10	125.45	39.8	37.9	39.7	3.27	3.38	3.16
ILLINOIS	(*)	140.47	132.28	(*)	40.8	41.0	(*)	3.44	3.22
Chicago	(*)	143.05	134.10	(*)	40.8	40.8	(*)	3.50	3.28
Davenport-Rock Island-Moline	(*)	153.33	143.01	(*)	40.0	39.2	(*)	3.83	3.65

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
ILLINOIS (continued)									
Peoria	(*)	\$161.71	\$157.33	(*)	42.3	43.8	(*)	\$3.82	\$3.59
Rockford	(*)	139.08	135.83	(*)	41.7	42.8	(*)	3.34	3.18
INDIANA	\$145.20	143.67	135.05	40.9	40.7	40.8	\$3.55	3.53	3.31
Indianapolis	(*)	142.66	142.21	(*)	40.3	42.2	(*)	3.54	3.37
IOWA	131.09	135.49	126.36	38.9	39.5	39.7	3.37	3.43	3.18
Cedar Rapids	135.32	138.84	125.81	39.8	41.2	40.0	3.40	3.37	3.14
Des Moines	139.68	154.71	135.17	38.8	41.7	39.7	3.60	3.71	3.40
Dubuque	147.44	152.49	139.94	38.0	39.0	38.5	3.88	3.91	3.63
Sioux City	135.56	131.87	127.21	42.9	40.7	42.0	3.16	3.24	3.03
Waterloo	147.41	148.93	149.94	39.1	39.4	40.6	3.77	3.78	3.69
KANSAS	(*)	125.13	125.39	(*)	40.9	42.4	(*)	3.06	2.96
Topeka	(*)	144.18	145.88	(*)	43.3	44.7	(*)	3.33	3.27
Wichita	(*)	135.09	130.63	(*)	42.4	41.6	(*)	3.19	3.14
KENTUCKY	111.84	123.60	116.98	39.8	40.0	40.2	2.81	3.09	2.91
Louisville	135.86	134.85	131.64	39.4	39.0	40.2	3.45	3.46	3.28
LOUISIANA	126.18	129.78	120.89	41.1	42.0	41.4	3.07	3.09	2.92
Baton Rouge	155.66	162.43	147.94	42.3	43.2	40.2	3.68	3.76	3.68
New Orleans	131.22	132.99	124.12	40.5	41.3	41.1	3.24	3.22	3.02
Shreveport	118.40	119.00	108.99	41.4	41.9	41.6	2.86	2.84	2.62
MAINE	105.01	102.91	100.43	40.7	40.2	41.5	2.58	2.56	2.42
Lewiston-Auburn	85.70	83.95	84.10	37.1	36.5	38.4	2.31	2.30	2.19
Portland	108.27	104.10	105.37	40.1	38.7	41.0	2.70	2.69	2.57
MARYLAND	130.88	130.97	120.18	40.9	40.8	40.6	3.20	3.21	2.96
Baltimore	136.94	135.46	124.24	41.0	40.8	40.6	3.34	3.32	3.06
MASSACHUSETTS	120.90	120.29	114.00	39.9	39.7	40.0	3.03	3.03	2.85
Boston	127.73	127.40	121.39	39.3	39.2	39.8	3.25	3.25	3.05
Brockton	106.47	103.95	101.26	38.3	37.8	39.4	2.78	2.75	2.57
Fall River	93.44	92.36	88.93	36.5	35.8	36.9	2.56	2.58	2.41
Lawrence-Haverhill	114.74	112.63	108.95	40.4	39.8	40.5	2.84	2.83	2.69
Lowell	106.62	103.14	101.09	39.2	38.2	39.8	2.72	2.70	2.54
New Bedford ²	101.40	101.82	96.29	39.0	38.7	39.3	2.60	2.63	2.45
Springfield-Chicopee-Holyoke	124.53	123.72	118.48	40.3	40.3	40.3	3.09	3.07	2.94
Worcester	128.30	129.74	116.91	40.6	40.8	39.1	3.16	3.18	2.99
MICHIGAN	166.10	169.22	159.09	41.4	42.0	42.3	4.01	4.03	3.76
Ann Arbor	159.61	163.51	158.15	40.5	41.3	41.1	3.94	3.96	3.85
Battle Creek	160.81	165.64	154.67	41.9	42.8	43.0	3.84	3.87	3.60
Bay City	153.39	152.95	142.20	41.1	41.8	41.3	3.73	3.66	3.44
Detroit	171.32	181.77	165.87	40.8	42.8	42.4	4.20	4.25	3.91
Flint	187.32	202.08	171.45	41.6	43.3	37.5	4.50	4.67	4.57
Grand Rapids	145.70	141.87	133.39	40.8	40.1	41.4	3.57	3.54	3.22
Jackson	154.99	159.33	142.16	39.6	40.5	38.8	3.91	3.93	3.66
Kalamazoo	156.98	155.01	144.16	43.4	42.4	42.4	3.62	3.66	3.40
Lansing	184.77	168.12	161.97	41.7	39.8	40.2	4.43	4.22	4.03
Muskegon-Muskegon Heights	142.30	141.31	138.92	40.6	40.7	40.8	3.51	3.47	3.41
Saginaw	189.04	166.80	165.94	43.2	39.1	42.8	4.38	4.27	3.88
MINNESOTA	134.09	134.37	127.78	40.5	40.7	41.1	3.31	3.30	3.11
Duluth-Superior	131.12	125.85	122.66	40.1	38.8	39.4	3.27	3.25	3.11
Minneapolis-St. Paul	142.65	141.84	136.12	40.6	40.8	41.5	3.51	3.47	3.28
MISSISSIPPI	95.06	94.19	92.96	40.8	40.6	41.5	2.33	2.32	2.24
Jackson	93.66	92.80	93.68	40.9	40.7	42.2	2.29	2.28	2.22
MISSOURI	128.30	130.57	120.29	39.6	40.3	39.7	3.24	3.24	3.03
Kansas City	128.08	128.56	125.26	39.9	40.3	40.8	3.21	3.19	3.07
St. Joseph	136.51	136.28	132.44	43.2	43.4	44.0	3.16	3.14	3.01
St. Louis	146.25	146.93	134.86	40.4	40.7	39.9	3.62	3.61	3.38
Springfield ¹	105.07	105.28	(*)	39.2	39.0	(*)	2.68	2.70	(*)
MONTANA	137.20	138.05	137.25	40.0	39.9	42.1	3.43	3.46	3.26
NEBRASKA	128.35	126.29	122.11	43.6	42.9	43.8	2.95	2.94	2.79
Omaha	129.54	129.89	123.90	42.3	42.3	42.5	3.06	3.07	2.91

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
NEVADA.....	\$161.20	\$159.57	\$155.61	40.0	40.5	39.9	\$4.03	\$3.94	\$3.90
NEW HAMPSHIRE.....	104.54	102.70	100.04	39.9	39.5	40.5	2.62	2.60	2.47
Manchester.....	94.11	92.61	89.55	38.1	37.8	38.6	2.47	2.45	2.32
NEW JERSEY.....	132.44	131.54	124.74	40.5	40.6	40.5	3.27	3.24	3.08
Atlantic City.....	107.06	102.05	102.59	40.4	39.4	41.2	2.65	2.59	2.49
Camden ³	139.10	134.79	126.07	41.4	40.6	40.8	3.36	3.32	3.09
Jersey City ⁴	139.77	134.39	126.17	42.1	40.6	40.7	3.32	3.31	3.10
Newark ⁴	130.87	128.55	126.59	39.9	39.8	41.1	3.28	3.23	3.08
Paterson-Clifton-Passaic ⁴	130.07	135.71	123.20	39.9	41.5	40.0	3.26	3.27	3.08
Perth Amboy ⁴	135.81	135.07	130.65	40.3	40.2	40.7	3.37	3.36	3.21
Trenton.....	123.95	122.62	124.74	39.1	39.3	40.5	3.17	3.12	3.08
NEW MEXICO.....	103.36	104.13	104.74	39.3	39.0	41.4	2.63	2.67	2.53
Albuquerque.....	112.42	115.26	111.37	38.9	40.3	41.4	2.89	2.86	2.69
NEW YORK.....	(*)	128.05	121.48	(*)	39.4	39.7	(*)	3.25	3.06
Albany-Schenectady-Troy.....	140.56	139.06	128.32	41.1	40.9	40.1	3.42	3.40	3.20
Binghamton.....	132.19	130.00	118.84	41.7	41.4	40.7	3.17	3.14	2.92
Buffalo.....	154.75	151.29	144.49	41.6	41.0	41.4	3.72	3.69	3.49
Elmira.....	122.09	123.32	111.22	39.9	40.3	39.3	3.06	3.06	2.83
Monroe County ⁵	158.76	151.20	147.26	42.0	41.2	41.6	3.78	3.67	3.54
Nassau and Suffolk Counties ⁶	126.32	126.72	125.55	39.6	40.1	41.3	3.19	3.16	3.04
New York-Northeastern New Jersey.....	(*)	125.58	119.47	(*)	39.0	39.3	(*)	3.22	3.04
New York SMSA ⁴	(*)	121.54	114.82	(*)	38.1	38.4	(*)	3.19	2.99
New York City ⁶	(*)	119.63	112.64	(*)	37.5	37.8	(*)	3.19	2.98
Rochester.....	153.35	147.50	141.93	41.9	41.2	41.5	3.66	3.58	3.42
Rockland County ⁶	129.90	128.54	126.54	41.5	41.2	41.9	3.13	3.12	3.02
Syracuse.....	135.27	135.49	131.11	40.5	40.5	41.1	3.34	3.37	3.19
Utica-Rome.....	122.92	121.09	116.00	40.3	39.7	40.7	3.05	3.05	2.85
Westchester County ⁶	124.15	134.53	115.84	38.2	40.4	39.4	3.25	3.33	2.94
NORTH CAROLINA.....	95.18	93.73	90.61	40.5	40.4	41.0	2.35	2.32	2.21
Asheville.....	92.29	92.52	87.85	40.3	40.4	40.3	2.29	2.29	2.18
Charlotte.....	98.49	97.85	93.94	40.7	40.6	41.2	2.42	2.41	2.28
Greensboro-Winston-Salem-High Point.....	101.60	99.43	94.96	40.0	39.3	39.9	2.54	2.53	2.38
Raleigh.....	95.20	95.68	89.91	40.0	40.2	40.5	2.38	2.38	2.22
NORTH DAKOTA.....	111.16	114.47	108.57	40.1	40.6	39.5	2.77	2.82	2.75
Fargo-Moorhead.....	121.76	129.40	124.69	40.6	41.5	41.8	3.00	3.12	2.99
OHIO.....	152.14	150.75	139.80	41.8	41.6	41.2	3.64	3.62	3.39
Akron.....	168.22	167.76	161.51	42.4	42.0	42.2	3.97	3.99	3.83
Canton.....	151.40	150.09	129.71	41.5	41.6	38.5	3.65	3.61	3.37
Cincinnati.....	139.27	138.24	131.62	41.4	41.5	42.0	3.36	3.33	3.13
Cleveland.....	157.45	156.41	140.19	42.1	42.3	40.6	3.74	3.70	3.45
Columbus.....	140.43	138.83	133.57	40.8	40.5	40.7	3.44	3.43	3.28
Dayton.....	172.24	174.23	160.75	42.6	42.8	42.5	4.04	4.07	3.78
Toledo.....	170.45	161.36	154.29	43.9	42.1	42.6	3.88	3.83	3.62
Youngstown-Warren.....	162.20	159.43	141.09	41.4	41.3	38.4	3.92	3.86	3.67
OKLAHOMA.....	122.07	119.18	115.49	41.1	40.4	41.1	2.97	2.95	2.81
Oklahoma City.....	119.65	114.37	110.43	41.4	40.7	40.9	2.89	2.81	2.70
Tulsa.....	134.31	131.78	128.17	41.2	40.8	42.3	3.26	3.23	3.03
OREGON.....	140.73	139.03	132.20	39.2	38.3	39.7	3.59	3.63	3.33
Eugene.....	147.90	141.15	138.69	40.3	39.1	41.4	3.67	3.61	3.35
Portland.....	144.11	143.50	131.04	39.7	39.1	39.0	3.63	3.67	3.36
PENNSYLVANIA.....	128.96	126.48	119.00	40.3	39.9	39.8	3.20	3.17	2.99
Allentown-Bethlehem-Easton.....	126.48	124.97	114.46	39.9	39.3	38.8	3.17	3.18	2.95
Allentown.....	106.15	105.96	98.78	38.6	39.1	39.2	2.75	2.71	2.52
Erie.....	135.11	134.60	125.77	41.7	41.8	41.1	3.24	3.22	3.06
Harrisburg.....	121.60	118.03	113.15	41.5	40.7	40.7	2.93	2.90	2.78
Johnstown.....	131.58	132.14	105.64	38.7	38.3	34.3	3.40	3.45	3.08
Lancaster.....	117.33	114.62	108.00	40.6	39.8	40.0	3.40	2.88	2.70
Philadelphia.....	137.97	135.81	127.03	40.7	40.3	40.2	3.39	3.37	3.16
Pittsburgh.....	146.97	144.32	133.67	40.6	40.2	39.2	3.62	3.59	3.41
Reading.....	115.02	108.29	112.07	39.8	38.4	40.9	2.89	2.82	2.74
Scranton.....	98.68	97.92	94.22	38.1	38.4	38.3	2.59	2.55	2.46
Wilkes-Barre-Hazleton.....	93.33	94.12	87.66	36.6	37.2	37.3	2.55	2.53	2.35
York.....	121.13	119.85	112.10	42.5	42.2	42.3	2.85	2.84	2.65

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968	Aug. 1969	July 1969	Aug. 1968
RHODE ISLAND	\$108.67	\$108.00	\$101.85	40.1	40.3	40.1	\$2.71	\$2.68	\$2.54
Providence-Pawtucket-Warwick	109.34	108.27	102.80	40.2	40.1	40.0	2.72	2.70	2.57
SOUTH CAROLINA	99.70	99.29	93.71	41.2	41.2	41.1	2.42	2.41	2.28
Charleston	115.09	111.92	114.81	41.4	40.7	41.3	2.78	2.75	2.78
Greenville	98.29	100.62	92.48	41.3	42.1	41.1	2.38	2.39	2.25
SOUTH DAKOTA	119.85	119.24	121.75	43.9	44.0	45.6	2.73	2.71	2.67
Sioux Falls	138.46	139.54	135.75	46.0	45.9	47.3	3.01	3.04	2.87
TENNESSEE	104.78	104.38	99.38	40.3	40.3	40.4	2.60	2.59	2.46
Chattanooga	117.88	114.54	108.94	42.1	41.2	40.5	2.80	2.78	2.69
Knoxville	116.72	116.29	109.25	39.7	40.1	39.3	2.94	2.90	2.78
Memphis	116.52	114.74	112.19	40.6	40.4	41.4	2.87	2.84	2.71
Nashville	113.77	111.78	105.46	40.2	39.5	40.1	2.83	2.83	2.63
TEXAS	125.86	125.33	119.94	41.4	41.5	41.5	3.04	3.02	2.89
Amarillo	112.34	113.16	98.00	41.0	41.3	39.2	2.74	2.74	2.50
Austin	(*)	98.85	96.41	(*)	39.7	41.2	(*)	2.49	2.34
Beaumont-Port Arthur-Orange	165.92	169.60	144.44	41.9	42.4	39.9	3.96	4.00	3.62
Corpus Christi	143.64	144.58	138.02	42.0	42.4	42.6	3.42	3.41	3.24
Dallas	118.32	117.50	113.58	40.8	40.8	41.3	2.90	2.88	2.75
El Paso	85.47	86.28	84.40	40.7	40.7	40.0	2.10	2.12	2.11
Fort Worth	137.60	136.21	126.77	42.6	42.7	41.7	3.23	3.19	3.04
Galveston-Texas City	190.48	196.58	173.29	44.4	45.4	43.0	4.29	4.33	4.03
Houston	148.43	148.52	141.37	42.9	43.3	43.1	3.46	3.43	3.28
Lubbock	103.32	105.22	99.79	42.0	42.6	43.2	2.46	2.47	2.31
San Antonio	104.58	104.58	98.41	42.0	42.0	42.6	2.49	2.49	2.31
Waco	105.60	105.98	107.12	39.7	38.4	41.2	2.66	2.76	2.60
Wichita Falls	104.00	104.62	96.51	42.8	42.7	41.6	2.43	2.45	2.32
UTAH	131.05	131.20	126.76	40.2	40.0	40.5	3.26	3.28	3.13
Salt Lake City	122.93	124.66	124.01	39.4	39.7	41.2	3.12	3.14	3.01
VERMONT	116.06	114.40	109.30	41.6	41.3	42.2	2.79	2.77	2.59
Burlington	127.28	135.86	118.56	43.0	45.9	42.8	2.96	2.96	2.77
Springfield	132.70	133.46	117.45	41.6	42.1	40.5	3.19	3.17	2.90
VIRGINIA	108.24	106.63	102.18	41.0	40.7	41.2	2.64	2.62	2.48
Lynchburg	104.16	104.66	96.79	42.0	42.2	41.9	2.48	2.48	2.31
Norfolk-Portsmouth	109.08	112.17	102.91	40.4	41.7	40.2	2.70	2.69	2.56
Richmond	116.40	114.11	112.20	40.7	39.9	41.1	2.86	2.86	2.73
Roanoke	103.81	96.23	95.91	42.2	39.6	41.7	2.46	2.43	2.30
WASHINGTON	154.41	152.87	142.71	39.9	39.5	40.2	3.87	3.87	3.55
Seattle-Everett	159.96	157.21	146.25	40.6	39.9	40.4	3.94	3.94	3.62
Spokane	146.15	146.46	146.06	39.5	39.8	40.8	3.70	3.68	3.58
Tacoma	148.20	148.18	133.60	39.0	39.2	38.5	3.80	3.78	3.47
WEST VIRGINIA	128.23	127.12	121.78	39.7	39.6	39.8	3.23	3.21	3.06
Charleston	160.60	156.14	140.94	42.6	42.2	39.7	3.77	3.70	3.55
Huntington-Ashland	141.29	141.95	127.16	39.8	40.1	38.3	3.55	3.54	3.32
Wheeling	124.94	126.32	123.11	38.8	39.6	40.1	3.22	3.19	3.07
WISCONSIN	138.15	136.42	128.90	41.1	40.9	41.1	3.37	3.34	3.14
Green Bay	139.62	140.94	129.54	42.4	42.0	41.9	3.29	3.36	3.09
Kenosha	147.56	149.13	126.79	39.1	38.8	36.3	3.77	3.84	3.49
La Crosse	111.40	114.05	109.38	40.0	40.3	40.9	2.78	2.83	2.68
Madison	149.10	144.23	145.86	40.8	39.6	42.9	3.66	3.64	3.40
Milwaukee	150.64	146.91	140.85	40.8	40.5	40.9	3.69	3.63	3.45
Racine	153.27	143.42	126.17	42.3	40.9	38.9	3.63	3.51	3.25
WYOMING	129.92	130.94	120.90	40.1	39.8	39.9	3.24	3.29	3.03
Casper	151.70	161.66	144.28	41.0	42.1	41.7	3.70	3.84	3.46

¹ Initial inclusion in this publication.
² Revised series; not strictly comparable with previously published data.
³ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
⁴ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁵ Subarea of Rochester Standard Metropolitan Statistical Area.
⁶ Subarea of New York Standard Metropolitan Statistical Area.

*Not available.
 NOTE: Data for the current month are preliminary.
 SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA LABOR TURNOVER

D-1: Labor turnover rates in manufacturing 1958 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 ¹	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
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	3.9	4.3	4.6	5.9	5.0	5.7	5.7	5.0	3.8	3.0	4.6
1969.....	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6					
New hires													
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
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	4.5	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.2					
Total separations													
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 ¹	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
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	4.9	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.5	5.3	6.1					
Quits													
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
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	2.2	2.3	3.7	4.1	2.8	2.1	1.6	2.5
1969.....	2.3	2.1	2.4	2.6	2.7	2.6	2.6	3.9					
Layoffs													
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
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	1.7	1.2	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	.9	1.6	1.1					

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.

Data for the current month are 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	
		Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969
	MANUFACTURING	5.6	5.1	4.2	3.9	6.1	5.3	3.9	2.6	1.1	1.6
19,24,25,32-39	DURABLE GOODS	5.1	4.5	3.7	3.4	5.7	5.0	3.5	2.4	1.1	1.6
20-23,26-31	NONDURABLE GOODS	6.3	6.1	5.0	4.6	6.7	5.6	4.5	3.0	1.2	1.7
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	2.3	2.6	1.6	1.8	4.3	3.2	2.7	1.7	.9	.7
192	Ammunition, except for small arms	1.8	2.2	1.3	1.5	4.2	3.1	2.7	1.7	1.0	.6
24	LUMBER AND WOOD PRODUCTS	6.3	6.3	5.7	5.6	8.3	6.6	6.0	4.5	1.2	1.0
242	Sawmills and planing mills	6.1	6.0	5.6	5.4	7.9	6.1	5.7	4.4	1.1	.7
2421	Sawmills and planing mills, general	5.6	5.4	5.2	4.9	7.5	5.6	5.3	3.9	1.1	.7
243	Millwork, plywood & related products	5.5	5.1	4.9	4.5	8.1	6.3	5.3	3.8	1.8	1.6
2431	Millwork	5.3	4.9	4.7	4.3	7.2	6.1	4.0	3.6	2.1	1.3
2432	Veneer and plywood	4.8	4.5	4.1	3.7	7.7	6.5	5.1	3.6	1.7	2.1
244	Wooden containers	9.3	9.1	7.7	8.5	13.2	9.1	8.5	6.5	2.9	1.3
2441,2	Wooden boxes, shooks, and crates	7.6	8.4	6.8	7.7	10.9	7.7	7.5	5.7	2.3	.9
249	Miscellaneous wood products	7.1	6.8	6.2	5.8	8.2	6.2	6.5	4.4	.3	.6
25	FURNITURE AND FIXTURES	7.9	7.4	7.2	6.4	8.3	7.2	6.5	4.8	.5	1.2
251	Household furniture	8.3	7.7	7.7	6.7	8.6	7.6	6.9	5.1	.4	1.1
2511	Wood household furniture	8.6	7.6	8.0	6.6	8.8	7.5	7.1	5.2	.3	1.1
2512	Upholstered household furniture	7.4	6.5	6.7	5.7	6.9	5.9	5.5	4.3	.5	.5
2515	Mattresses and bedsprings	8.9	9.6	8.5	8.5	10.5	8.7	8.7	6.1	.2	.9
252	Office furniture	6.0	6.5	4.6	5.4	5.3	6.5	4.3	3.8	.1	1.9
32	STONE, CLAY, AND GLASS PRODUCTS	4.8	5.3	4.1	4.4	6.3	4.9	4.3	3.1	.9	.8
321	Flat glass	3.1	4.1	.4	1.3	4.5	2.0	.7	.4	3.1	1.2
322	Glass and glassware, pressed or blown	4.5	4.9	3.6	3.7	5.7	4.6	3.6	2.4	1.0	.9
3221	Glass containers	4.8	4.6	4.0	4.2	5.9	4.2	4.1	2.8	.8	.5
3229	Pressed and blown glass, n e c	4.0	5.2	3.1	3.1	5.4	5.1	2.9	1.9	1.2	1.4
324	Cement, hydraulic	2.1	1.8	1.7	1.6	3.6	1.6	2.0	.9	1.0	.2
325	Structural clay products	5.9	6.2	5.5	5.5	8.1	6.5	6.4	4.7	.8	.7
3251	Brick and structural clay tile	6.9	7.7	6.5	6.9	9.1	8.1	7.6	6.0	.7	.8
326	Pottery and related products	6.0	5.7	5.0	5.1	6.8	5.8	4.9	3.8	.6	1.0
3291	Abrasive products	(1)	2.5	(1)	2.3	(1)	2.6	(1)	1.4	(1)	.2
33	PRIMARY METAL INDUSTRIES	3.7	3.6	3.0	2.8	4.8	3.8	3.0	1.8	.6	.8
331	Blast furnace and basic steel products	2.8	2.6	2.1	2.0	4.0	2.8	2.4	1.2	.6	.4
3312	Blast furnaces and steel mills	2.7	2.4	2.0	1.8	3.9	2.7	2.3	1.1	.5	.3
332	Iron and steel foundries	6.0	5.4	5.4	4.4	6.9	5.6	5.1	3.3	.4	.9
3321	Gray iron foundries	6.1	5.7	5.6	4.5	7.0	5.9	5.3	3.5	.3	.8
3322	Malleable iron foundries	6.3	4.3	5.5	4.0	6.6	6.0	4.6	3.1	.5	1.6
3323	Steel foundries	5.5	5.0	4.9	4.2	6.6	4.9	4.6	2.8	.4	.7
333,4	Nonferrous metals	3.0	3.6	2.8	3.2	4.4	3.0	3.2	1.6	.2	.2
335	Nonferrous rolling and drawing	3.3	4.2	2.4	2.5	4.2	4.4	2.0	1.5	1.2	2.0
3351	Copper rolling and drawing	3.2	2.5	2.9	2.1	3.9	3.4	2.3	1.4	.5	1.0
3352	Aluminum rolling and drawing	1.7	2.6	1.4	2.1	3.7	3.2	1.9	1.6	.7	.5
3357	Nonferrous wire drawing, and insulating	5.2	7.2	3.2	3.3	5.4	6.8	2.1	1.6	2.3	4.5
336	Nonferrous foundries	6.3	5.5	5.4	4.4	7.3	6.2	4.9	3.6	.6	1.6
3361	Aluminum castings	6.9	4.8	5.6	4.3	7.8	5.5	5.4	3.6	.6	.9
3362,9	Other nonferrous castings	5.6	6.3	5.2	4.5	6.7	6.8	4.4	3.0	.6	2.3
339	Miscellaneous primary metal products	3.5	3.6	2.7	3.1	4.3	3.5	2.8	2.0	.5	.5
3391	Iron and steel forgings	3.9	3.1	2.9	2.7	4.5	3.2	2.9	1.7	.6	.4

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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	
		Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	5.9	5.5	5.2	4.3	7.1	5.8	4.8	2.9	0.7	1.6
341	Metal cans	4.7	5.4	2.9	3.5	7.5	4.7	3.3	1.6	2.8	1.6
342	Cutlery, hand tools, and hardware	6.2	4.7	5.3	2.8	6.1	4.7	4.5	2.1	.4	1.6
3421,3,5	Cutlery and hand tools, incl. saws	4.7	4.0	3.8	3.0	4.9	4.4	3.6	2.2	.3	1.2
3429	Hardware, n e c	(1)	5.1	(1)	2.7	(1)	4.9	(1)	2.0	(1)	1.8
343	Plumbing and heating, except electric	5.2	5.1	4.9	4.6	6.6	5.5	5.2	3.5	.3	.5
3431,2	Sanitary ware & plumbers' brass goods	4.8	4.8	4.6	4.4	6.3	5.5	4.8	3.6	.4	.8
3433	Heating equipment, except electric	5.5	5.3	5.2	4.8	6.8	5.5	5.5	3.5	.2	.3
344	Fabricated structural metal products	6.2	5.5	5.5	5.1	7.0	5.5	4.5	3.1	.9	.9
3441	Fabricated structural steel	6.7	5.7	6.1	5.2	7.1	5.9	4.6	3.3	.8	1.1
3443	Fabricated plate work (boiler shops)	(1)	3.5	(1)	3.1	(1)	3.7	(1)	2.1	(1)	.4
3446,9	Architectural and misc. metal work	8.8	6.5	6.7	5.6	7.2	5.8	4.7	3.1	1.0	1.4
345	Screw machine products, bolts, etc.	5.1	4.8	4.7	4.2	5.6	4.5	3.9	2.9	.5	.5
3452	Bolts, nuts, rivets, and washers	3.8	3.9	3.3	3.1	4.9	3.8	3.5	2.1	.2	.6
346	Metal stampings	(1)	5.9	(1)	3.1	(1)	7.8	(1)	2.4	(1)	4.3
348	Misc. fabricated wire products	5.7	5.4	5.2	4.9	7.8	5.5	5.7	4.0	.6	.3
349	Misc. fabricated metal products	3.8	4.8	3.4	3.9	5.5	4.9	4.4	2.9	.2	1.1
3494,8	Valves, pipe, and pipe fittings	3.8	5.2	3.4	3.8	5.3	5.2	4.1	2.8	.2	1.3
35	MACHINERY, EXCEPT ELECTRICAL	3.8	3.6	3.1	2.7	4.2	3.8	2.6	1.9	.7	.9
351	Engines and turbines	4.1	3.4	2.1	1.6	2.8	3.7	1.4	1.1	.7	1.8
3511	Steam engines and turbines	1.1	1.6	.9	1.4	1.1	1.3	.7	.7	.2	.1
3519	Internal combustion engines, n e c	5.8	4.3	2.8	1.8	3.7	4.9	1.8	1.2	1.0	2.7
352	Farm machinery	4.4	3.2	3.5	1.9	4.7	4.8	2.3	1.7	1.3	2.0
353	Construction and related machinery	4.0	3.4	3.6	3.1	4.5	3.5	2.8	2.1	.7	.4
3531,2	Construction and mining machinery	3.2	3.0	2.9	2.6	3.9	3.1	2.3	1.8	.7	.4
3533	Oil field machinery	4.7	4.2	4.5	3.9	5.1	3.9	3.6	2.6	.1	.4
3535,6	Conveyors, hoists, cranes, monorails	4.1	3.5	3.1	3.3	4.6	3.7	3.3	2.1	.3	.6
354	Metal working machinery	3.4	3.3	2.7	2.4	3.9	3.5	2.4	1.6	.6	1.0
3541	Machine tools, metal cutting types	2.4	2.1	1.8	1.9	2.4	2.4	1.7	1.2	.1	.8
3545	Machine tool accessories	3.2	2.8	2.3	1.8	3.3	3.5	2.4	1.7	.2	1.1
3542,8	Misc. metal working machinery	3.0	2.8	2.4	2.3	2.8	2.5	1.5	1.5	.5	.3
355	Special industry machinery	3.6	3.0	2.8	2.5	3.7	3.1	2.6	1.7	.2	.7
3551	Food products machinery	3.3	2.7	3.2	2.4	3.4	2.6	2.1	1.6	.4	.3
3552	Textile machinery	5.1	4.1	2.9	2.4	4.3	4.4	2.9	2.1	.4	1.5
356	General industrial machinery	3.5	3.3	3.0	2.6	4.1	3.4	2.6	1.8	.6	.8
3561	Pumps and compressors	3.6	2.7	3.2	2.4	3.6	2.7	2.2	1.7	.2	.2
3562	Ball and roller bearings	3.4	3.9	1.8	2.0	3.9	4.8	1.9	1.6	1.7	2.4
3566	Power transmission equipment	2.9	3.0	2.6	2.4	3.7	3.2	2.6	1.8	.1	.4
357	Office and computing machines	3.2	3.5	2.4	2.8	3.0	2.6	1.6	1.3	.3	.2
3573	Electronic computing equipment	(1)	3.2	(1)	2.6	(1)	2.3	(1)	1.1	(1)	.3
358	Service industry machines	4.6	4.4	3.8	3.6	6.1	5.3	3.6	2.6	1.1	1.4
3585	Refrigeration machinery	4.5	4.8	3.4	3.8	6.0	5.9	3.1	2.6	1.4	1.9
36	ELECTRICAL EQUIPMENT AND SUPPLIES	4.3	3.8	3.2	2.9	4.7	3.8	3.1	2.0	.6	.9
361	Electric test & distributing equipment	3.8	3.4	2.9	2.8	3.6	3.0	2.4	1.9	.3	.3
3611	Electric measuring instruments	3.9	3.8	3.3	3.1	4.2	3.0	2.6	1.8	.5	.3
3612	Transformers	4.1	3.5	3.5	2.9	3.6	3.1	2.6	1.9	(2)	.2
3613	Switchgear and switchboard apparatus	3.5	2.9	2.2	2.5	2.9	3.1	2.1	1.9	.3	.4
362	Electrical industrial apparatus	3.1	3.4	2.5	2.8	4.0	3.3	2.8	2.0	.3	.6
3621	Motors and generators	3.0	3.5	2.4	2.7	3.9	3.7	2.6	2.1	.4	.8
3622	Industrial controls	3.6	3.3	2.9	3.0	4.4	2.8	2.9	1.8	.2	.3
363	Household appliances	4.0	4.3	3.2	3.2	5.2	4.3	3.5	2.3	.9	.9
3632	Household refrigerators and freezers	(1)	2.5	(1)	1.8	(1)	3.0	(1)	1.9	(1)	.1
3633	Household laundry equipment	2.4	4.3	2.1	3.7	4.5	2.2	3.7	1.4	.1	.1
3634	Electric housewares and fans	7.6	7.1	6.8	5.3	6.4	7.4	5.2	3.3	.4	2.9
364	Electric lighting and wiring equipment	5.9	4.6	5.0	4.0	6.3	4.8	4.5	3.0	.6	.7
3641	Electric lamps	3.7	1.7	3.2	1.3	3.4	2.5	2.5	1.3	.1	.6
3642	Lighting fixtures	5.9	5.0	4.7	4.3	6.9	5.1	5.0	2.8	.8	.9
3643,4	Wiring devices	6.9	5.5	6.0	4.9	6.9	5.5	5.0	3.8	.6	.5
365	Radio and TV receiving equipment	6.6	4.4	4.1	3.1	6.3	5.1	3.8	2.1	.4	1.9
366	Communication equipment	2.5	2.8	1.9	2.0	3.3	2.7	1.8	1.4	.8	.8
3661	Telephone and telegraph apparatus	(1)	2.5	(1)	1.8	(1)	2.5	(1)	.9	(1)	1.2
3662	Radio and TV communication equipment	1.9	2.9	1.2	2.1	3.5	2.8	1.6	1.5	1.1	.7
367	Electronic components and accessories	5.5	4.9	4.0	3.5	5.9	4.6	4.0	2.4	.6	1.2
3671-3	Electron tubes	5.0	2.0	2.7	1.3	4.1	3.6	2.6	1.5	.1	1.3
3674,9	Other electronic components	5.6	5.6	4.2	3.9	6.4	4.8	4.4	2.6	.7	1.2
369	Misc. electrical equipment & supplies	5.0	3.3	4.3	2.6	4.8	3.2	3.1	1.8	.4	.5
3694	Engine electrical equipment	4.9	2.6	4.0	1.8	4.5	2.5	2.7	1.4	.4	.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	6.6	4.1	2.7	2.4	6.2	7.2	2.4	1.8	2.8	4.4
371	Motor vehicles and equipment	(1)	4.8	(1)	2.1	(1)	11.1	(1)	1.5	(1)	8.5
3711	Motor vehicles	(1)	5.7	(1)	1.4	(1)	13.2	(1)	1.2	(1)	10.8
3712	Passenger car bodies	(1)	5.0	(1)	1.0	(1)	19.8	(1)	.6	(1)	18.3
3713	Truck and bus bodies	(1)	4.5	(1)	4.1	(1)	4.9	(1)	2.8	(1)	.4
3714	Motor vehicle parts and accessories	(1)	3.9	(1)	2.5	(1)	8.8	(1)	1.4	(1)	6.3
372	Aircraft and parts	2.5	2.1	2.0	1.5	3.4	2.8	1.6	1.4	1.2	.8
3721	Aircraft	2.7	1.9	2.2	1.5	3.4	2.6	1.5	1.5	1.4	.7
3722	Aircraft engines and engine parts	2.0	2.0	1.4	1.1	3.0	2.7	1.6	1.0	.7	.7
3723,9	Other aircraft parts and equipment	2.7	2.6	2.1	1.9	4.0	3.5	2.0	1.7	1.3	1.0
373	Ship and boat building and repairing	6.8	7.6	4.7	5.0	8.5	8.4	4.1	3.4	3.2	3.7
3731	Ship building and repairing	7.3	7.9	4.7	5.0	8.5	8.0	3.6	2.9	3.8	3.7
374	Railroad equipment	4.3	5.2	2.4	3.7	6.7	4.4	1.8	1.8	4.0	.9
375,9	Other transportation equipment	(1)	8.0	(1)	7.4	(1)	10.4	(1)	5.7	(1)	2.5
38	INSTRUMENTS AND RELATED PRODUCTS	3.7	3.1	3.0	2.6	4.8	3.2	3.2	1.8	.6	.5
381	Engineering & scientific instruments	2.9	1.8	2.3	1.4	3.6	3.2	2.8	1.5	.2	.6
382	Mechanical measuring & control devices	2.9	2.7	2.4	2.3	4.7	3.1	3.1	1.8	.8	.7
3821	Mechanical measuring devices	2.8	3.0	2.6	2.6	4.2	3.2	3.0	1.9	.4	.6
3822	Automatic temperature controls	2.9	2.3	2.1	1.9	5.6	3.0	3.1	1.5	1.4	.9
383,5	Optical and ophthalmic goods	4.8	3.7	3.8	2.9	5.3	3.4	3.4	2.0	.9	.7
384	Medical instruments and supplies	5.8	3.5	5.1	3.2	6.6	3.9	5.1	2.2	.5	.4
386	Photographic equipment and supplies	(1)	3.4	(1)	3.1	(1)	2.0	(1)	1.3	(1)	.1
387	Watches, clocks, and watchcases	6.8	4.4	4.2	2.8	6.6	4.9	4.1	2.6	1.0	1.3
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	7.5	8.0	6.1	6.0	7.2	6.9	5.0	3.6	1.1	2.3
391	Jewelry, silverware, and plated ware	5.0	7.2	4.2	3.4	6.0	7.7	4.4	2.6	.6	4.3
394	Toys and sporting goods	11.5	13.2	9.2	10.3	10.3	10.1	7.3	5.5	1.6	3.2
3941-3	Games, toys, dolls, & play vehicles	14.5	17.6	11.7	13.6	10.9	11.2	7.8	6.6	1.8	3.3
3949	Sporting and athletic goods, n e c	7.0	6.5	5.4	5.5	9.5	8.6	6.5	3.9	1.4	3.1
395	Pens, pencils, office and art supplies	4.3	4.1	4.0	3.5	4.6	4.6	3.0	2.1	.4	1.6
396	Costume jewelry and notions	8.3	6.6	7.2	5.4	6.3	5.4	4.6	3.4	1.0	1.1
393,8,9	Other manufacturing industries	5.5	5.5	4.2	4.2	6.0	5.2	3.9	2.8	1.0	1.5
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	10.7	9.0	8.3	7.0	9.3	6.6	5.8	3.6	2.5	2.2
201	Meat products	8.3	7.1	5.7	5.1	9.4	6.3	6.0	3.9	2.4	1.6
2011	Meat packing plants	7.1	5.4	3.1	2.6	8.2	4.9	3.4	1.7	3.9	2.6
2015	Poultry dressing plants	12.8	11.9	11.5	10.4	14.3	10.7	12.3	9.2	.9	.4
204	Grain mill products	5.6	5.1	4.1	4.1	6.2	4.2	3.4	2.2	1.5	1.1
2041	Flour and other grain mill products	5.1	5.1	3.6	3.6	5.9	4.2	3.6	1.8	1.3	1.5
2042	Prepared feeds for animals and fowls	5.0	4.7	4.2	4.3	5.7	4.5	3.7	2.6	.4	1.1
205	Bakery products	4.9	5.2	4.6	4.7	5.2	4.5	4.2	3.3	.2	.5
2051	Bread, cake, and related products	4.4	4.9	4.3	4.6	4.9	4.3	4.1	3.3	.2	.3
2052	Cookies and crackers	7.5	7.0	6.3	5.2	6.4	5.4	4.6	2.9	.4	1.2
207	Confectionery and related products	13.2	9.4	7.9	6.6	8.5	8.0	6.1	4.0	1.3	3.1
2071	Confectionery products	(1)	11.0	(1)	7.8	(1)	9.6	(1)	4.7	(1)	3.8
208	Beverages	6.2	6.4	5.3	5.6	8.2	5.7	5.5	3.5	1.9	1.3
2082	Malt liquors	3.9	4.5	2.3	2.8	4.7	3.9	1.9	.9	2.4	2.5
21	TOBACCO MANUFACTURES	13.2	12.2	9.7	6.6	8.9	5.1	3.9	2.1	3.8	2.1
211	Cigarettes	2.5	2.9	1.6	2.1	2.2	1.5	1.6	.8	(2)	.1
212	Cigars	8.5	7.1	5.0	4.7	6.4	13.3	4.8	4.9	.4	6.9

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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	
		Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS	6.0	6.1	4.9	4.7	7.0	6.1	5.2	4.1	0.6	1.0
221	Weaving mills, cotton.....	5.7	5.4	4.6	4.3	6.5	5.3	4.9	4.1	.1	.2
222	Weaving mills, synthetics.....	5.0	5.3	4.4	4.2	6.0	5.3	4.8	3.6	.3	.6
223	Weaving and finishing mills, wool.....	4.6	5.3	3.4	4.1	6.9	5.9	4.1	3.3	1.5	1.3
224	Narrow fabric mills.....	5.7	7.3	4.8	4.8	6.4	7.3	4.7	3.7	.8	2.5
225	Knitting mills.....	5.6	6.0	4.6	4.4	6.9	6.7	5.2	4.1	.9	1.8
2251	Women's hosiery, except socks.....	5.2	5.2	4.5	4.6	5.6	5.1	4.9	4.5	.3	.2
2252	Hosiery, n e c.....	5.5	5.6	4.9	4.9	7.0	5.1	5.8	4.0	.5	.4
2254	Knit underwear mills.....	4.7	4.6	3.3	3.6	5.5	4.9	4.8	3.7	.1	.6
226	Textile finishing, except wool.....	5.5	5.0	4.2	3.9	6.0	4.9	4.2	3.1	.2	.9
227	Floor covering mills.....	7.5	7.5	6.7	6.7	7.6	5.4	5.6	4.0	.4	(2)
228	Yarn and thread mills.....	8.0	8.0	6.5	6.4	9.0	7.5	7.1	5.8	.5	.7
229	Miscellaneous textile goods.....	7.4	6.0	5.6	5.0	7.9	7.0	5.3	3.9	1.2	1.7
23	APPAREL AND OTHER TEXTILE PRODUCTS	6.7	7.2	4.4	4.4	6.7	7.8	4.5	3.5	1.3	3.3
231	Men's and boys' suits and coats.....	4.1	4.5	2.6	2.6	3.8	5.0	2.4	2.2	.8	2.3
232	Men's and boys' furnishings.....	7.2	6.7	5.7	5.2	7.7	6.8	5.8	4.7	.8	1.3
2321	Men's and boys' shirts and nightwear.....	7.7	6.4	6.2	4.9	7.9	6.1	6.0	4.1	.8	1.2
2327	Men's and boys' separate trousers.....	5.7	6.3	4.9	5.2	6.5	6.8	5.5	5.3	.2	.6
2328	Men's and boys' work clothing.....	6.3	7.3	5.2	5.4	7.1	7.2	5.7	5.4	.4	1.1
234	Women's and children's undergarments.....	6.3	6.8	5.0	5.0	7.1	6.9	5.8	4.0	.5	2.0
2341	Women's and children's underwear.....	6.6	7.6	5.3	5.6	7.1	7.0	5.8	4.2	.4	1.8
2342	Corsets and allied garments.....	5.5	5.0	4.4	3.6	7.1	6.8	5.6	3.5	.7	2.4
26	PAPER AND ALLIED PRODUCTS	4.3	4.5	3.8	3.8	5.6	4.1	3.9	2.4	.7	.7
261,2,6	Paper and pulp mills.....	2.3	2.5	2.0	2.1	3.6	2.0	2.6	1.1	.2	.3
263	Paperboard mills.....	3.3	3.2	2.6	2.7	4.1	2.8	2.8	1.6	.5	.4
264	Misc. converted paper products.....	5.3	5.6	4.8	4.8	6.9	4.8	4.3	3.0	1.5	.7
2643	Bags, except textile bags.....	5.6	6.0	5.0	5.2	6.8	5.8	4.5	3.5	.8	.8
265	Paperboard containers and boxes.....	5.7	5.9	5.3	4.9	7.0	5.9	5.3	3.5	.5	1.1
2651,2	Folding and setup paperboard boxes.....	6.7	6.7	6.5	5.7	6.7	6.3	5.5	3.7	.2	1.2
2653	Corrugated and solid fiber boxes.....	5.5	5.2	5.2	4.9	6.8	5.2	5.3	3.7	.3	.2
	PRINTING AND PUBLISHING	3.8	3.8	3.3	3.2	4.9	3.3	3.6	2.3	.5	.
28	CHEMICALS AND ALLIED PRODUCTS	2.6	2.7	2.2	2.3	3.8	2.5	2.4	1.4	.5	.4
281	Industrial chemicals.....	1.6	1.9	1.4	1.6	2.6	1.6	1.7	.9	.3	.1
282	Plastics materials and synthetics.....	2.2	2.2	1.9	1.9	2.9	1.8	2.1	1.0	.3	.2
2821	Plastics materials and resins.....	1.7	2.2	1.6	1.9	3.3	1.8	2.6	1.1	.2	.1
2823,4	Synthetic fibers.....	2.7	2.2	2.0	1.9	2.7	1.8	1.7	1.0	.4	.3
283	Drugs.....	2.4	2.7	2.3	2.4	3.6	1.9	2.4	1.3	.5	.1
2834	Pharmaceutical preparations.....	2.6	3.0	2.4	2.6	3.9	2.0	2.6	1.4	.6	.2
284	Soap, cleaners, and toilet goods.....	5.5	4.5	4.5	3.7	6.0	3.5	3.7	2.0	.9	.6
2841	Soap and other detergents.....	3.0	2.3	2.0	1.8	2.9	2.0	1.6	.9	.6	.3
2844	Toilet preparations.....	8.2	6.5	7.7	5.8	8.3	4.6	5.2	2.8	.8	.3
285	Paints and allied products.....	2.7	2.9	2.6	2.7	3.7	2.6	2.8	1.6	.3	.2
286,9	Other chemical products.....	2.6	3.5	2.2	2.8	5.8	4.1	3.1	2.0	1.4	.9
29	PETROLEUM AND COAL PRODUCTS	2.4	2.7	2.1	2.4	2.9	2.2	1.8	1.2	.3	.2
291	Petroleum refining.....	1.4	1.7	1.2	1.5	1.9	1.3	1.0	.6	.2	.2
295,9	Other petroleum and coal products.....	6.3	6.4	5.7	6.2	7.1	5.5	4.8	3.7	.8	.4
30	RUBBER AND PLASTICS PRODUCTS, N E C	5.9	6.3	5.2	5.1	7.1	7.0	4.7	3.4	1.0	2.2
301	Tires and inner tubes.....	2.3	2.7	1.8	2.2	2.6	2.2	1.6	1.1	.4	.2
302,3,6	Other rubber products.....	5.4	5.2	4.7	3.7	6.4	8.3	4.1	2.8	.9	4.3
307	Miscellaneous plastics products.....	7.9	8.6	6.9	7.2	9.4	8.2	6.4	4.8	1.4	1.7

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969	Aug. 1969	July 1969
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	6.4	8.1	4.8	5.3	8.8	9.2	6.1	4.2	1.6	3.8
311	Leather tanning and finishing	5.9	5.3	4.2	4.0	8.7	5.6	5.5	3.4	2.0	1.3
314	Footwear, except rubber	5.7	8.1	4.3	4.9	9.1	8.5	6.1	4.1	2.0	3.2
	NONMANUFACTURING										
10	METAL MINING	3.3	3.5	3.0	3.2	4.4	3.1	3.4	2.0	.3	.3
101	Iron ores	1.4	1.9	1.0	1.5	2.0	2.5	1.0	.8	.5	.7
102	Copper ores	3.2	2.8	2.9	2.2	4.5	2.1	3.6	1.4	.1	(2)
11,12	COAL MINING	2.3	2.2	1.8	1.3	2.5	1.9	1.5	1.0	.6	.3
12	Bituminous coal and lignite mining	2.4	2.1	1.8	1.4	2.6	1.9	1.5	1.1	.6	.2
	COMMUNICATION:										
481	Telephone communication	(1)	4.1	-	-	(1)	2.3	(1)	1.7	(1)	.1
482	Telegraph communication ³	(1)	3.4	-	-	(1)	2.4	(1)	1.4	(1)	.4

¹ Not available.

² Less than 0.05.

³ Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

**D-3: Labor turnover rates in manufacturing, 1958 to date
seasonally adjusted**

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 ¹	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
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	3.9	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.3	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966.....	4.9	5.0	5.2	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.1	4.2	4.6	4.5	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.5	4.1	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.6	4.7
1969.....	4.9	4.6	4.6	4.9	4.8	5.0	4.8	4.5				
New hires												
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	2.4	2.4	2.7
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	2.6	2.4	2.3	2.3	2.1
1963.....	2.3	2.2	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	3.8	4.3	3.9	4.0	4.0	3.7	3.8	3.7	3.8	3.7	3.5
1967.....	3.5	3.3	3.3	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.3
1968.....	3.5	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	4.0	3.9	3.7	3.8	3.7	3.4				
Total separations												
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.6	3.8	3.6	3.7
1959 ¹	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.1	4.2	5.0	4.6	4.1
1960.....	3.6	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.4	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	4.1	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	4.7	4.9	4.9	4.7	4.9	4.5	4.7	4.5
1967.....	4.6	4.8	5.2	4.7	4.6	4.7	4.4	4.3	4.5	4.4	4.4	4.3
1968.....	4.5	4.7	4.6	4.5	4.7	4.5	4.6	4.9	4.6	4.6	4.5	4.2
1969.....	4.6	4.8	4.9	4.9	5.0	4.9	4.9	5.0				
Quits												
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
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	1.4	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	1.9	2.0	2.0	2.1	2.2
1966.....	2.3	2.3	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7
1967.....	2.5	2.4	2.4	2.3	2.3	2.4	2.2	2.3	2.3	2.3	2.3	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.3	2.4	2.6	2.4	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.8				
Layoffs												
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.5	2.3	2.1	2.1	1.9	1.9
1959.....	1.8	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.4	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	1.7	1.8	2.0	2.0	2.0	2.4	2.0	2.0	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	1.1	1.1	1.1	1.2	1.3
1967.....	1.3	1.5	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968.....	1.3	1.3	1.3	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.2	1.0	1.1	1.1	1.2	1.1				

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.

Data for the current month are 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		
	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	
ALABAMA:											
Birmingham	3.2	4.7	2.6	3.7	2.8	3.2	1.6	1.6	0.3	0.7	
Mobile ¹	6.3	10.7	4.2	7.5	5.9	5.3	2.2	2.6	2.6	1.9	
ALASKA	30.8	43.0	27.5	33.8	18.9	14.2	5.8	5.9	12.3	6.8	
ARIZONA	5.6	8.4	4.7	7.0	6.0	5.4	3.4	3.1	1.3	1.0	
Phoenix	5.6	8.2	4.7	6.9	6.3	5.2	3.4	3.0	1.4	1.0	
ARKANSAS	7.9	8.6	6.8	7.8	7.7	6.8	5.6	5.1	1.1	.7	
Fort Smith	8.9	7.9	8.5	7.5	10.0	8.9	7.9	5.8	1.2	2.1	
Little Rock-North Little Rock	5.9	10.1	5.7	9.2	6.2	6.6	4.6	4.9	.7	.3	
Pine Bluff	7.1	7.0	6.5	6.5	4.9	4.0	3.8	3.0	.4	.1	
CALIFORNIA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
COLORADO	4.9	8.0	3.9	6.7	4.2	4.7	2.7	2.9	.6	.9	
Denver	4.6	7.2	4.3	6.5	4.1	4.6	2.7	2.8	.3	1.0	
CONNECTICUT	3.5	5.0	2.8	4.2	3.5	3.7	2.1	2.2	.4	.5	
Hartford	2.3	3.6	1.9	2.9	3.3	3.2	1.6	1.8	.4	.5	
DELAWARE ¹	8.4	5.8	2.6	4.7	13.0	2.9	1.8	1.7	10.4	.2	
Wilmington ¹	8.4	5.6	2.3	4.4	12.5	2.5	1.3	1.4	10.6	.4	
DISTRICT OF COLUMBIA:											
Washington SMSA	(*)	4.2	(*)	4.0	(*)	2.7	(*)	2.0	(*)	.1	
FLORIDA	6.0	7.7	5.1	6.7	7.7	8.3	4.3	4.6	2.5	2.8	
Fort Lauderdale-Hollywood	7.4	11.4	7.0	10.8	9.8	10.6	5.4	8.1	2.8	.4	
Jacksonville	6.2	9.4	5.1	8.7	8.3	7.4	5.7	5.7	1.6	.4	
Miami	5.5	7.3	5.0	6.7	6.7	7.2	4.2	3.7	1.6	2.7	
Orlando	3.4	9.3	3.0	8.0	8.7	8.3	3.0	5.7	5.2	1.7	
Pensacola	1.2	1.3	1.1	1.2	1.0	1.4	.8	1.2	(2)	.1	
Tampa-St. Petersburg	7.2	8.2	6.0	7.1	8.0	8.5	5.1	5.0	1.8	2.5	
West Palm Beach	2.7	5.7	2.4	4.5	4.2	3.7	2.1	2.9	1.6	.2	
GEORGIA	6.7	7.5	6.3	6.3	5.4	5.4	4.0	4.0	.3	.3	
Atlanta ³	6.1	8.3	5.3	7.4	6.0	5.7	4.2	4.1	.6	.4	
HAWAII ⁴	2.8	5.5	2.4	4.7	2.6	2.5	1.7	1.5	.2	.2	
IDAHO ⁵	5.5	10.8	4.9	8.1	5.8	6.0	3.6	4.2	.9	.9	
ILLINOIS:											
Chicago	4.6	6.8	4.1	6.0	4.6	4.5	2.9	2.9	.6	.4	
INDIANA ¹	3.5	5.9	2.8	4.9	3.8	3.7	2.1	2.0	.7	.6	
Indianapolis ⁶	3.1	5.6	2.6	4.1	3.5	3.7	2.1	2.0	.3	.2	
IOWA	3.7	6.4	2.9	5.1	3.7	4.1	2.3	2.5	.8	1.0	
Cedar Rapids	3.9	5.8	3.4	4.4	3.2	3.9	2.2	2.0	.3	1.3	
Des Moines	3.5	6.2	2.6	4.9	4.7	4.4	2.4	2.6	1.5	1.0	
KANSAS	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Topeka	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Wichita	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
KENTUCKY	4.4	5.8	3.4	4.9	4.1	3.5	2.8	2.4	.4	.5	
Louisville	4.0	6.0	3.2	4.4	3.8	4.3	2.5	2.2	.2	.3	
LOUISIANA:											
New Orleans ⁷	4.8	6.2	3.7	4.3	4.9	5.2	2.6	2.2	.6	1.6	
MAINE	6.1	8.9	5.0	7.1	6.1	6.1	3.8	3.9	1.4	1.1	
Portland	5.5	7.1	4.9	6.2	6.3	4.7	4.6	3.6	.8	.3	
MARYLAND	4.6	5.4	3.6	4.3	4.2	3.4	2.1	1.9	1.1	.6	
Baltimore	4.3	5.4	3.4	4.4	4.1	3.4	1.9	2.0	1.1	.6	

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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	
	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969
MASSACHUSETTS.....	6.5	6.5	3.1	5.5	7.1	4.0	2.5	2.7	3.7	0.4
Boston.....	4.6	6.0	2.9	5.1	5.4	4.0	2.5	2.7	2.0	.4
MICHIGAN.....	(*)	5.8	(*)	4.0	(*)	5.6	(*)	1.8	(*)	2.6
Detroit.....	(*)	6.0	(*)	4.3	(*)	5.3	(*)	2.0	(*)	1.8
MINNESOTA.....	4.6	8.1	3.8	6.7	4.4	4.2	2.4	2.9	1.2	.5
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	4.2	7.7	3.5	6.7	4.0	4.4	2.4	3.1	.7	.5
MISSISSIPPI:										
Jackson.....	5.8	5.5	5.3	5.0	5.2	5.1	3.8	3.8	.2	.3
MISSOURI.....	4.4	6.4	3.7	5.2	4.6	4.4	2.6	2.5	.9	.9
Kansas City.....	5.0	7.1	4.1	5.4	4.6	4.8	2.9	2.5	.7	1.4
St. Louis.....	3.6	5.7	3.0	4.7	3.8	4.0	2.0	2.0	.8	1.0
MONTANA ⁵	4.8	8.0	4.3	7.1	4.1	4.4	2.5	2.9	.9	.7
NEBRASKA.....	4.7	8.7	4.0	7.6	5.9	4.8	3.1	3.4	1.8	.5
NEVADA.....	7.8	8.9	7.4	8.5	7.5	7.9	4.4	3.7	1.2	2.9
NEW HAMPSHIRE.....	5.4	6.6	4.8	5.7	5.0	4.9	4.0	3.7	.2	.5
NEW JERSEY:										
Jersey City.....	3.3	4.5	2.5	3.4	4.2	3.7	1.7	1.6	1.7	1.2
Newark.....	4.4	5.8	3.3	5.0	5.9	3.9	2.2	2.0	2.9	.9
Paterson-Clifton-Passaic.....	4.8	6.3	3.8	4.8	5.8	4.2	2.5	2.6	2.2	.7
Perth Amboy.....	6.5	5.5	3.4	4.8	6.0	2.9	1.9	1.8	3.3	.4
Trenton.....	3.9	5.6	2.5	4.8	4.3	3.4	1.8	1.8	1.6	.6
NEW YORK.....	5.2	6.0	3.8	4.6	5.7	4.5	2.2	2.1	2.6	1.4
Albany-Schenectady-Troy.....	3.3	5.3	2.7	4.3	2.9	3.3	1.9	1.7	.4	.6
Binghamton.....	3.1	4.4	2.2	3.4	3.4	2.9	1.3	1.6	1.3	.5
Buffalo.....	3.9	5.4	2.8	4.2	4.6	3.2	1.4	1.5	2.3	1.0
Elmira.....	2.9	4.5	2.5	4.1	2.4	3.5	1.4	1.8	.1	.7
Monroe County ⁸	3.7	4.7	3.2	4.1	2.6	2.6	1.7	1.5	.3	.4
Nassau and Suffolk Counties ⁹	4.8	6.2	4.3	5.0	6.4	4.5	2.6	2.7	3.0	.7
New York SMSA.....	6.6	6.2	4.4	4.5	7.8	5.6	2.6	2.4	4.2	2.1
New York City ⁹	7.1	6.2	4.5	4.4	8.5	6.0	2.7	2.4	4.7	2.5
Rochester.....	4.6	5.2	3.8	4.4	2.8	2.8	1.8	1.6	.4	.5
Syracuse.....	4.3	6.0	2.8	4.7	3.3	3.5	1.9	1.7	.5	.9
Utica-Rome.....	3.2	4.8	2.4	3.8	3.6	3.4	1.6	1.9	1.4	.9
Westchester County ⁹	4.8	5.7	3.8	4.4	4.8	4.4	1.9	1.9	2.0	1.4
NORTH CAROLINA.....	5.7	6.3	4.7	5.5	5.1	4.6	4.0	3.4	.2	.3
Charlotte.....	7.0	6.5	6.7	6.1	6.2	5.3	5.2	4.0	.2	.5
Greensboro-Winston-Salem-High Point.....	5.6	6.4	4.4	5.6	4.7	4.2	3.9	3.2	(2)	.2
NORTH DAKOTA.....	4.9	7.6	4.3	5.8	3.6	5.0	2.2	3.0	.7	.8
Fargo-Moorhead.....	5.2	8.7	4.5	7.4	3.1	5.1	2.4	4.0	.1	.1
OHIO.....	3.9	5.9	2.8	4.7	4.1	4.0	1.8	2.0	1.3	1.1
Akron.....	3.2	4.5	2.7	3.7	2.9	2.6	1.8	1.5	.4	.4
Canton.....	3.7	6.1	2.8	5.1	3.5	3.4	1.9	1.9	.3	.4
Cincinnati.....	3.9	6.3	3.1	5.1	6.3	3.9	2.0	2.3	3.2	.5
Cleveland.....	3.8	5.7	2.9	4.8	3.5	3.8	1.9	2.1	.6	.8
Columbus.....	3.9	5.7	3.1	4.7	3.8	4.6	2.1	2.7	.9	.9
Dayton.....	3.3	4.8	2.6	3.7	3.3	3.3	1.7	1.7	.7	.8
Toledo.....	5.3	6.0	4.1	4.9	4.6	4.7	1.9	2.1	1.3	1.0
Youngstown-Warren.....	4.5	7.5	2.2	5.3	4.6	6.3	1.2	1.7	2.3	3.7
OKLAHOMA:										
Oklahoma City.....	7.8	10.0	6.7	8.7	6.9	6.3	5.1	5.0	.7	.6
Tulsa.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
OREGON ¹	5.1	8.7	4.3	7.6	5.8	6.0	3.1	3.7	1.8	1.4
Portland ¹	5.4	9.1	4.8	8.0	5.4	5.5	2.9	3.1	1.6	1.4

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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	
	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969	July 1969	June 1969
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.7	5.4	2.2	4.5	4.2	3.4	1.8	1.8	1.6	0.7
Altoona	6.9	7.1	3.8	6.4	7.6	5.2	2.9	2.9	3.9	1.7
Erie	4.4	6.2	2.7	4.6	3.8	3.4	1.8	2.3	1.1	.2
Harrisburg	3.5	4.7	2.4	3.8	3.9	2.6	2.1	2.0	1.1	.2
Johnstown	3.7	3.7	2.0	2.9	3.1	3.0	1.3	1.4	1.1	1.1
Lancaster	4.1	6.5	2.9	5.7	4.2	3.6	2.4	2.6	1.2	.3
Philadelphia	3.9	5.6	2.9	4.4	4.3	3.8	1.9	1.9	1.5	1.0
Pittsburgh	2.4	3.8	1.4	2.9	2.4	2.3	.9	.9	.5	.7
Reading	4.0	6.1	3.2	5.2	3.8	3.3	2.4	2.4	.7	.3
Scranton	5.1	6.9	3.4	5.2	5.4	3.7	1.9	2.1	2.9	.9
Wilkes-Barre-Hazleton	4.2	5.6	2.4	4.6	5.6	3.8	1.9	2.1	3.1	1.0
York	6.2	6.7	4.3	6.1	5.3	3.8	3.2	3.0	1.6	.3
RHODE ISLAND:										
Providence-Pawtucket-Warwick	7.6	7.5	4.2	6.3	8.6	5.2	3.6	3.6	4.1	.8
	7.7	7.5	4.1	6.1	8.5	5.2	3.5	3.6	4.1	.7
SOUTH CAROLINA:										
Greenville	6.0	6.2	5.5	5.6	5.8	5.1	4.4	4.0	.1	.1
SOUTH DAKOTA:										
Sioux Falls	4.9	8.4	3.2	6.2	5.0	4.3	2.8	2.6	1.8	1.2
	6.2	8.3	3.0	4.8	4.5	4.6	2.3	2.2	1.8	2.2
TENNESSEE:										
Memphis	6.1	6.8	5.6	6.0	5.1	5.8	3.1	3.6	.6	.7
TEXAS:										
Dallas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH⁵:										
Salt Lake City ⁵	4.4	7.6	3.7	6.2	4.3	4.3	2.6	2.5	.9	1.2
	4.2	7.1	3.6	5.9	4.1	4.9	2.5	2.7	.7	1.4
VERMONT:										
Burlington	3.5	5.4	2.7	4.6	3.0	3.2	2.3	2.4	.1	.3
Springfield	3.1	5.2	2.2	4.6	2.3	2.3	1.6	1.8	.1	.1
	2.1	3.2	1.8	2.7	1.9	2.1	1.5	1.5	(2)	(2)
VIRGINIA:										
Richmond	5.1	5.8	4.1	4.9	4.7	4.4	3.1	3.0	.8	.5
	4.8	4.7	4.0	4.3	4.0	3.4	2.4	1.9	.8	.6
WASHINGTON:										
Seattle-Everett ¹⁰	3.2	4.7	2.6	3.8	4.4	4.3	2.4	2.7	1.3	.8
WEST VIRGINIA:										
Charleston	1.5	2.5	1.1	2.0	1.7	1.5	1.0	.6	.3	.6
WISCONSIN:										
Milwaukee	5.8	7.6	4.4	6.5	4.8	3.9	2.3	2.3	1.5	.7
	4.8	6.8	3.3	5.8	5.4	4.2	2.2	2.3	2.0	.9
WYOMING⁵:										
	4.6	7.8	4.0	7.0	3.3	3.9	2.2	2.5	(2)	.1

- 1 Excludes canning and preserving.
- 2 Less than 0.05.
- 3 Excludes agricultural chemicals and miscellaneous manufacturing.
- 4 Excludes canned fruits, vegetables, preserves, jams and jellies.
- 5 Excludes canning and preserving, and sugar.
- 6 Excludes canning and preserving, and newspapers.
- 7 Excludes printing and publishing.
- 8 Subarea of Rochester Standard Metropolitan Statistical Area.
- 9 Subarea of New York Standard Metropolitan Statistical Area.
- 10 Excludes canning and preserving, printing and publishing.

* Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Sept. 1969	Aug. 1969	Sept. 1968	change to Sept., 1969		Sept. 1969	Aug. 1969	Sept. 1968
				Aug. 1969	Sept. 1968			
TOTAL¹	8 47.9	9 61.7	8 05.2	-1 3.9	4 2.7	1.6	1.9	1.6
SEASONALLY ADJUSTED	1 148.2	1 074.4	1 088.0	73.8	60.2	2.2	2.1	2.2
Alabama.....	11.5	12.1	14.9	-.6	-3.4	1.7	1.8	2.2
Alaska.....	1.4	1.7	1.3	-.3	.1	3.0	3.7	2.9
Arizona.....	4.2	4.7	5.0	-.5	-.8	1.3	1.4	1.6
Arkansas.....	6.4	7.3	5.6	-.9	.9	1.7	1.9	1.5
California.....	1 45.9	1 61.8	1 31.5	-1 5.9	1 4.4	2.9	3.2	2.7
Colorado.....	2.3	2.9	2.6	-.6	-.4	.5	.6	.6
Connecticut.....	19.7	32.3	18.3	-1 2.6	1.5	2.0	3.4	2.0
Delaware.....	1.8	2.2	1.6	-.5	.2	1.1	1.4	1.0
District of Columbia.....	3.3	3.8	3.4	-.5	-.1	1.0	1.1	1.0
Florida.....	2 4.5	2 4.4	2 4.7	-.1	-.2	1.8	1.8	2.0
Georgia.....	8.9	11.0	9.0	-2.1	-.1	.8	1.1	.9
Hawaii.....	3.2	3.4	3.6	-.2	-.5	1.4	1.5	1.8
Idaho.....	2.1	3.0	2.2	-.9	-.1	1.5	2.1	1.6
Illinois.....	31.3	37.4	31.4	-6.1	-1.1	1.0	1.2	1.0
Indiana.....	10.3	12.8	12.4	-2.5	-2.1	.8	.9	.9
Iowa.....	4.9	6.8	4.2	-1.9	.7	.9	1.2	.8
Kansas.....	5.9	6.2	4.4	-.3	1.5	1.4	1.4	1.1
Kentucky.....	9.2	9.8	8.8	-.6	.4	1.6	1.6	1.5
Louisiana.....	15.6	17.5	13.5	-1.9	2.1	2.2	2.4	1.9
Maine.....	7.3	6.6	4.3	.7	3.0	3.3	3.0	2.0
Maryland.....	10.5	10.6	12.0	-.1	-1.5	1.2	1.2	1.4
Massachusetts.....	38.4	40.3	35.8	-1.9	-2.6	2.2	2.4	2.1
Michigan.....	34.1	59.7	37.6	-25.7	-3.5	1.4	2.5	1.6
Minnesota.....	5.2	8.2	5.6	-3.0	-.4	.6	.9	.6
Mississippi.....	5.5	4.9	5.1	.7	.4	1.5	1.3	1.4
Missouri.....	18.2	27.4	14.7	-9.2	3.5	1.6	2.4	1.3
Montana.....	1.5	1.7	1.4	-.2	.1	1.2	1.4	1.2
Nebraska.....	1.9	2.1	2.0	-.2	-.1	.7	.7	.7
Nevada.....	2.7	2.8	3.2	-.1	-.5	2.0	2.1	2.5
New Hampshire.....	1.9	1.5	1.3	.3	.5	1.0	.8	.7
New Jersey.....	44.9	53.0	44.7	-8.1	2.2	2.4	2.8	2.4
New Mexico.....	2.8	3.5	2.9	-.6	-.1	1.6	2.0	1.7
New York.....	10 8.5	11 1.5	9 4.4	-2.9	1 4.1	1.9	2.0	1.7
North Carolina.....	12.2	13.5	10.5	-1.3	1.7	1.0	1.1	.9
North Dakota.....	.5	.7	.5	-.2	-.1	.6	.9	.6
Ohio.....	18.7	23.4	24.6	-4.7	-5.9	.7	.8	.9
Oklahoma.....	8.0	8.1	7.8	-.1	.2	1.7	1.7	1.8
Oregon.....	11.3	12.3	8.4	-1.0	2.8	2.2	2.4	1.7
Pennsylvania.....	49.5	53.2	53.3	-3.7	-3.9	1.5	1.6	1.6
Puerto Rico ²	45.9	39.6	44.9	6.4	1.0	6.4	6.7	6.4
Rhode Island.....	7.2	9.4	6.4	-2.2	.7	2.6	3.4	2.3
South Carolina.....	8.7	9.0	7.6	-.3	1.1	1.5	1.5	1.3
South Dakota.....	.7	.8	.6	-.1	.1	.8	.9	.7
Tennessee.....	17.1	17.1	15.6	-.1	1.5	1.9	1.9	1.8
Texas.....	16.3	16.5	14.0	-.2	2.3	.7	.7	.6
Utah.....	4.5	5.0	4.0	-.5	.6	2.1	2.3	1.9
Vermont.....	1.1	1.4	1.1	-.2	-.1	1.2	1.4	1.2
Virginia.....	5.0	6.4	3.9	-1.4	1.1	.5	.7	.4
Washington.....	28.7	28.2	19.7	.5	9.0	3.5	3.5	2.5
West Virginia.....	6.0	6.7	6.7	.7	-.7	1.7	1.9	1.9
Wisconsin.....	10.0	14.9	11.5	-5.0	-1.6	.9	1.3	1.1
Wyoming.....	.4	.5	.4	-.1	-.1	.5	.7	.6

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

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

*Excludes insured unemployment under extended duration provisions of regular State laws.

UNEMPLOYMENT INSURANCE DATA

E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	Sept. 1969	Aug. 1969	State and area	Sept. 1969	Aug. 1969	State and area	Sept. 1969	Aug. 1969	State and area	Sept. 1969	Aug. 1969
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	2.6	2.5	Evansville.....	.8	1.1	Manchester.....	.4	.3	continued		
Mobile.....	1.6	1.7	Ft. Wayne.....	.3	.6				York.....	1.0	1.2
			Gary-Hammond..	1.0	1.4	NEW JERSEY			PUERTO RICO *		
			Indianapolis....	1.7	2.0	Atlantic City....	1.1	1.2	Mayaguez.....	1.6	1.2
ARIZONA			South Bend.....	1.1	1.3	Jersey City.....	7.4	8.3	Ponce.....	1.2	1.8
Phoenix.....	2.4	2.8	Terre Haute.....	.4	.5	Newark.....	1.2	1.4	San Juan.....	4.1	4.4
						New Brunswick..	4.5	6.0			
ARKANSAS			IOWA			Paterson.....	9.7	11.8			
Little Rock.....	.6	.7	Cedar Rapids....	.1	.2	Trenton.....	1.4	1.7	RHODE ISLAND		
			Des Moines.....	.7	.8				Providence.....	7.7	
CALIFORNIA			KANSAS			NEW MEXICO					
Anaheim-S. Ana-			Wichita.....	2.5	2.3	Albuquerque....	.7	1.5	SOUTH CAROLINA		
Garden Grove..	9.7	10.5						Charleston.....	.9	1.0	
Fresno.....	2.7	3.0	KENTUCKY			NEW YORK			Greenville.....	.8	1.1
Los Angeles....	6.8	7.4	Louisville.....	3.0	2.7	Albany.....	2.4	2.6			
Sacramento.....	5.3	6.0				Binghamton....	1.2	1.1			
San Bernardino..	8.5	10.1	LOUISIANA			Buffalo.....	5.2	6.3			
San Diego.....	8.7	8.1	Baton Rouge....	1.2	1.4	New York.....	8.6	8.0			
San Francisco..	2.3	2.5	New Orleans....	5.4	5.8	Rochester.....	2.4	2.9	TENNESSEE		
San Jose.....	5.3	6.7	Shreveport.....	.9	1.0	Syracuse.....	2.0	2.5	Chattanooga....	1.6	1.0
Stockton.....	1.5	2.0				Utica.....	1.7	2.7	Knoxville.....	1.6	1.9
			MAINE			NORTH CAROLINA			Memphis.....	3.5	2.3
COLORADO			Portland.....	.8	.6	Asheville.....	.4	.4	Nashville.....	1.5	1.8
Denver.....	1.3	1.8	MARYLAND			Charlotte.....	1.0	1.1			
			Baltimore.....	7.3	7.6	Durham.....	.5	.6	TEXAS		
CONNECTICUT			MASSACHUSETTS			Greensboro....			Austin.....	.2	.2
Bridgeport.....	3.2	5.7	Boston.....	17.4	18.3	Winston-Salem..	1.2	1.4	Beaumont.....	1.2	1.3
Hartford.....	4.1	7.6	Brockton.....	1.1	1.2				Corpus Christi..	.6	.6
New Britain.....	1.3	3.2	Fall River.....	1.7	1.5	OHIO			Dallas.....	1.3	1.4
New Haven.....	2.6	3.5	Lawrence.....	2.7	2.8	Akron.....	1.3	1.5	El Paso.....	1.2	1.0
Stamford.....	1.0	1.1	Lowell.....	1.6	1.5	Canton.....	.6	.8	Ft. Worth.....	.7	.8
Waterbury.....	2.2	2.9	New Bedford....	2.5	2.0	Cincinnati.....	2.4	3.5	Houston.....	1.8	1.9
			Springfield....	3.9	4.6	Cleveland.....	3.2	3.4	San Antonio....	1.4	1.4
DELAWARE			Worcester.....	2.0	2.1	Columbus.....	1.5	1.6			
Wilmington.....	1.6	2.2	MICHIGAN			Dayton.....	1.0	1.7	UTAH		
			Battle Creek....	.8	.9	Hamilton.....	.5	.7	Salt Lake City..	2.7	
DIST. OF COL.			Detroit.....	17.0	33.6	Lorain.....	.5	.6			
Washington.....	5.2	5.8	Flint.....	1.6	3.0	Steubenville...	.3	.4	VIRGINIA		
			Grand Rapids...	2.6	5.3	Toledo.....	1.1	1.5	Hampton.....	.5	.5
FLORIDA			Kalamazoo.....	.5	.8	Youngstown....	.9	1.0	Norfolk.....	.8	1.4
Jacksonville....	.6	.7	Lansing.....	.9	.8	OKLAHOMA			Richmond.....	.3	.3
Miami.....	6.1	6.0	Muskegon.....	.9	1.0	Oklahoma City..	1.3	1.5	Roanoke.....	.1	.2
Tampa.....	2.6	2.7	Saginaw.....	.5	.9	Tulsa.....	1.6	1.4			
			MINNESOTA			OREGON			WASHINGTON		
GEORGIA			Duluth.....	.8	.8	Portland.....	4.7	4.6	Seattle.....	13.3	11.7
Atlanta.....	2.6	**4.4	Minneapolis....	1.8	4.1				Spokane.....	1.9	1.8
Augusta.....	.7	.6							Tacoma.....	3.2	3.0
Columbus.....	.6	.6	MISSISSIPPI			PENNSYLVANIA					
Macon.....	.5	.4	Jackson.....	.4	.5	Allentown.....	2.2	2.6	WEST VIRGINIA		
Savannah.....	.4	.4				Altoona.....	.8	.8	Charleston.....	.8	.8
			MISSOURI			Erie.....	.7	.9	Huntington.....	1.5	1.2
HAWAII			Kansas City....	3.6	7.2	Harrisburg.....	1.3	1.3	Wheeling.....	.6	.8
Honolulu.....	2.3	2.4	St. Louis.....	10.4	16.9	Johnstown.....	1.4	1.4			
						Lancaster.....	.6	.7	WISCONSIN		
ILLINOIS			NEBRASKA			Philadelphia...	20.8	23.7	Kenosha.....	.3	1.3
Chicago.....	16.9	19.7	Omaha.....	1.2	1.3	Pittsburgh.....	8.4	9.2	Madison.....	.3	.5
Davenport.....	2.2	2.7				Reading.....	1.1	1.1	Milwaukee.....	3.5	5.8
Peoria.....	.8	1.3				Scranton.....	2.3	2.3	Racine.....	.4	.8
Rockford.....	.8	1.1				Wilkes-Barre...	3.9	3.7			

¹Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs.

²For full name of labor area, see Area Trends in Employment and Unemployment published by the Bureau of Employment Security.

*Excludes insured unemployed under extended duration provisions of regular State laws.

**Revised.

QUARTERLY AVERAGES

HOUSEHOLD DATA

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HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

1: Employment status of the noninstitutional population by sex and age, seasonally adjusted

(In thousands)

Employment status, sex, and age	1969				1968				1967				1966	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	4th
Total														
Total labor force	84,588	83,839	83,727	82,610	82,427	82,231	81,840	81,618	81,096	80,289	80,236	79,788	79,114	79,114
Civilian labor force	81,056	80,318	80,242	79,070	78,838	78,695	78,366	78,151	77,641	76,839	76,823	76,458	75,933	75,933
Employed	78,063	77,514	77,575	76,385	75,997	75,863	75,497	75,089	74,614	73,871	73,959	73,637	73,053	73,053
Agriculture	3,548	3,725	3,788	3,691	3,742	3,890	4,005	3,939	3,848	3,753	3,873	3,899	3,925	3,925
Nonagricultural industries	74,515	73,789	73,787	72,694	72,255	71,973	71,492	71,150	70,766	70,118	70,086	69,738	69,128	69,128
On part time for economic reasons	1,926	1,744	1,681	1,690	1,772	1,714	1,677	1,889	1,919	1,843	1,986	1,644	1,654	1,654
Usually work full time	1,012	917	885	877	964	906	833	1,021	1,034	1,056	1,126	883	876	876
Usually work part time	914	827	797	813	808	808	844	868	885	787	860	761	778	778
Unemployed	2,994	2,804	2,667	2,685	2,841	2,832	2,869	3,062	3,027	2,968	2,864	2,821	2,880	2,880
Men, 20 years and over														
Total labor force	49,522	49,286	49,301	48,990	48,996	48,771	48,574	48,428	48,282	48,061	47,985	47,670	47,429	47,429
Civilian labor force	46,466	46,191	46,236	45,915	45,895	45,810	45,782	45,657	45,479	45,169	45,127	44,860	44,742	44,742
Employed	45,429	45,257	45,358	44,989	44,897	44,809	44,745	44,588	44,420	44,069	44,101	43,788	43,631	43,631
Agriculture	2,636	2,696	2,706	2,724	2,781	2,854	2,911	2,867	2,814	2,781	2,829	2,837	2,862	2,862
Nonagricultural industries	42,792	42,561	42,652	42,265	42,116	41,955	41,834	41,721	41,606	41,288	41,272	40,951	40,769	40,769
Unemployed	1,037	933	878	926	998	1,001	1,037	1,069	1,059	1,100	1,026	1,072	1,111	1,111
Women, 20 years and over														
Civilian labor force	27,625	27,172	27,123	26,615	26,321	26,179	25,991	26,102	25,670	25,102	25,056	24,969	24,552	24,552
Employed	26,549	26,155	26,164	25,666	25,318	25,206	24,981	24,986	24,558	24,060	24,013	24,030	23,628	23,628
Agriculture	543	618	687	628	566	614	661	677	617	584	632	657	663	663
Nonagricultural industries	26,006	25,538	25,477	25,038	24,752	24,592	24,320	24,309	23,941	23,476	23,381	23,373	22,965	22,965
Unemployed	1,076	1,017	959	949	1,003	973	1,010	1,116	1,112	1,042	1,043	939	924	924
Both sexes, 16-19 years														
Civilian labor force	6,966	6,955	6,883	6,540	6,622	6,706	6,593	6,392	6,492	6,568	6,640	6,629	6,639	6,639
Employed	6,085	6,101	6,053	5,730	5,782	5,848	5,771	5,515	5,636	5,742	5,845	5,819	5,794	5,794
Agriculture	368	411	396	339	395	422	433	395	417	388	412	405	400	400
Nonagricultural industries	5,717	5,690	5,657	5,391	5,387	5,426	5,338	5,120	5,219	5,354	5,433	5,414	5,394	5,394
Unemployed	881	854	830	810	840	858	822	877	856	826	795	810	845	845

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 will not necessarily add to totals.

HOUSEHOLD DATA

SEASONALLY ADJUSTED

QUARTERLY AVERAGES

2: 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	1969				1968				1967				1966
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Full time													
Total 16 years and over:													
Civilian labor force	70,066	69,313	68,892	68,558	68,374	68,279	68,123	68,108	67,662	66,968	67,093	66,861	66,715
Employed ¹	67,838	67,159	66,846	66,566	66,234	66,133	65,886	65,752	65,397	64,711	64,893	64,605	64,477
Unemployed	2,227	2,154	2,047	1,992	2,140	2,146	2,237	2,355	2,265	2,347	2,200	2,256	2,304
Unemployment rate	3.2	3.1	3.0	2.9	3.1	3.1	3.3	3.5	3.3	3.5	3.3	3.4	3.5
Men, 20 years and over:													
Civilian labor force	44,326	44,104	43,854	43,917	43,938	43,857	43,862	43,745	43,556	43,368	43,366	43,213	43,085
Employed ¹	43,419	43,251	43,069	43,085	43,038	42,953	42,922	42,772	42,629	42,350	42,435	42,217	42,064
Unemployed	907	853	784	833	900	904	940	973	928	1,017	931	996	1,021
Unemployment rate	2.0	1.9	1.8	1.9	2.0	2.1	2.1	2.2	2.1	2.3	2.1	2.3	2.4
Women, 20 years and over:													
Civilian labor force	21,875	21,516	21,396	21,096	20,763	20,704	20,592	20,732	20,458	20,035	19,993	19,876	19,747
Employed ¹	21,034	20,704	20,628	20,359	19,996	19,949	19,794	19,871	19,606	19,184	19,194	19,116	19,072
Unemployed	841	812	768	736	766	755	798	861	852	851	799	760	742
Unemployment rate	3.8	3.8	3.6	3.5	3.7	3.6	3.9	4.2	4.2	4.2	4.0	3.8	3.8
Both sexes, 16-19 years:													
Civilian labor force	3,865	3,693	3,642	3,545	3,673	3,718	3,670	3,631	3,648	3,656	3,734	3,772	3,883
Employed ¹	3,386	3,204	3,148	3,122	3,200	3,231	3,171	3,109	3,163	3,177	3,264	3,272	3,342
Unemployed	479	489	494	423	473	487	499	522	485	479	470	500	541
Unemployment rate	12.4	13.2	13.6	11.9	12.9	13.1	13.6	14.4	13.3	13.1	12.6	13.3	13.9
Part time													
Total 16 years and over:													
Civilian labor force	10,976	10,887	10,961	10,568	10,484	10,373	10,200	10,136	9,938	9,733	9,682	9,539	9,154
Employed ¹	10,239	10,248	10,304	9,891	9,811	9,670	9,533	9,431	9,246	9,095	8,997	8,979	8,572
Unemployed	737	640	657	678	672	702	666	706	691	638	685	560	583
Unemployment rate	6.7	5.9	6.0	6.4	6.4	6.8	6.5	7.0	7.0	6.6	7.1	5.9	6.4
Men, 20 years and over:													
Civilian labor force	2,140	2,087	2,082	1,998	1,963	1,953	1,920	1,912	1,889	1,801	1,748	1,646	1,658
Employed ¹	2,010	2,007	1,989	1,904	1,865	1,856	1,823	1,816	1,791	1,718	1,666	1,571	1,567
Unemployed	130	80	93	94	97	97	97	96	98	82	82	76	90
Unemployment rate	6.1	3.8	4.5	4.7	4.9	5.0	5.1	5.0	5.2	4.6	4.7	4.6	5.4
Women, 20 years and over:													
Civilian labor force	5,735	5,656	5,729	5,512	5,548	5,501	5,401	5,358	5,190	5,092	5,064	5,097	4,746
Employed ¹	5,515	5,451	5,536	5,307	5,322	5,258	5,187	5,115	4,952	4,876	4,819	4,915	4,556
Unemployed	220	205	193	205	225	243	214	243	238	215	246	182	190
Unemployment rate	3.8	3.6	3.4	3.7	4.1	4.4	4.0	4.5	4.6	4.2	4.9	3.6	4.0
Both sexes, 16-19 years:													
Civilian labor force	3,102	3,145	3,150	3,058	2,973	2,919	2,879	2,866	2,858	2,841	2,870	2,796	2,751
Employed ¹	2,714	2,790	2,779	2,679	2,624	2,557	2,523	2,500	2,503	2,501	2,512	2,493	2,448
Unemployed	388	355	371	379	350	362	356	366	355	340	358	303	303
Unemployment rate	12.5	11.3	11.8	12.4	11.8	12.4	12.4	12.8	12.4	12.0	12.5	10.8	11.0

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

HOUSEHOLD DATA SEASONALLY ADJUSTED QUARTERLY AVERAGES

3: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1969				1968				1967				1966	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
White														
Total:														
Civilian labor force.....	71,927	71,388	71,421	70,388	70,016	69,813	69,668	69,432	68,915	68,170	68,301	67,936	67,307	
Employed	69,529	69,185	69,285	68,371	67,753	67,578	67,403	67,034	66,526	65,850	66,052	65,734	65,087	
Unemployed	2,398	2,202	2,137	2,117	2,263	2,235	2,265	2,398	2,389	2,320	2,249	2,202	2,220	
Unemployment rate.....	3.3	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.2	3.3	
Males, 20 years and over:														
Civilian labor force.....	41,851	41,612	41,705	41,428	41,365	41,222	41,250	41,178	40,963	40,645	40,630	40,376	40,243	
Employed	40,996	40,844	40,982	40,678	40,540	40,392	40,403	40,300	40,087	39,745	39,802	39,525	39,360	
Unemployed	855	768	723	750	825	830	847	878	876	900	828	851	883	
Unemployment rate.....	2.0	1.8	1.7	1.8	2.0	2.0	2.1	2.1	2.1	2.2	2.0	2.1	2.2	
Females, 20 years and over:														
Civilian labor force.....	23,941	23,624	23,601	23,138	22,830	22,701	22,593	22,640	22,265	21,749	21,735	21,635	21,217	
Employed	23,096	22,837	22,833	22,394	22,043	21,951	21,807	21,781	21,394	20,942	20,930	20,922	20,526	
Unemployed	844	787	768	744	787	750	786	859	871	807	805	713	691	
Unemployment rate.....	3.5	3.3	3.3	3.2	3.4	3.3	3.5	3.8	3.9	3.7	3.7	3.3	3.3	
Both sexes, 16 to 19 years:														
Civilian labor force.....	6,136	6,152	6,115	5,822	5,821	5,890	5,825	5,614	5,687	5,776	5,936	5,925	5,847	
Employed	5,437	5,504	5,470	5,199	5,170	5,235	5,193	4,953	5,045	5,163	5,320	5,287	5,201	
Unemployed	699	648	645	623	651	655	632	661	642	613	616	638	646	
Unemployment rate.....	11.4	10.5	10.5	10.7	11.2	11.1	10.8	11.8	11.3	10.6	10.4	10.8	11.0	
Nonwhite														
Total:														
Civilian labor force.....	8,984	8,854	8,947	8,724	8,706	8,818	8,782	8,727	8,634	8,624	8,614	8,538	8,534	
Employed	8,391	8,251	8,418	8,147	8,133	8,219	8,181	8,062	8,005	7,974	8,001	7,916	7,889	
Unemployed	593	603	529	577	573	599	601	665	629	650	613	622	645	
Unemployment rate.....	6.6	6.8	5.9	6.6	6.6	6.8	6.8	7.6	7.3	7.5	7.1	7.3	7.6	
Males, 20 years and over:														
Civilian labor force.....	4,598	4,545	4,563	4,507	4,520	4,561	4,548	4,492	4,509	4,503	4,504	4,492	4,483	
Employed	4,420	4,375	4,408	4,329	4,350	4,385	4,359	4,301	4,329	4,300	4,305	4,268	4,263	
Unemployed	178	169	155	178	170	176	189	191	180	203	199	224	220	
Unemployment rate.....	3.9	3.7	3.4	3.9	3.8	3.9	4.2	4.3	4.0	4.5	4.4	5.0	4.9	
Females, 20 years and over:														
Civilian labor force.....	3,592	3,525	3,568	3,467	3,416	3,456	3,442	3,444	3,349	3,338	3,371	3,322	3,299	
Employed	3,359	3,300	3,375	3,262	3,200	3,238	3,215	3,190	3,107	3,108	3,132	3,097	3,064	
Unemployed	232	225	193	205	216	218	227	254	242	230	239	225	235	
Unemployment rate.....	6.5	6.4	5.4	5.9	6.3	6.3	6.6	7.4	7.2	6.9	7.1	6.8	7.1	
Both sexes, 16 to 19 years:														
Civilian labor force.....	794	784	816	750	770	801	792	791	776	783	739	724	752	
Employed	612	575	635	556	583	596	607	571	569	566	564	551	562	
Unemployed	182	209	181	194	187	205	185	220	207	217	175	173	190	
Unemployment rate.....	22.9	26.7	22.2	25.9	24.3	25.6	23.4	27.8	26.7	27.7	23.7	23.9	25.3	

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

4: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1969			1968				1967				1966	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Total (all civilian workers)	3.7	3.5	3.3	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.7	3.7	3.8
Men, 20 years and over	2.2	2.0	1.9	2.0	2.2	2.2	2.3	2.3	2.3	2.4	2.3	2.4	2.5
Women, 20 years and over	3.9	3.7	3.5	3.6	3.8	3.7	3.9	4.3	4.3	4.2	4.2	3.8	3.8
Both sexes, 16-19 years	12.6	12.3	12.1	12.4	12.7	12.8	12.5	13.7	13.2	12.6	12.0	12.2	12.7
White workers	3.3	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.2	3.3
Nonwhite workers	6.6	6.8	5.9	6.6	6.6	6.8	6.8	7.6	7.3	7.5	7.1	7.3	7.6
Married men	1.6	1.5	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.7	1.8	1.9
Full-time workers	3.2	3.1	3.0	2.9	3.1	3.1	3.3	3.5	3.3	3.5	3.3	3.4	3.5
Part-time workers	6.7	5.9	6.0	6.4	6.4	6.8	6.5	7.0	7.0	6.6	7.1	5.9	6.4
Unemployed 15 weeks and over ¹ . . . . .	.5	.5	.4	.4	.5	.5	.6	.6	.6	.6	.6	.6	.6
State insured ²	--	--	--	--	--	--	--	--	--	--	--	--	--
Labor force time lost ³	4.2	3.7	3.6	3.8	4.1	3.9	4.1	4.4	4.3	4.1	4.2	4.1	4.3
Occupation													
White-collar workers	2.2	1.9	1.9	1.9	2.0	2.0	2.0	2.3	2.3	2.0	2.1	2.0	2.0
Professional and technical	1.4	1.3	1.0	1.2	1.3	1.2	1.1	1.3	1.3	1.4	1.3	1.3	1.4
Managers, officials, and proprietors	1.0	.9	1.0	1.0	1.1	.9	.9	1.0	.9	.9	.9	.9	1.0
Clerical workers	3.3	2.8	2.9	2.8	3.0	2.9	3.1	3.4	3.4	2.7	3.0	3.0	2.9
Sales workers	3.0	2.9	2.9	2.9	2.6	2.6	2.9	3.2	3.6	2.9	3.2	2.4	2.7
Blue-collar workers	4.0	3.8	3.7	3.8	4.2	4.0	4.4	4.5	4.5	4.6	4.2	4.1	4.3
Craftsmen and foremen	2.2	2.1	2.1	2.1	2.4	2.4	2.6	2.4	2.3	2.8	2.4	2.8	2.8
Operatives	4.4	4.3	4.1	4.3	4.5	4.3	4.8	5.1	5.1	5.0	4.8	4.2	4.5
Nonfarm laborers	7.4	6.4	6.4	6.7	7.6	6.9	7.6	7.8	7.8	7.9	7.1	7.5	7.7
Service workers	4.6	4.4	3.9	4.4	4.5	4.6	4.3	4.9	4.5	4.2	4.5	4.5	4.6
Farm workers	2.3	1.9	1.6	1.7	2.4	2.3	1.9	2.3	2.5	2.4	2.2	2.0	1.8
Industry													
Private wage and salary workers ⁴	3.7	3.5	3.3	3.4	3.6	3.6	3.7	4.0	4.0	3.9	3.8	3.7	3.8
Construction	6.9	5.6	5.7	6.0	6.5	6.7	7.8	6.8	6.7	8.0	7.5	8.8	8.0
Manufacturing	3.3	3.2	3.1	3.1	3.3	3.2	3.4	3.8	3.9	3.8	3.4	3.0	3.2
Durable goods	2.9	3.1	2.6	3.0	3.0	2.9	3.1	3.5	3.6	3.6	2.9	2.6	2.8
Non-durable goods	3.8	3.4	3.7	3.4	3.7	3.8	3.9	4.1	4.2	4.1	4.1	3.6	3.8
Transportation and public utilities	2.0	2.3	2.0	2.0	2.4	1.7	1.9	2.4	2.3	2.5	2.2	1.8	2.1
Wholesale and retail trade	4.4	4.1	3.8	4.0	4.0	4.0	4.1	4.5	4.5	3.8	4.0	4.2	4.5
Finance and service industries	3.5	3.3	3.0	3.2	3.5	3.5	3.3	3.7	3.6	3.4	3.6	3.5	3.4
Government wage and salary workers	1.9	1.7	1.7	1.8	1.9	1.8	1.9	2.0	1.7	1.9	1.7	1.8	2.1
Agricultural wage and salary workers	7.9	5.4	5.2	5.3	7.9	6.6	5.4	6.6	7.9	6.9	6.0	6.2	6.2

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

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

5: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1969			1968				1967			1966		
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Less than 5 weeks	1,710	1,697	1,519	1,494	1,639	1,641	1,597	1,621	1,668	1,673	1,579	1,541	1,606
5 to 14 weeks	897	726	776	834	807	790	810	983	915	882	821	783	811
15 weeks and over	397	395	339	350	414	414	458	462	445	440	449	474	466
15 to 26 weeks	240	263	222	217	256	260	283	288	263	277	261	267	256
27 weeks and over	156	132	117	133	158	154	175	174	182	163	188	207	210

6: Rates of unemployment by age and sex, seasonally adjusted

Age and sex	1969				1968			1967				1966	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Total, 16 years and over	3.7	3.5	3.3	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.7	3.7	3.8
16 to 19 years	12.6	12.3	12.1	12.4	12.7	12.8	12.5	13.7	13.2	12.6	12.0	12.2	12.7
16 and 17 years	15.9	13.9	13.5	14.4	14.6	14.5	14.8	15.6	15.0	14.0	14.3	13.9	14.6
18 and 19 years	10.4	11.1	11.1	10.8	11.4	11.4	11.0	12.1	11.9	11.7	10.5	9.6	10.0
20 to 24 years	6.0	5.5	5.4	5.8	5.8	5.7	5.9	5.9	6.0	5.4	5.4	5.3	5.1
25 years and over	2.3	2.2	2.1	2.1	2.3	2.3	2.4	2.6	2.6	2.7	2.6	2.5	2.6
25 to 54 years	2.4	2.3	2.1	2.2	2.4	2.3	2.4	2.7	2.7	2.8	2.6	2.6	2.6
55 years and over	2.1	1.9	1.9	2.1	2.1	2.1	2.3	2.5	2.4	2.5	2.5	2.5	2.6
Males, 16 years and over	3.0	2.7	2.6	2.7	2.8	2.9	3.0	3.1	3.1	3.2	3.0	3.1	3.2
16 to 19 years	11.7	10.9	11.4	11.6	11.2	11.4	12.0	13.3	12.2	12.5	11.5	11.6	11.5
16 and 17 years	15.1	13.1	12.9	14.0	13.4	14.1	13.7	15.7	14.6	14.5	13.6	13.1	13.4
18 and 19 years	9.1	9.2	10.1	9.4	9.5	9.0	10.4	11.1	10.3	11.0	9.7	10.1	10.1
20 to 24 years	5.4	4.8	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.6	4.1	4.7	4.2
25 years and over	1.8	1.6	1.5	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.0	2.1	2.3
25 to 54 years	1.7	1.6	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	1.9	2.0	2.1
55 years and over	2.0	1.7	1.8	1.9	2.1	2.1	2.3	2.6	2.2	2.6	2.4	2.4	2.8
Females, 16 years and over	4.9	4.8	4.5	4.5	4.9	4.8	4.8	5.2	5.3	5.0	5.0	4.7	4.9
16 to 19 years	13.7	14.0	12.9	13.5	14.5	14.5	13.1	14.2	14.4	12.7	12.6	13.0	14.2
16 and 17 years	16.9	15.0	14.5	15.1	16.3	15.1	16.4	15.4	15.7	13.4	15.4	15.1	16.5
18 and 19 years	11.8	13.2	12.3	12.4	13.5	14.0	11.7	13.3	13.6	12.4	11.5	9.0	9.9
20 to 24 years	6.6	6.3	6.0	6.8	6.7	6.4	6.8	7.0	7.5	6.4	7.0	6.1	6.3
25 years and over	3.3	3.2	3.1	3.0	3.2	3.1	3.4	3.8	3.7	3.7	3.7	3.4	3.3
25 to 54 years	3.6	3.5	3.3	3.2	3.5	3.4	3.6	4.2	4.0	4.1	3.9	3.6	3.6
55 years and over	2.3	2.2	2.1	2.4	2.2	2.1	2.5	2.3	2.6	2.3	2.7	2.8	2.3

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

7: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1969				1968				1967				1966	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
Total														
16 years and over	78,063	77,514	77,575	76,385	75,997	75,863	75,497	75,089	74,614	73,871	73,959	73,637	73,053	
16 to 19 years	6,085	6,101	6,053	5,730	5,782	5,848	5,771	5,515	5,636	5,742	5,845	5,819	5,794	
16 and 17 years	2,522	2,571	2,585	2,378	2,390	2,437	2,410	2,323	2,316	2,303	2,407	2,339	2,283	
18 and 19 years	3,527	3,518	3,517	3,373	3,361	3,396	3,383	3,200	3,303	3,425	3,469	3,494	3,496	
20 to 24 years	9,422	9,266	9,138	8,899	8,820	8,673	8,662	8,676	8,572	8,454	8,291	8,091	7,924	
25 years and over	62,532	62,133	62,395	61,779	61,384	61,329	61,068	60,922	60,390	59,682	59,816	59,743	59,349	
25 to 54 years	48,382	48,070	48,386	47,819	47,511	47,504	47,442	47,152	46,725	46,224	46,476	46,302	45,965	
55 years and over	14,089	14,026	14,082	13,931	13,827	13,795	13,684	13,733	13,624	13,425	13,402	13,398	13,342	
Male														
16 years and over	48,814	48,676	48,827	48,281	48,162	48,078	47,924	47,681	47,597	47,254	47,384	47,035	46,914	
16 to 19 years	3,385	3,419	3,468	3,292	3,265	3,269	3,179	3,093	3,177	3,185	3,283	3,247	3,283	
16 and 17 years	1,505	1,509	1,566	1,449	1,444	1,457	1,466	1,428	1,416	1,370	1,464	1,421	1,385	
18 and 19 years	1,860	1,897	1,935	1,863	1,805	1,800	1,735	1,677	1,750	1,804	1,843	1,841	1,882	
20 to 24 years	5,079	5,014	4,876	4,847	4,816	4,773	4,812	4,837	4,860	4,795	4,738	4,620	4,577	
25 years and over	40,346	40,235	40,490	40,142	40,084	40,028	39,940	39,753	39,556	39,287	39,357	39,171	39,064	
25 to 54 years	31,289	31,203	31,427	31,136	31,050	31,021	31,038	30,839	30,668	30,478	30,626	30,404	30,326	
55 years and over	9,038	9,008	9,100	9,007	9,021	8,988	8,926	8,913	8,874	8,785	8,753	8,750	8,723	
Female														
16 years and over	29,249	28,838	28,748	28,104	27,835	27,785	27,573	27,408	27,017	26,617	26,575	26,602	26,139	
16 to 19 years	2,700	2,682	2,585	2,438	2,517	2,579	2,592	2,422	2,459	2,557	2,562	2,572	2,511	
16 and 17 years	1,017	1,062	1,019	929	946	980	944	895	900	933	943	918	898	
18 and 19 years	1,667	1,621	1,582	1,510	1,556	1,596	1,648	1,523	1,553	1,621	1,626	1,653	1,614	
20 to 24 years	4,343	4,251	4,263	4,052	4,004	3,900	3,850	3,839	3,712	3,659	3,553	3,471	3,347	
25 years and over	22,186	21,899	21,905	21,637	21,300	21,301	21,128	21,169	20,834	20,395	20,459	20,572	20,285	
25 to 54 years	17,093	16,867	16,959	16,683	16,461	16,483	16,404	16,313	16,057	15,746	15,850	15,898	15,639	
55 years and over	5,051	5,018	4,982	4,929	4,806	4,807	4,758	4,820	4,750	4,640	4,649	4,648	4,619	

8: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1969				1968				1967				1966	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
White-collar workers	36,959	36,700	36,217	35,906	35,756	35,445	35,109	34,882	34,481	33,955	33,616	33,686	33,420	
Professional and technical	10,765	10,775	10,628	10,452	10,393	10,326	10,142	10,057	9,953	9,784	9,731	9,596	9,446	
Managers, officials, and proprietors	7,992	7,985	7,828	7,900	7,838	7,661	7,706	7,639	7,640	7,445	7,254	7,429	7,508	
Clerical workers	13,483	13,277	13,158	12,889	12,828	12,808	12,685	12,619	12,351	12,245	12,115	12,158	11,962	
Sales workers	4,719	4,662	4,603	4,665	4,697	4,650	4,576	4,567	4,537	4,481	4,516	4,503	4,504	
Blue-collar workers	28,445	27,875	28,255	27,756	27,509	27,466	27,342	27,273	27,356	27,140	27,276	26,962	26,946	
Craftsmen and foremen	10,144	10,020	10,334	10,158	9,953	9,979	9,964	9,840	9,774	9,831	9,942	9,709	9,671	
Operatives	14,628	14,170	14,293	14,032	13,943	13,928	13,915	13,904	14,022	13,773	13,836	13,826	13,728	
Nonfarm laborers	3,673	3,685	3,629	3,566	3,613	3,559	3,463	3,529	3,560	3,536	3,498	3,427	3,547	
Service workers	9,467	9,466	9,575	9,427	9,366	9,392	9,343	9,334	9,263	9,275	9,426	9,408	9,223	
Farmers and farm laborers	3,229	3,447	3,479	3,307	3,401	3,536	3,683	3,620	3,556	3,472	3,610	3,585	3,592	

Technical Note

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, 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.

INTRODUCTION

The statistics in this periodical are compiled from three major sources: (1) household interviews, (2) payroll 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 50,000 households, representing 449 areas in 863 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 payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 25 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.

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 payroll series

The household and payroll 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 non-agricultural 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.

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.

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 establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes contract construction, 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. Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 31 States. In general, these are establishments with less than four employees.

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 Re-

port 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, 50,000 occupied units are designated for interview. About 2,250 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 non-interview rate for the survey of about 4.5 percent. In addition to the 50,000 occupied units, there are 8,500 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.

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. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Per-

sons 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 1960 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.

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 non-economic reasons but 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 ac-

ording 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.

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 for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 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 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 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 (1960) to take account of subsequent aging of the population, mortality, and migra-

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

Reliability of the Estimates

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.

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 the standard error of the month-to-month change in table C corresponding to this standard error of level. It should

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 and total employment.....	190	145
Agriculture.....	120	100
Nonagricultural employment	200	150
Unemployment.....	75	80
MALE		
Labor force and total employment.....	100	75
Agriculture.....	95	80
Nonagricultural employment	120	95
Unemployment.....	60	60
FEMALE		
Labor force and total employment.....	150	115
Agriculture.....	50	40
Nonagricultural employment	150	115
Unemployment.....	50	55

Table B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
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	...	...	...	...	...

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.

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 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.

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 . . .	.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0
250 . . .	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2
500 . . .	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3
1,000 . .	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6
2,000 . .	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2
3,000 . .	.2	.3	.4	.7	.7	.7	.8	.8	1.0
5,000 . .	.2	.2	.3	.4	.5	.7	.7	.7	.7
10,000 .	.1	.2	.3	.3	.3	.4	.4	.5	.5
25,000 .	.1	.1	.2	.2	.3	.3	.3	.3	.3
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2

Establishment Data

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, 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 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 non-

agricultural 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 was revised in January 1969 to provide for the collection of job openings data as well.

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, 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 reported to work 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 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 foremen 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, mechanics, 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, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

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 absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average Overtime Hours

The overtime hours represent that portion of the gross average weekly hours which 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 gross 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 non-supervisory workers in the industry division excluding other income and income earned by other family members.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. The level of earnings is thus adjusted for changes in purchasing power since the base period (1957-59).

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 1957-59 period. The man-hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

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 another establishment of the company.

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 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.

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 the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, 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 produc-

tion- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, 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 1968 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, covering three-fourths of the total nonagricultural employment in the United States, are prepared under the direction of the Manpower Administration. 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 follows:

Nonagricultural payroll employment estimates,
by industry division, as a percentage of the
benchmark for 1966-1968

Industry division	1966	1967	1968
Total	99.9	100.0	100.4
Mining	100.5	99.5	101.7
Contract construction	99.7	101.6	99.5
Manufacturing	99.4	99.5	99.8
Transportation and public utilities	99.7	99.8	100.7
Wholesale and retail trade	100.1	100.7	100.3
Finance, insurance, and real estate	99.5	100.2	99.2
Services	100.3	99.8	99.2
Government	100.0	100.0	102.8

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 samples 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 larger 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 smaller ones. Many industries in the trade and service 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 labor turnover statistics programs, with their emphasis on pro-

ducing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after 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. The table that follows 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.

Approximate size and coverage of BLS employment and payrolls sample, March 1968¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining	2,200	274,000	47
Contract construction	16,200	772,000	26
Manufacturing	46,100	12,422,000	64
Transportation and public utilities:			
Railroad transportation (ICC)	100	636,000	96
Other transportation and public utilities	7,100	2,042,000	57
Wholesale and retail trade	39,700	2,815,000	21
Finance, insurance and real estate	9,400	1,239,000	37
Services	22,400	2,227,000	21
Government:			
Federal (Civil Service Commission) ²	3,200	2,699,000	100
State and local	9,400	4,907,000	54

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.

The table below shows the approximate coverage, in terms of employment, of the labor turnover sample.

Approximate size and coverage of BLS labor turnover sample, March 1968

Industry	Employees	
	Number reported	Percent of total
Manufacturing	11,060,000	57
Metal mining	49,100	74
Coal mining	59,800	44
Communication:		
Telephone	632,400	78
Telegraph	22,400	69

Reliability of the Employment Estimates

The estimates derived from the establishment 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. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, 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 the 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. (A detailed description of the March 1968 benchmark is available from the Bureau upon request.)

One measure of the reliability of ratio estimates is the root mean square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio 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.

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

Root-mean-square errors of differences
between benchmarks and estimates

Size of employment estimate	Root-mean-square error ¹
50,000	2,000
100,000	2,600
200,000	3,600
500,000	7,000
1,000,000	11,600
2,000,000	18,400

¹ Assuming 12-month intervals between benchmark revisions.

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. The table below presents root-mean-square-errors of the amounts of

Errors of preliminary employment estimates

Size of empl. estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	900	900
200,000	1,700	1,700
500,000	3,000	2,800
1,000,000	4,300	4,000
2,000,000	8,000	8,000
10,000,000	29,600	27,600
Total Nonag. empl.	84,000	74,000

revision 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 or 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, 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 figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

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

SEASONAL ADJUSTMENT

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 establishment data, the seasonally adjusted series on weekly hours 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. Indexes of aggregate weekly man-hours, seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1957-59 base. For total, 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 1957-59 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department 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 Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the July 1969 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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 1968 are published in the February 1969 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

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 and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1968 benchmarks. Data from April 1968 forward are subject to revision at the time of the next benchmark.

Beginning with the July 1969 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, 1969*. Comparable data will be published in *Employment and Earnings, United States, 1909-69*, BLS Bulletin 1312-7.

Summary of Methods for Computing Industry Statistics

on Employment, Hours, Earnings, 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 nonsupervisory-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 firms divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
Annual Average Data		
All employees and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate 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.

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Bureau of Labor Statistics

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Employment and Labor Turnover Statistics Programs

IV	ALABAMA	- Department of Industrial Relations, Montgomery 36104
X	ALASKA	- Employment Security Division, Department of Labor, Juneau 99801
IX	ARIZONA	- Unemployment Security Commission, Phoenix 85005
VI	ARKANSAS	- Employment Security Division, Department of Labor, Little Rock 72203
IX	CALIFORNIA	- Division of Labor Statistics and Research, Department of Industrial Relations, Human Relations Agency, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
VIII	COLORADO	- Department of Employment, Denver 80203
I	CONNECTICUT	- Employment Security Division, Connecticut Labor Department, Hartford 06115
III	DELAWARE	- Employment Security Commission, Wilmington 19899
III	DIST. OF COL.	- Manpower Training and Employment Services Administration for the District of Columbia, Washington 20212
IV	FLORIDA	- Department of Commerce, Tallahassee 32304
IV	GEORGIA	- Employment Security Agency, Department of Labor, Atlanta 30303
IX	HAWAII	- Department of Labor and Industrial Relations, Honolulu 96811
X	IDAHO	- Department of Employment, Boise 83707
V	ILLINOIS	- Division of Research and Statistics, Department of Labor, Chicago 60606
V	INDIANA	- Employment Security Division, Indianapolis 46204
VII	IOWA	- Employment Security Commission, Des Moines 50319
VII	KANSAS	- Employment Security Division, Department of Labor, Topeka 66603
IV	KENTUCKY	- Bureau of Employment Security, Department of Economic Security, Frankfort 40601
VI	LOUISIANA	- Department of Employment Security, Baton Rouge 70804
I	MAINE	- Employment Security Commission, Augusta 04330
III	MARYLAND	- Department of Employment Security, Baltimore 21201
I	MASSACHUSETTS	- Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
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V	MINNESOTA	- Department of Manpower Services, St. Paul 55101
IV	MISSISSIPPI	- Employment Security Commission, Jackson 39205
VII	MISSOURI	- Division of Employment Security, Jefferson City 65102
VIII	MONTANA	- Unemployment Compensation Commission, Helena 59601
VII	NEBRASKA	- Division of Employment, Department of Labor, Lincoln 68509
IX	NEVADA	- Employment Security Department, Carson City 89701
I	NEW HAMPSHIRE	- Department of Employment Security, Concord 03301
II	NEW JERSEY	- Division of Planning and Research, Department of Labor and Industry, Trenton 08625
VI	NEW MEXICO	- Employment Security Commission, Albuquerque 87103
II	NEW YORK	- Research and Statistics Office, Division of Employment, N.Y. State Department of Labor, State Campus Building 12, Albany 12201
IV	NORTH CAROLINA	- Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VIII	NORTH DAKOTA	- Employment Security Bureau, Bismarck 58501
V	OHIO	- Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
VI	OKLAHOMA	- Employment Security Commission, Oklahoma City 73105
X	OREGON	- Division of Employment, Salem 97310
III	PENNSYLVANIA	- Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
I	RHODE ISLAND	- Division of Statistics and Census, Department of Labor, Providence 02908 (Employment). Department of Employment Security, Providence 02903 (Turnover).
IV	SOUTH CAROLINA	- Employment Security Commission, Columbia 29202
VIII	SOUTH DAKOTA	- Employment Security Department, Aberdeen 57401
IV	TENNESSEE	- Department of Employment Security, Nashville 37219
VI	TEXAS	- Employment Commission, Austin 78701
VIII	UTAH	- Department of Employment Security, Salt Lake City 84111
I	VERMONT	- Department of Employment Security, Montpelier 05602
III	VIRGINIA	- Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
X	WASHINGTON	- Employment Security Department, Olympia 98501
III	WEST VIRGINIA	- Department of Employment Security, Charleston 25305
V	WISCONSIN	- Department of Industrial, Labor and Human Relations, Madison 53701
VIII	WYOMING	- Employment Security Commission, Casper 82601