



Washington, D.C. 20212

The overall unemployment rates for whites and blacks (6.0 and 13.8 percent, respectively) exhibited little over-the-month change. Compared with a year earlier, the rate for whites has declined by more than a percentage point, while the rate for blacks has shown no improvement.

The rate for full-time workers fell from 6.6 to 6.4 percent in November and was down from 7.6 percent a year earlier.

The average (mean) duration of unemployment held steady in November at 13.8 weeks but was 1.7 weeks less than in November 1976. (See table A-4.)

Table A. Major indicators of labor market activity, seasonally adjusted

Selected categories	Quarterly averages					Monthly data		
	1976		1977			1977		
	III	IV	I	II	III	Sept.	Oct.	Nov.
HOUSEHOLD DATA	Thousands of persons							
Civilian labor force	95,261	95,711	96,067	97,186	97,623	97,868	98,102	98,998
Total employment	87,804	88,133	88,998	90,370	90,809	91,095	91,230	92,180
Unemployment	7,457	7,578	7,068	6,816	6,814	6,773	6,872	6,818
Not in labor force	58,963	59,132	59,379	58,908	59,140	59,114	59,099	58,391
Discouraged workers	827	992	929	1,061	1,104	N.A.	N.A.	N.A.
	Percent of labor force							
Unemployment rates:								
All workers	7.8	7.9	7.4	7.0	7.0	6.9	7.0	6.9
Adult men	6.0	6.2	5.6	5.1	5.1	4.9	5.3	4.9
Adult women	7.7	7.6	7.1	6.9	7.0	7.0	6.8	7.1
Teenagers	18.8	19.1	18.6	18.1	17.7	18.1	17.3	17.1
White	7.1	7.2	6.7	6.3	6.1	6.1	6.1	6.0
Black and other	13.1	13.4	12.8	12.8	13.6	13.1	13.9	13.8
Full-time workers	7.4	7.5	6.8	6.5	6.6	6.5	6.6	6.4
ESTABLISHMENT DATA	Thousands of jobs							
Nonfarm payroll employment ...	79,674	80,111	80,925	81,871	82,548	82,763	82,905p	83,217p
Goods-producing industries ...	23,359	23,456	23,788	24,265	24,359	24,360	24,438p	24,534p
Service-producing industries ..	56,314	56,655	57,137	57,606	58,189	58,403	58,467p	58,683p
	Hours of work							
Average weekly hours:								
Total private nonfarm	36.1	36.2	36.1	36.2	36.0	36.0	36.2p	36.1p
Manufacturing	39.9	40.0	40.1	40.4	40.3	40.3	40.4p	40.5p
Manufacturing overtime	3.0	3.1	3.3	3.4	3.3	3.3	3.5p	3.5p

p=preliminary.

N.A.=not available.

Total Employment and the Labor Force

Total employment registered an unusually large increase of 950,000 in November, with all major demographic groups sharing in the growth. Employment has risen almost continuously over the year to 92.2 million, 3.9 million above its year-ago level. This advance was about evenly divided between men and women (16 years and over), but, because the male employment total is much greater than the women's, their percentage increase over the year was considerably less (3.9 versus 5.2 percent for women). (See table A-3.)

As would be expected, the bulk of the over-the-month and over-the-year employment growth occurred among persons on full-time schedules. However, employment growth for voluntary part-time workers was proportionately greater in both time frames. (See table A-3.)

The labor force in November, at 99.0 million seasonally adjusted, was 900,000 above the October level and 3.2 million higher than a year earlier. The labor force participation rate--the proportion of the civilian noninstitutional population either working or seeking work--rose by half a percentage point in November to 62.9 percent, an alltime high.

Industry Payroll Employment

Although not nearly as great as the increase in employment from the household survey, the increase in nonagricultural payroll employment was nonetheless substantial. Payroll employment increased by 310,000 in November to 83.2 million, seasonally adjusted. All of the major industry groups posted employment gains, as 70 percent of the 172 industries that comprise the BLS diffusion index of private nonagricultural payroll employment showed over-the-month increases. Nonfarm payrolls have expanded by 3.1 million over the past year. (See tables B-1 and B-6.)

The services industry division had the largest over-the-month employment increase with a gain of 75,000. Manufacturing employment rose by 65,000; most of this increase occurred in the durable goods group, with the lumber, stone-clay-glass, fabricated metals, and electrical equipment industries each registering gains of about 10,000 jobs. Trade and government also showed sizeable gains in their November payroll counts. All of the increase in government employment occurred in the State and local sector.

Construction employment continued the growth that began early in the year; approximately half of the 30,000 over-the-month increase, however, was due to strike settlements. Contract construction employment in November was 355,000 above its year-ago level.

Hours

The average workweek for production or nonsupervisory workers on private nonagricultural payrolls slipped by a tenth of an hour in November to 36.1 hours, seasonally adjusted. The manufacturing workweek, however, edged up by 0.1 hour in November to 40.5 hours, equaling the post-1973 high reached in June of this year. Manufacturing overtime was 3.5 hours, unchanged from October but 0.4 hour above the year-ago level. (See table B-2.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls edged up to 116.9 (1967=100) in November, 0.1 percent above the October level. All of the over-the-month increase occurred in the goods-producing sector. The overall index has increased by 3.6 percent since November 1976.

Hourly and Weekly Earnings

Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls advanced 0.4 percent, seasonally adjusted, in November. Because of the slight decline in hours of work, there was an even smaller increase in average weekly earnings (0.1 percent). Compared with their year-ago levels, average hourly and weekly earnings were up 7.8 and 7.5 percent, respectively.

Before adjustment for seasonality, average hourly earnings were unchanged from October's \$5.40 and were 40 cents above the level of November a year ago. Average weekly earnings, however, declined \$1.08 from the previous month to \$194.40. Over the year, average weekly earnings rose by \$13.90. (See table B-3.)

Hourly Earnings Index

(The data usually presented in table B-4 and the analysis were not available in time for this release.)

Revisions in Seasonally-Adjusted Establishment Data

This release introduces revisions in seasonally-adjusted data from the establishment survey (tables B-1 through B-6). The revised data reflect the seasonal experience from January 1968 through August 1977. The revisions, which affect all seasonally-adjusted data since January 1972, are being made in accordance with long standing annual practice. The revised historical series and new seasonal adjustment factors will be published in the December issue of Employment and Earnings.

Explanatory Note

This release presents and analyzes statistics from two major surveys. Data on labor force, total employment, and unemployment (A tables) are derived from the Current Population Survey, a sample survey of households conducted by the Bureau of the Census for the Bureau of Labor Statistics. The sample consists of about 47,000 households selected to represent the U.S. civilian noninstitutional population 16 years of age and over.

Statistics on nonagricultural payroll employment, hours, and earnings (B tables) are collected by the Bureau of Labor Statistics, in cooperation with State agencies, from payroll records of a sample of approximately 165,000 establishments. Unless otherwise indicated, data for both series relate to the week containing the 12th day of the specified month.

Comparability of household and payroll employment statistics

Employment data from the household and payroll surveys differ in several basic respects. The household survey provides information on the labor force activity of the entire population 16 years of age and over, without duplication, since each person is classified as employed, unemployed, or not in the labor force.

The payroll survey relates only to paid wage and salary employees (regardless of age) on the payrolls of nonagricultural establishments. The household survey counts employed persons in both agriculture and in nonagricultural industries and, in addition to wage and salary workers (including private household workers), includes the self-employed, unpaid family workers, and persons "with a job but not at work" and not paid for the period absent. Persons who worked at more than one job during the survey week or otherwise appear on more than one payroll are counted more than once in the establishment survey. Such persons are counted only once in the household survey and are classified in the job at which they worked the greatest number of hours.

Unemployment

To be classified in the household survey as unemployed an individual must: (1) have been without a job during the survey week, (2) have made specific efforts to find employment sometime during the prior 4 weeks, and (3) be presently available for work. In addition, persons on lay-off and those waiting to begin a new job (within 30 days) are also classified as unemployed. The unemployed total

includes all persons who satisfactorily meet the above criteria, regardless of their eligibility for unemployment insurance benefits or any kind of public assistance. The unemployment rate represents the unemployed as a proportion of the civilian labor force (the employed and unemployed combined).

To meet the extensive needs of data users, the Bureau regularly publishes data on a wide variety of labor market indicators—see, for example, the demographic, occupational, and industry detail in tables A-2 and A-3. A special grouping of seven unemployment measures is set forth in table A-7. Identified by the symbols U-1 through U-7, these measures represent a range of possible definitions of unemployment and of the labor force, extending from the most restrictive (U-1) to the most comprehensive (U-7). The official rate of unemployment appears as U-5.

Seasonal adjustment

Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are repeated more or less regularly each year—changes in weather, school vacations, major holidays, industry production schedules, etc. The cumulative effects of these events are often large. For example, on average over the year, they explain about 90 percent of the month-to-month variance in the unemployment figures. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally-adjusted data to interpret short-term economic developments. At the beginning of each year, current seasonal adjustment factors for unemployment and other labor force series are calculated taking into account the prior year's experience, and revised data are introduced in the release containing January data.

All seasonally-adjusted civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of four seasonally-adjusted age-sex components) by the civilian labor force (the sum of 12 seasonally-adjusted age-sex components). Several alternative methods for seasonally adjusting the overall unemployment rate are also used on a regular basis in order to illustrate the degree of uncertainty that arises because of the seasonal adjustment procedure. Among these alternative methods are five different age-sex adjustments,

including a concurrent adjustment and one based on stable factors and four based on other unemployment aggregations. Alternative rates for 1976 are shown in the table at the end of this note. (Current alternative rates and an explanation of the methods may be obtained from BLS upon request.)

For establishment data, the seasonally-adjusted series for all employees, production workers, average weekly hours, and average hourly earnings are adjusted by aggregating the seasonally-adjusted data from the respective component series. These data are revised annually, usually in conjunction with the annual benchmark adjustments (comprehensive counts of employment).

Sampling variability

Both the household and establishment survey statistics are subject to sampling error, which should be taken into account in evaluating the levels of a series as well as changes over time. Because the household survey is based upon a probability sample, the results may differ from the figures that would be obtained if it were possible to take a complete census using the same questionnaire and procedures. The standard error is the measure of sampling variability, that is, the variations that might occur by chance because only a

sample of the population is surveyed. Tables A-E in the "Explanatory Notes" of *Employment and Earnings* provide standard errors for unemployment and other labor force categories.

Although the relatively large size of the monthly establishment survey assures a high degree of accuracy, the estimates derived from it also may differ from the figures obtained if a complete census using the same schedules and procedures were possible. Moreover, since the estimating procedures employ the previous month's level as the base in computing the current month's level of employment (link-relative technique), sampling and response errors may accumulate over several months. To remove this accumulated error, the employment estimates are adjusted to new benchmarks, usually annually. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments. Employment estimates are currently projected from March 1974 benchmark levels. Measures of reliability for employment estimates are provided in the "Explanatory Notes" of *Employment and Earnings*, as are the actual amounts of revisions due to benchmark adjustments (tables G-L).

Unemployment rate by alternative seasonal adjustment methods

Month	Unadjusted rate	Official Adjusted Rate	Alternative age-sex procedures					Other aggregations (all multiplicative)				Direct adjustment	Composite	Range (cols. 2-13)
			All multiplicative	All additive	Year-ahead	Concurrent	Stable 1967-73	Duration	Reasons	Total	Residual			
1976	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
January	8.8	7.8	7.8	8.0	7.8	7.8	8.1	8.0	7.8	7.8	8.2	7.9	7.9	0.4
February	8.7	7.6	7.6	7.8	7.6	7.6	7.7	7.5	7.5	7.6	7.7	7.6	7.6	.3
March	8.1	7.5	7.5	7.6	7.5	7.5	7.7	7.3	7.4	7.5	7.6	7.5	7.5	.4
April	7.4	7.5	7.5	7.5	7.4	7.4	7.6	7.4	7.5	7.5	7.4	7.5	7.5	.2
May	6.7	7.3	7.4	7.2	7.2	7.2	7.5	7.2	7.4	7.5	7.2	7.5	7.3	.3
June	8.0	7.6	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.3	7.4	7.3	7.5	.3
July	7.8	7.8	7.8	7.7	7.8	7.8	7.7	7.6	7.8	7.7	7.7	7.7	7.7	.2
August	7.6	7.9	7.9	7.8	7.9	7.9	7.7	8.0	8.0	7.9	7.8	8.0	7.9	.3
September	7.4	7.8	7.8	7.7	7.8	7.8	7.6	8.0	7.9	7.8	7.8	7.8	7.8	.4
October	7.2	7.9	8.0	7.8	7.9	7.9	7.7	8.0	7.9	8.0	7.9	7.9	7.9	.3
November	7.4	8.0	8.0	7.8	8.1	8.0	7.8	8.1	8.0	8.0	7.8	8.0	8.0	.3
December	7.4	7.8	7.9	7.8	7.9	7.8	7.9	7.9	7.8	7.8	7.8	7.9	7.8	.1

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-1. Employment status of the noninstitutional population

[Numbers in thousands]

Employment status	Not seasonally adjusted			Seasonally adjusted					
	Nov. 1976	Oct. 1977	Nov. 1977	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977
TOTAL									
Total noninstitutional population ¹	157,006	159,334	159,522	157,006	158,682	158,899	159,114	159,334	159,522
Armed Forces ¹	2,149	2,134	2,132	2,149	2,135	2,137	2,131	2,134	2,132
Civilian noninstitutional population ¹	154,857	157,201	157,389	154,857	156,547	156,761	156,982	157,201	157,389
Civilian labor force	95,637	98,451	98,819	95,871	97,305	97,697	97,868	98,102	98,998
Participation rate	61.8	62.6	62.8	61.9	62.2	62.3	62.3	62.4	62.9
Employed	88,542	92,230	92,473	88,220	90,561	90,771	91,095	91,230	92,180
Employment-population ratio ²	56.4	57.9	58.0	56.2	57.1	57.1	57.3	57.3	57.8
Agriculture	3,081	3,408	3,181	3,248	3,213	3,252	3,215	3,272	3,362
Nonagricultural industries	85,460	88,822	89,292	84,972	87,348	87,519	87,880	87,958	88,818
Unemployed	7,095	6,221	6,346	7,651	6,744	6,926	6,773	6,872	6,818
Unemployment rate	7.4	6.3	6.4	8.0	6.9	7.1	6.9	7.0	6.9
Not in labor force	59,220	58,750	58,570	58,986	59,242	59,064	59,114	59,099	58,391
Men, 20 years and over									
Total noninstitutional population ¹	66,699	67,852	67,948	66,699	67,537	67,642	67,745	67,852	67,948
Civilian noninstitutional population ¹	65,001	66,161	66,257	65,001	65,845	65,947	66,056	66,161	66,257
Civilian labor force	51,844	52,910	52,890	52,066	52,494	52,588	52,457	52,844	53,033
Participation rate	79.8	80.0	79.8	80.1	79.7	79.7	79.4	79.9	80.0
Employed	48,931	50,610	50,578	48,773	49,794	49,854	49,884	50,043	50,421
Employment-population ratio ²	73.4	74.0	74.4	73.1	73.7	73.7	73.6	73.8	74.2
Agriculture	2,248	2,427	2,283	2,283	2,305	2,355	2,343	2,338	2,318
Nonagricultural industries	46,683	48,182	48,295	46,490	47,489	47,499	47,541	47,705	48,103
Unemployed	2,913	2,300	2,312	3,263	2,700	2,734	2,573	2,801	2,612
Unemployment rate	5.6	4.3	4.4	6.3	5.1	5.2	4.9	5.3	4.9
Not in labor force	13,158	13,251	13,367	12,935	13,531	13,359	13,599	13,317	13,224
Women, 20 years and over									
Total noninstitutional population ¹	73,491	74,660	74,768	73,491	74,315	74,429	74,543	74,660	74,768
Civilian noninstitutional population ¹	73,401	74,561	74,669	73,401	74,217	74,332	74,444	74,561	74,669
Civilian labor force	35,227	36,549	36,896	34,848	35,667	35,723	36,201	35,931	36,505
Participation rate	48.0	49.0	49.4	47.5	48.1	48.1	48.6	48.2	48.9
Employed	32,683	34,109	34,405	32,208	33,212	33,172	33,672	33,474	33,921
Employment-population ratio ²	44.5	45.7	46.0	43.8	44.7	44.6	45.2	44.8	45.4
Agriculture	512	617	548	553	525	515	492	541	597
Nonagricultural industries	32,172	33,493	33,857	31,650	32,687	32,657	33,180	32,933	33,324
Unemployed	2,544	2,440	2,491	2,640	2,455	2,551	2,529	2,457	2,584
Unemployment rate	7.2	6.7	6.8	7.6	6.9	7.1	7.0	6.8	7.1
Not in labor force	38,173	38,012	37,772	38,556	38,550	38,609	38,242	38,630	38,164
Both sexes, 16-19 years									
Total noninstitutional population ¹	16,816	16,822	16,806	16,816	16,830	16,828	16,825	16,822	16,806
Civilian noninstitutional population ¹	16,455	16,480	16,463	16,455	16,485	16,483	16,483	16,480	16,463
Civilian labor force	8,565	8,992	9,033	8,957	9,144	9,386	9,210	9,327	9,460
Participation rate	52.1	54.5	54.9	54.4	55.5	56.9	55.9	56.6	57.5
Employed	6,927	7,511	7,490	7,239	7,555	7,745	7,539	7,713	7,838
Employment-population ratio ²	41.2	44.6	44.6	43.0	44.9	46.0	44.8	45.9	46.6
Agriculture	321	364	350	407	383	382	380	393	447
Nonagricultural industries	6,606	7,147	7,140	6,832	7,172	7,363	7,159	7,320	7,391
Unemployed	1,638	1,480	1,543	1,718	1,589	1,641	1,671	1,614	1,622
Unemployment rate	19.1	16.5	17.1	19.2	17.4	17.5	18.1	17.3	17.1
Not in labor force	7,889	7,488	7,431	7,498	7,341	7,097	7,273	7,153	7,003
WHITE									
Total noninstitutional population ¹	138,117	139,962	140,095	138,117	139,450	139,620	139,789	139,962	140,095
Civilian noninstitutional population ¹	136,336	138,218	138,351	136,336	137,698	137,865	138,046	138,218	138,351
Civilian labor force	84,570	87,081	87,287	84,816	85,968	86,285	86,471	86,861	87,442
Participation rate	62.0	63.0	63.1	62.2	62.4	62.6	62.6	62.8	63.2
Employed	78,877	82,307	82,451	78,647	80,752	81,010	81,214	81,540	82,216
Employment-population ratio ²	57.1	58.8	58.9	56.9	57.9	58.0	58.1	58.3	58.7
Unemployed	5,693	4,774	4,836	6,169	5,216	5,275	5,257	5,321	5,226
Unemployment rate	6.7	5.5	5.5	7.3	6.1	6.1	6.1	6.1	6.0
Not in labor force	51,766	51,137	51,064	51,520	51,730	51,580	51,575	51,357	50,909
BLACK AND OTHER									
Total noninstitutional population ¹	18,889	19,372c	19,427	18,889	19,232	19,279	19,325	19,372c	19,427
Civilian noninstitutional population ¹	18,521	18,983	19,038	18,521	18,850	18,826	18,936	18,983	19,038
Civilian labor force	11,067	11,370	11,532	11,114	11,236	11,402	11,359	11,375	11,575
Participation rate	59.8	59.9	60.6	60.0	59.6	60.3	60.0	59.9	60.8
Employed	9,664	9,923	10,022	9,618	9,758	9,744	9,868	9,799	9,976
Employment-population ratio ²	51.2	51.2c	51.6	50.9	50.7	50.5	51.1	50.6c	51.4
Unemployed	1,402	1,447	1,510	1,496	1,478	1,685	1,491	1,576	1,599
Unemployment rate	12.7	12.7	13.1	13.5	13.2	14.5	13.1	13.9	13.8
Not in labor force	7,454	7,613	7,506	7,407	7,614	7,494	7,577	7,608	7,463

¹ The population and Armed Forces figures are not adjusted for seasonal variations; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

² Civilian employment as a percent of the total noninstitutional population (including Armed Forces).

C=corrected.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-2. Major unemployment indicators, seasonally adjusted

Selected categories	Number of unemployed persons (in thousands)		Unemployment rates					
	Nov. 1976	Nov. 1977	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977
CHARACTERISTICS								
Total, 16 years and over	7,651	6,818	8.0	6.9	7.1	6.9	7.0	6.9
Men, 20 years and over	3,293	2,612	6.3	5.1	5.2	4.9	5.3	4.9
Women, 20 years and over	2,640	2,584	7.6	6.9	7.1	7.0	6.8	7.1
Both sexes, 16-19 years	1,718	1,622	19.2	17.4	17.5	18.1	17.3	17.1
White, total	6,169	5,226	7.3	6.1	6.1	6.1	6.1	6.0
Men, 20 years and over	2,671	2,043	5.7	4.6	4.5	4.3	4.5	4.3
Women, 20 years and over	2,121	1,958	7.0	6.2	6.3	6.2	6.2	6.2
Both sexes, 16-19 years	1,377	1,225	17.2	14.3	14.7	15.9	14.8	14.5
Black and other, total	1,496	1,599	13.5	13.2	14.5	13.1	13.9	13.8
Men, 20 years and over	631	575	11.6	10.1	11.7	10.4	11.7	10.3
Women, 20 years and over	519	622	11.0	10.9	12.2	11.3	11.4	12.5
Both sexes, 16-19 years	346	402	36.5	40.7	40.4	37.4	37.9	39.0
Married men, spouse present	1,796	1,371	4.5	3.4	3.5	3.4	3.7	3.4
Married women, spouse present	1,592	1,491	7.2	6.6	6.6	6.4	6.3	6.6
Women who head families	420	430	9.8	9.3	10.5	10.4	9.6	9.3
Full-time workers	6,185	5,383	7.6	6.5	6.8	6.5	6.6	6.4
Part-time workers	1,469	1,429	10.5	9.2	8.9	9.5	9.7	9.6
Unemployed 15 weeks and over ¹	2,517	1,933	2.6	1.9	1.9	1.9	1.9	2.0
Labor force time lost ²	--	--	8.6	7.4	7.7	7.4	7.5	7.5
OCCUPATION³								
White-collar workers	2,165	2,059	4.7	4.0	4.2	4.2	4.1	4.3
Professional and technical	481	431	3.4	2.8	3.0	3.0	3.0	3.0
Managers and administrators, except farm	303	311	3.1	2.6	2.5	2.5	2.6	3.0
Sales workers	337	305	5.7	5.4	5.3	5.1	5.0	5.0
Clerical workers	1,044	1,012	6.3	5.4	5.8	6.0	5.7	5.7
Blue-collar workers	3,109	2,616	9.7	8.2	8.4	7.9	8.3	7.9
Craft and kindred workers	858	673	7.0	5.6	5.5	5.2	5.5	5.3
Operatives, except transport	1,269	1,112	11.3	10.1	10.0	10.2	10.2	9.7
Transport equipment operatives	290	200	8.2	7.5	7.6	5.7	6.5	5.4
Nonfarm laborers	692	631	13.5	10.7	12.6	11.1	12.2	12.3
Service workers	1,227	1,066	9.3	7.7	8.4	7.8	8.3	7.8
Farm workers	148	120	5.1	3.8	3.7	4.7	4.3	4.1
INDUSTRY³								
Nonagricultural private wage and salary workers ⁴	5,700	4,939	8.2	6.8	7.0	6.9	7.1	6.9
Construction	671	529	15.4	12.1	11.5	10.4	12.2	11.3
Manufacturing	1,735	1,473	8.2	6.7	7.0	7.2	7.0	6.8
Durable goods	966	802	7.7	6.1	6.5	6.6	6.3	6.3
Nondurable goods	769	671	8.9	7.6	7.7	8.2	8.1	7.5
Transportation and public utilities	278	243	5.7	4.7	4.9	5.0	5.0	4.7
Wholesale and retail trade	1,612	1,378	9.0	7.7	8.3	7.6	8.1	7.5
Finance and service industries	1,372	1,291	6.8	5.7	5.6	5.7	5.9	6.1
Government workers	677	710	4.3	3.9	4.4	4.0	4.1	4.4
Agricultural wage and salary workers	196	141	13.2	9.7	9.3	10.4	10.4	9.1
VETERAN STATUS								
Male Vietnam-era veterans: ⁵								
20 to 34 years	545	466	8.5	7.9	7.8	7.7	7.5	7.2
20 to 24 years	162	136	16.8	16.3	17.4	20.1	16.0	14.7
25 to 29 years	261	186	8.6	7.2	6.3	6.1	6.9	6.8
30 to 34 years	122	144	5.0	5.8	6.0	5.1	5.3	5.1
Male nonveterans:								
20 to 34 years	1,434	1,132	9.3	7.6	7.9	7.0	7.5	7.0
20 to 24 years	832	669	12.1	9.9	10.5	9.1	9.4	9.6
25 to 29 years	385	288	7.9	6.8	6.6	5.9	6.8	5.6
30 to 34 years	217	175	5.8	4.6	4.9	4.8	5.2	4.4

¹ Unemployment rate calculated as a percent of civilian labor force.² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.³ Unemployment by occupation includes all experienced unemployed persons, whereas that

by industry covers only unemployed wage and salary workers.

⁴ Includes mining, not shown separately.⁵ Vietnam-era veterans are those who served between August 5, 1964, and May 7, 1975.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-3. Selected employment indicators

[In thousands]

Selected categories	Not seasonally adjusted		Seasonally adjusted					
	Nov. 1976	Nov. 1977	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977
CHARACTERISTICS								
Total employed, 18 years and over	88,542	92,473	88,220	90,561	90,771	91,095	91,230	92,180
Men	52,544	54,590	52,643	53,900	53,958	53,966	54,266	54,715
Women	35,998	37,884	35,577	36,661	36,813	37,129	36,964	37,465
Married men, spouse present	38,123	38,716	37,895	38,434	38,316	38,358	38,386	38,485
Married women, spouse present	21,042	21,839	20,482	20,846	20,814	21,232	21,097	21,265
OCCUPATION								
White-collar workers	44,738	46,689	44,297	45,105	45,114	45,437	46,147	46,232
Professional and technical	13,900	14,224	13,597	13,863	13,720	13,777	14,054	13,918
Managers and administrators, except farm	9,569	9,995	9,491	9,583	9,688	9,777	9,951	9,916
Sales workers	5,600	5,786	5,597	5,716	5,722	5,748	5,687	5,780
Clerical workers	15,668	16,684	15,612	15,943	15,984	16,135	16,455	16,618
Blue-collar workers	29,177	30,554	29,001	30,063	30,231	30,282	30,084	30,370
Craft and kindred workers	11,412	12,100	11,353	11,887	11,931	11,974	11,827	12,040
Operatives, except transport	10,124	10,507	9,970	10,270	10,242	10,211	10,204	10,352
Transport equipment operatives	3,315	3,556	3,258	3,397	3,462	3,541	3,430	3,493
Nonfarm laborers	4,321	4,391	4,420	4,509	4,596	4,556	4,623	4,485
Service workers	12,000	12,557	12,026	12,460	12,591	12,604	12,420	12,592
Farm workers	2,627	2,674	2,743	2,743	2,778	2,676	2,783	2,795
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,178	1,283	1,285	1,271	1,331	1,350	1,402	1,401
Self-employed workers	1,609	1,589	1,627	1,561	1,604	1,566	1,584	1,607
Unpaid family workers	294	310	342	363	315	275	303	361
Nonagricultural industries:								
Wage and salary workers	79,280	82,786	78,766	80,733	80,951	81,341	81,651	82,269
Government	15,195	15,576	15,045	15,131	15,282	15,296	15,494	15,422
Private industries	64,084	67,211	63,721	65,602	65,669	66,045	66,157	66,847
Private households	1,443	1,409	1,448	1,445	1,401	1,409	1,352	1,415
Other industries	62,642	65,802	62,273	64,162	64,268	64,636	64,805	65,432
Self-employed workers	5,758	6,062	5,771	5,896	6,151	6,072	6,039	6,074
Unpaid family workers	423	443	449	523	469	504	448	471
PERSONS AT WORK ¹								
Nonagricultural industries	82,219	85,823	79,940	85,572	82,613	82,799	82,626	83,378
Full-time schedules	66,822	69,713	65,385	67,867	67,755	67,706	67,646	68,212
Part time for economic reasons	3,244	3,083	3,545	3,371	3,199	3,315	3,298	3,366
Usually work full time	1,210	1,189	1,289	1,440	1,196	1,246	1,251	1,266
Usually work part time	2,034	1,894	2,256	1,931	2,003	2,069	2,047	2,100
Part time for noneconomic reasons	12,153	13,027	11,010	11,334	11,659	11,778	11,682	11,800

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

Table A-4. Duration of unemployment

[Numbers in thousands]

Weeks of unemployment	Not seasonally adjusted		Seasonally adjusted					
	Nov. 1976	Nov. 1977	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977
DURATION								
Less than 5 weeks	2,698	2,781	2,759	2,830	2,870	2,789	2,890	2,844
5 to 14 weeks	2,355	1,997	2,494	1,969	2,338	2,236	2,208	2,115
15 weeks and over	2,042	1,568	2,517	1,834	1,808	1,866	1,862	1,933
15 to 26 weeks	899	768	1,188	917	966	940	916	1,003
27 weeks and over	1,143	800	1,329	917	842	926	946	930
Average (mean) duration, in weeks	15.0	13.3	15.5	14.1	13.5	14.2	13.8	13.8
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	38.0	43.8	35.5	42.7	40.9	40.5	41.5	41.3
5 to 14 weeks	33.2	31.5	32.1	29.7	33.3	32.4	31.7	30.7
15 weeks and over	28.8	24.7	32.4	27.6	25.8	27.1	26.8	28.0
15 to 26 weeks	12.7	17.1	15.3	13.8	13.8	13.6	13.2	14.6
27 weeks and over	16.1	12.6	17.1	13.8	12.0	13.4	13.6	13.5

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-5. Reasons for unemployment

[Numbers in thousands]

Reasons	Not seasonally adjusted		Seasonally adjusted					
	Nov. 1976	Nov. 1977	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977
NUMBER OF UNEMPLOYED								
Lost last job	3,364	2,733	3,802	3,075	3,289	3,144	3,139	3,088
On layoff	836	636	1,067	919	1,018	928	947	812
Other job losers	2,528	2,098	2,735	2,156	2,271	2,216	2,192	2,276
Left last job	876	890	858	841	910	873	886	872
Reentered labor force	2,009	1,889	2,061	1,822	1,857	1,856	1,915	1,937
Seeking first job	846	833	920	974	1,000	935	840	907
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	47.4	43.1	49.8	45.8	46.6	46.2	46.3	45.4
On layoff	11.8	10.0	14.0	13.7	14.4	13.6	14.0	11.9
Other job losers	35.6	33.1	35.8	32.1	32.2	32.5	32.3	33.5
Job leavers	12.3	14.0	11.2	12.5	12.9	12.8	13.1	12.8
Reentrants	28.3	29.8	27.0	27.1	26.3	27.3	28.2	28.5
New entrants	11.9	13.1	12.0	14.5	14.2	13.7	12.4	13.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.5	2.7	4.0	3.2	3.4	3.2	3.2	3.1
Job leavers9	.9	.9	.9	.9	.9	.9	.9
Reentrants	2.1	1.9	2.1	1.9	1.9	1.9	2.0	2.0
New entrants9	.8	1.0	1.0	1.0	1.0	.9	.9

Table A-6. Unemployment by sex and age, seasonally adjusted

Sex and age	Number of unemployed persons (In thousands)		Unemployment rates					
	Nov. 1976	Nov. 1977	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977
Total, 16 years and over	7,651	6,818	8.0	6.9	7.1	6.9	7.0	6.9
16 to 19 years	1,718	1,622	19.2	17.4	17.5	18.1	17.3	17.1
16 to 17 years	792	752	21.6	19.9	20.7	19.8	18.8	18.9
18 to 19 years	930	875	17.6	15.3	15.6	16.9	16.3	16.0
20 to 24 years	1,802	1,577	12.7	10.6	11.1	10.7	10.6	10.8
25 years and over	4,102	3,594	5.6	5.0	5.0	4.8	5.0	4.8
25 to 54 years	3,438	2,969	5.9	5.2	5.3	4.9	5.2	4.9
55 years and over	664	619	4.6	3.9	3.9	4.2	4.2	4.2
Men, 16 years and over	4,244	3,459	7.5	6.2	6.3	6.0	6.3	5.9
16 to 19 years	951	847	19.7	16.9	17.6	17.5	16.7	16.5
16 to 17 years	449	407	22.2	20.2	21.7	19.2	18.8	18.2
18 to 19 years	505	444	18.1	14.7	14.8	16.0	15.1	15.3
20 to 24 years	987	801	12.6	10.6	11.3	10.5	10.2	10.1
25 years and over	2,281	1,792	5.2	4.2	4.2	3.9	4.4	4.0
25 to 54 years	1,902	1,453	5.4	4.3	4.4	3.8	4.5	4.0
55 years and over	387	339	4.4	3.6	3.5	3.9	4.1	3.7
Women, 16 years and over	3,407	3,359	8.7	8.0	8.3	8.2	8.0	8.2
16 to 19 years	767	775	18.5	17.9	17.4	18.9	18.0	17.9
16 to 17 years	343	345	20.8	19.5	19.4	20.5	18.7	19.7
18 to 19 years	425	431	17.1	16.0	16.4	17.9	17.6	16.8
20 to 24 years	815	776	12.8	10.5	10.8	10.9	11.2	11.7
25 years and over	1,821	1,802	6.4	6.2	6.2	6.1	5.9	6.1
25 to 54 years	1,536	1,516	6.7	6.4	6.6	6.4	6.3	6.3
55 years and over	277	280	5.1	4.4	4.6	4.5	4.4	5.0

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-7. Range of unemployment measures based on varying definitions of unemployment and the labor force, seasonally adjusted

[Percent]

Measures	Quarterly averages					Monthly data		
	1976		1977			1977		
	III	IV	I	II	III	Sept.	Oct.	Nov.
U-1—Persons unemployed 15 weeks or longer as a percent of the civilian labor force	2.4	2.6	2.2	1.8	1.9	1.9	1.9	2.0
U-2—Job losers as a percent of the civilian labor force	3.9	3.9	3.4	3.1	3.2	3.2	3.2	3.1
U-3—Unemployed household heads as a percent of the household head labor force	5.3	5.3	4.8	4.4	4.5	4.5	4.6	4.3
U-4—Unemployed full-time jobseekers as a percent of the full-time labor force	7.4	7.5	6.8	6.5	6.6	6.5	6.6	6.4
U-5—Total unemployed as a percent of the civilian labor force (official measure)	7.8	7.9	7.4	7.0	7.0	6.9	7.0	6.9
U-6—Total full-time jobseekers plus ½ part-time jobseekers plus ¼ total on part time for economic reasons as a percent of the civilian labor force less ½ of the part-time labor force	9.5	9.7	9.0	8.6	8.6	8.6	8.7	8.5
U-7—Total full-time jobseekers plus ½ part-time jobseekers plus ¼ total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less ½ of the part-time labor force	10.3	10.7	9.9	9.7	9.7	N.A.	N.A.	N.A.

N.A. = Not available.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls, by industry

(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Nov. 1976	Sept. 1977	Oct. 1977 P	Nov. 1977 P	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977 P	Nov. 1977 P
TOTAL	80,943	83,146	83,678	84,065	80,127	82,407	82,474	82,763	82,905	83,217
GOODS-PRODUCING	23,781	24,960	24,912	24,846	23,484	24,412	24,305	24,360	24,438	24,534
MINING	807	862	863	865	805	833	818	856	859	863
CONTRACT CONSTRUCTION	3,742	4,157	4,175	4,099	3,609	3,913	3,893	3,892	3,924	3,953
MANUFACTURING	19,232	19,941	19,874	19,882	19,070	19,666	19,594	19,612	19,655	19,718
<i>Production workers</i>	13,839	14,401	14,349	14,354	13,688	14,145	14,078	14,091	14,141	14,200
DURABLE GOODS	11,218	11,687	11,686	11,741	11,126	11,548	11,527	11,545	11,597	11,645
<i>Production workers</i>	8,021	8,396	8,406	8,458	7,932	8,271	8,252	8,266	8,321	8,367
Ordnance and accessories	156.3	156.2	150.3	150.7	157	156	156	155	150	151
Lumber and wood products	617.0	663.4	661.1	658.8	621	640	642	648	652	663
Furniture and fixtures	498.1	519.4	524.6	525.5	492	515	508	510	517	519
Stone, clay, and glass products	640.9	672.9	671.0	673.3	636	659	656	658	658	668
Primary metal industries	1,182.8	1,215.8	1,204.8	1,205.1	1,189	1,204	1,202	1,211	1,206	1,211
Fabricated metal products	1,411.4	1,481.2	1,491.4	1,499.8	1,397	1,459	1,460	1,456	1,474	1,485
Machinery, except electrical	2,110.6	2,217.4	2,223.9	2,249.2	2,102	2,202	2,210	2,217	2,242	2,240
Electrical equipment	1,878.6	1,969.7	1,981.2	1,993.9	1,858	1,959	1,951	1,944	1,962	1,972
Transportation equipment	1,776.9	1,833.2	1,815.1	1,823.2	1,746	1,813	1,802	1,809	1,795	1,791
Instruments and related products	517.4	530.3	532.4	534.7	514	527	526	528	530	532
Miscellaneous manufacturing	427.9	427.8	429.8	426.6	414	414	414	409	411	413
NONDURABLE GOODS	8,014	8,254	8,188	8,141	7,944	8,118	8,067	8,067	8,058	8,073
<i>Production workers</i>	5,818	6,005	5,943	5,896	5,756	5,874	5,826	5,825	5,820	5,833
Food and kindred products	1,733.5	1,837.9	1,759.3	1,703.6	1,713	1,728	1,710	1,711	1,692	1,683
Tobacco manufactures	81.8	75.0	76.0	73.2	75	72	68	67	68	67
Textile mill products	964.6	991.0	991.0	993.5	962	992	982	985	987	991
Apparel and other textile products	1,293.6	1,301.7	1,304.9	1,302.4	1,278	1,292	1,286	1,285	1,284	1,287
Paper and allied products	685.8	707.6	707.1	710.8	680	705	704	702	703	705
Printing and publishing	1,093.6	1,116.3	1,119.6	1,122.4	1,089	1,114	1,114	1,116	1,116	1,118
Chemicals and allied products	1,039.9	1,063.7	1,062.5	1,065.7	1,038	1,064	1,061	1,058	1,058	1,064
Petroleum and coal products	203.7	213.7	213.4	212.5	203	210	210	210	211	212
Rubber and plastics products, nec. ..	651.9	684.9	688.7	688.7	642	683	671	671	673	679
Leather and leather products	265.1	262.5	265.6	268.3	264	258	261	262	266	267
SERVICE-PRODUCING	57,162	58,186	58,766	59,219	56,643	57,995	58,169	58,403	58,467	58,683
TRANSPORTATION AND PUBLIC UTILITIES	4,546	4,653	4,635	4,635	4,523	4,572	4,581	4,616	4,607	4,612
WHOLESALE AND RETAIL TRADE ..	18,122	18,463	18,530	18,749	17,848	18,322	18,377	18,431	18,411	18,465
WHOLESALE TRADE	4,321	4,428	4,452	4,465	4,291	4,394	4,398	4,410	4,417	4,434
RETAIL TRADE	13,801	14,035	14,078	14,284	13,557	13,928	13,979	14,021	13,994	14,031
FINANCE, INSURANCE, AND REAL ESTATE	4,368	4,554	4,566	4,578	4,381	4,506	4,524	4,545	4,571	4,592
SERVICES	14,858	15,513	15,578	15,606	14,858	15,372	15,448	15,482	15,531	15,606
GOVERNMENT	15,268	15,003	15,457	15,651	15,033	15,223	15,239	15,329	15,347	15,408
FEDERAL	2,720	2,717	2,714	2,720	2,731	2,721	2,732	2,728	2,730	2,731
STATE AND LOCAL	12,548	12,286	12,743	12,931	12,302	12,502	12,507	12,601	12,617	12,677

p=preliminary.

NOTE: The seasonally-adjusted data have been revised based on new seasonal adjustment factors.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-2. Average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry

Industry	Not seasonally adjusted				Seasonally adjusted					
	Nov. 1976	Sept. 1977	Oct. 1977 ^p	Nov. 1977 ^p	Nov. 1976	July 1977	Aug. 1977	Sept. 1977	Oct. 1977 ^p	Nov. 1977 ^p
TOTAL PRIVATE	36.1	36.2	36.2	36.0	36.2	36.1	36.0	36.0	36.2	36.1
MINING	43.6	44.7	45.0	44.8	43.3	44.8	44.2	44.3	44.5	44.5
CONTRACT CONSTRUCTION	36.8	37.1	37.6	36.4	37.3	36.9	36.5	36.4	36.8	36.9
MANUFACTURING	40.3	40.6	40.5	40.6	40.1	40.2	40.3	40.3	40.4	40.5
Overtime hours	3.2	3.7	3.6	3.5	3.1	3.4	3.3	3.3	3.5	3.5
DURABLE GOODS	40.9	41.3	41.2	41.3	40.7	40.9	40.9	41.0	41.2	41.2
Overtime hours	3.3	3.9	3.9	3.8	3.2	3.6	3.5	3.5	3.5	3.7
Ordinance and accessories	40.8	40.6	40.6	40.2	40.6	40.3	40.2	40.6	40.7	40.0
Lumber and wood products	39.9	40.4	40.5	40.2	40.3	40.4	39.6	40.0	40.2	40.6
Furniture and fixtures	38.8	39.7	40.1	40.1	38.6	38.8	39.0	39.2	39.7	39.9
Stone, clay, and glass products	41.3	41.4	41.5	41.2	41.2	41.4	41.4	41.0	41.0	41.1
Primary metal industries	40.3	41.3	41.0	41.4	40.4	41.1	41.0	40.9	41.2	41.5
Fabricated metal products	41.0	41.2	41.2	41.4	40.8	41.0	40.9	40.9	41.1	41.2
Machinery, except electrical	41.7	42.0	42.0	42.4	41.4	41.8	41.8	41.8	42.0	42.1
Electrical equipment	40.6	40.6	40.4	40.5	40.2	40.2	40.3	40.3	40.3	40.1
Transportation equipment	42.0	42.8	42.8	42.5	42.0	42.0	42.3	42.6	42.8	42.5
Instruments and related products	40.8	40.6	40.6	40.7	40.4	40.3	40.3	40.3	40.6	40.3
Miscellaneous manufacturing	39.3	39.2	39.3	39.4	38.9	38.7	38.8	39.0	39.1	39.0
NONDURABLE GOODS	39.4	39.6	39.5	39.6	39.2	39.3	39.3	39.3	39.4	39.5
Overtime hours	3.0	3.4	3.3	3.2	3.0	3.0	3.1	3.0	3.1	3.2
Food and kindred products	40.4	40.2	39.6	40.0	40.3	39.8	39.7	39.5	39.5	39.9
Tobacco manufactures	38.1	39.4	39.6	39.5	36.8	38.6	37.8	38.6	38.3	38.2
Textile mill products	40.0	40.6	40.6	40.8	39.8	40.1	40.2	40.3	40.6	40.6
Apparel and other textile products ..	35.4	35.5	35.8	35.8	35.2	35.3	35.5	35.3	35.5	35.6
Paper and allied products	42.6	43.1	42.9	42.9	42.4	42.7	42.4	42.7	42.8	42.7
Printing and publishing	37.8	38.3	38.0	38.2	37.6	37.8	37.7	38.0	37.9	38.0
Chemicals and allied products	41.8	41.8	41.6	41.8	41.7	41.7	41.8	41.7	41.6	41.7
Petroleum and coal products	42.3	43.4	43.7	43.4	42.0	42.8	43.0	42.8	43.3	43.1
Rubber and plastics products, nec ...	41.4	41.0	41.0	40.8	41.2	40.6	40.8	40.7	40.9	40.6
Leather and leather products	36.5	37.3	37.5	37.9	36.4	36.8	37.3	37.6	37.6	37.8
TRANSPORTATION AND PUBLIC UTILITIES	40.2	40.1	40.1	40.1	40.2	39.9	40.0	39.9	39.9	40.1
WHOLESALE AND RETAIL TRADE	33.2	33.3	33.3	32.9	33.4	33.3	33.2	33.2	33.5	33.1
WHOLESALE TRADE	38.7	38.9	39.1	38.9	38.7	38.8	38.8	38.8	39.1	38.9
RETAIL TRADE	31.6	31.6	31.6	31.1	31.9	31.7	31.6	31.6	31.9	31.4
FINANCE, INSURANCE, AND REAL ESTATE	36.6	36.5	36.7	36.5	36.7	36.6	36.7	36.6	36.7	36.6
SERVICES	33.4	33.2	33.3	33.2	33.5	33.2	33.2	33.2	33.4	33.3

¹ Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. These groups account for approximately four-fifths of the total employment on private nonagricultural payrolls.
p=preliminary.

NOTE: The seasonally-adjusted data have been revised based on new seasonal adjustment factors.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-3. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry

Industry	Average hourly earnings				Average weekly earnings			
	Nov. 1976	Sept. 1977	Oct. 1977 ^P	Nov. 1977 ^P	Nov. 1976	Sept. 1977	Oct. 1977 ^P	Nov. 1977 ^P
TOTAL PRIVATE	\$5.00	\$5.36	\$5.40	\$5.40	\$180.50	\$194.03	\$195.48	\$194.40
<i>Seasonally adjusted</i>	5.00	5.32	5.37	5.39	181.00	191.52	194.39	194.58
MINING	6.62	7.05	7.07	7.09	288.63	315.14	318.15	317.63
CONTRACT CONSTRUCTION	7.86	8.20	8.24	8.21	289.25	304.22	309.82	298.84
MANUFACTURING	5.34	5.75	5.78	5.81	215.20	233.45	234.09	235.89
DURABLE GOODS	5.68	6.14	6.18	6.21	232.31	253.58	254.62	256.47
Ordnance and accessories	5.98	6.37	6.33	6.44	243.98	258.62	257.00	258.89
Lumber and wood products	4.86	5.22	5.23	5.21	193.91	210.89	211.82	209.44
Furniture and fixtures	4.07	4.39	4.39	4.41	157.92	174.28	176.04	176.84
Stone, clay, and glass products	5.45	5.87	5.90	5.92	225.09	243.02	244.85	243.90
Primary metal industries	6.94	7.70	7.68	7.72	279.68	318.01	314.88	319.61
Fabricated metal products	5.53	5.95	6.00	6.03	226.73	245.14	247.20	249.64
Machinery, except electrical	5.91	6.32	6.38	6.39	246.45	265.44	267.96	270.94
Electrical equipment	5.07	5.46	5.47	5.50	205.84	221.68	220.99	222.75
Transportation equipment	6.69	7.27	7.43	7.47	280.98	311.16	318.00	317.48
Instruments and related products	4.99	5.28	5.27	5.31	203.59	214.37	213.96	216.12
Miscellaneous manufacturing	4.08	4.38	4.40	4.44	160.34	171.70	172.92	174.94
NONDURABLE GOODS	4.84	5.17	5.18	5.21	190.70	204.73	204.61	206.32
Food and kindred products	5.09	5.42	5.43	5.51	205.64	217.88	215.03	220.40
Tobacco manufactures	4.87	5.37	5.31	5.41	185.55	211.58	210.28	213.70
Textile mill products	3.81	4.08	4.08	4.09	152.40	165.65	165.65	166.87
Apparel and other textile products	3.50	3.68	3.69	3.70	123.90	130.64	132.10	132.46
Paper and allied products	5.62	6.07	6.10	6.08	239.41	261.62	261.69	260.83
Printing and publishing	5.82	6.21	6.23	6.26	220.00	237.84	236.74	239.13
Chemicals and allied products	6.09	6.52	6.57	6.59	254.56	272.54	273.31	275.46
Petroleum and coal products	7.26	7.79	7.82	7.86	307.10	338.09	341.73	341.12
Rubber and plastics products, nec	4.94	5.18	5.20	5.21	204.52	212.38	213.20	212.57
Leather and leather products	3.50	3.67	3.68	3.72	127.75	136.89	138.00	140.99
TRANSPORTATION AND PUBLIC UTILITIES	6.65	7.10	7.13	7.18	267.33	284.71	285.91	287.92
WHOLESALE AND RETAIL TRADE	4.08	4.34	4.37	4.37	135.46	144.52	145.52	143.77
WHOLESALE TRADE	5.31	5.63	5.68	5.67	205.50	219.01	222.09	220.56
RETAIL TRADE	3.65	3.88	3.91	3.90	115.34	122.61	123.56	121.29
FINANCE, INSURANCE, AND REAL ESTATE	4.40	4.65	4.72	4.70	161.04	169.73	173.22	171.55
SERVICES	4.49	4.80	4.84	4.85	149.97	159.36	161.17	161.02

¹ See footnote 1, table B-2.

p=preliminary.

NOTE: The seasonally-adjusted data have been revised based on new seasonal adjustment factors.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-5. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry, seasonally adjusted

[1967 = 100]

Industry division and group	1976		1977										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
TOTAL	112.8	113.3	112.3	114.2	115.0	115.4	115.9	115.8	115.8	115.6	115.9	116.8	116.9
GOODS-PRODUCING	97.1	97.0	95.2	98.6	100.1	100.8	101.4	101.8	101.4	100.6	100.9	101.8	102.4
MINING	132.6	133.7	131.3	134.3	140.6	141.6	140.6	142.3	139.9	134.7	142.5	143.6	144.3
CONTRACT CONSTRUCTION	104.9	104.0	95.9	105.8	108.7	111.7	112.4	111.8	112.8	110.8	110.4	112.7	113.9
MANUFACTURING	94.5	94.5	93.9	96.1	97.2	97.5	98.1	98.7	98.0	97.6	97.8	98.5	99.0
DURABLE GOODS	93.8	93.7	93.2	95.2	96.8	96.9	97.8	98.7	98.3	98.1	98.4	99.5	100.0
Ordnance and accessories	39.1	39.4	39.1	39.3	39.2	40.1	40.7	41.0	40.5	39.3	39.1	37.5	36.9
Lumber and wood products	101.2	101.9	101.4	103.0	103.6	103.5	104.1	104.0	105.3	104.0	106.0	106.9	110.3
Furniture and fixtures	103.0	103.3	98.7	103.2	105.3	106.1	107.1	107.9	108.4	107.2	108.3	111.2	112.6
Stone, clay, and glass products	100.2	99.3	96.6	97.4	101.7	103.9	104.2	105.4	104.9	104.1	103.3	103.3	105.3
Primary metal industries	86.2	85.4	85.2	85.9	88.6	89.7	90.7	90.9	89.0	88.2	89.0	89.4	90.4
Fabricated metal products	98.3	98.3	97.3	100.3	101.7	101.3	102.8	104.2	103.7	103.3	103.1	105.1	106.4
Machinery, except electrical	96.2	96.0	95.2	97.9	98.7	98.8	100.2	101.6	103.2	103.5	103.6	105.5	105.6
Electrical equipment and supplies	93.0	93.3	91.9	95.6	96.1	96.3	97.2	97.9	98.3	98.3	97.8	98.8	99.3
Transportation equipment	91.4	90.8	93.4	92.9	96.4	94.7	95.3	96.5	94.8	95.4	96.5	97.1	95.8
Instruments and related products	108.8	110.4	108.7	112.7	111.6	111.7	112.3	113.2	111.7	111.3	112.4	113.6	113.1
Miscellaneous manufacturing, Ind.	91.9	93.0	92.5	96.5	95.5	95.0	94.7	94.6	91.4	91.3	90.3	91.1	91.5
NONDURABLE GOODS	95.6	95.7	94.9	97.3	97.7	98.5	98.5	98.7	97.7	96.9	96.9	97.1	97.5
Food and kindred products	96.6	95.8	94.9	97.5	97.8	98.5	97.3	97.3	95.9	94.5	94.1	92.7	92.9
Tobacco manufactures	80.1	81.6	76.1	82.4	75.1	80.5	78.2	80.2	77.2	71.7	73.2	74.0	71.1
Textile mill products	96.0	96.6	96.7	98.1	99.4	99.6	100.2	99.7	99.9	98.9	99.4	100.5	101.0
Apparel and other textile products	86.5	86.3	84.1	87.9	88.1	87.7	88.6	89.8	87.6	87.8	87.2	87.7	88.1
Paper and allied products	97.2	97.2	96.2	98.2	98.6	100.8	100.4	101.1	100.3	99.4	99.7	100.4	100.7
Printing and publishing	93.6	93.7	93.4	94.6	94.5	95.2	95.1	95.3	95.6	95.1	95.7	95.7	96.3
Chemicals and allied products	100.1	100.1	100.7	101.6	102.2	102.9	103.3	103.8	103.7	103.4	103.0	102.6	103.5
Petroleum and coal products	113.4	114.4	115.0	114.4	118.4	119.6	119.3	121.6	119.9	120.4	120.8	123.1	124.2
Rubber and plastics products, nec	125.7	127.8	128.0	131.8	132.9	134.8	135.3	133.9	132.5	129.7	129.3	130.5	130.5
Leather and leather products	70.7	70.7	69.1	72.1	71.8	73.4	73.3	72.9	69.9	71.8	72.7	73.6	74.4
SERVICE-PRODUCING	123.7	124.7	124.1	125.0	125.3	125.5	125.9	125.6	125.8	125.1	126.4	127.2	126.9
TRANSPORTATION AND PUBLIC UTILITIES	103.3	104.9	102.7	104.4	104.1	103.8	104.6	104.1	103.1	103.5	103.9	103.4	104.3
WHOLESALE AND RETAIL TRADE	119.1	120.3	119.4	120.3	120.7	121.0	121.4	121.2	121.6	121.6	121.8	122.7	121.4
WHOLESALE TRADE	114.8	114.8	115.4	117.1	116.9	117.3	117.3	117.3	117.5	117.5	117.8	118.7	118.7
RETAIL TRADE	120.7	122.3	120.8	121.6	122.1	122.4	123.0	122.7	123.1	123.1	123.3	124.1	122.4
FINANCE, INSURANCE, AND REAL ESTATE	129.1	129.6	130.1	130.2	131.0	131.0	131.6	131.7	132.3	132.7	133.2	134.2	134.5
SERVICES	137.7	138.3	138.8	139.3	139.8	140.1	140.3	139.6	140.1	140.6	140.9	142.2	142.6

¹ See footnote 1, table B-2.

p=preliminary.

NOTE: The seasonally-adjusted data have been revised based on new seasonal adjustment factors.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-6. Indexes of diffusion: Percent of industries in which employment¹ increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1975				
January	15.1	12.8	12.8	16.6
February	15.7	12.8	11.9	17.4
March	25.6	18.6	17.7	17.7
April	39.0	32.3	28.2	20.6
May	51.2	43.9	41.6	27.0
June	40.7	52.3	56.7	40.7
July	58.1	57.0	67.2	50.6
August	73.0	76.2	70.1	63.1
September	80.8	81.7	75.3	72.4
October	66.9	74.1	82.3	77.3
November	62.2	72.4	83.4	80.2
December	74.1	74.7	81.7	82.6
1976				
January	78.5	82.0	83.1	86.0
February	77.9	84.3	81.7	84.6
March	74.1	85.2	79.9	81.1
April	79.4	77.9	79.4	74.4
May	66.6	71.5	70.9	79.7
June	54.1	61.0	68.6	79.1
July	57.3	52.9	57.0	74.1
August	47.1	62.5	57.3	74.7
September	69.8	56.7	63.7	78.5
October	42.4	62.8	69.8	76.5
November	69.5	58.7	73.5	75.0
December	73.0	79.9	78.5	74.7
1977				
January	75.0	79.7	89.0	75.9
February	73.5	86.0	86.6	75.6
March	82.3	85.8	83.1	78.2
April	77.6	84.0	80.5	78.2p
May	68.6	73.3	71.5	80.1p
June	63.7	70.1	68.0	
July	65.7	56.1	68.6p	
August	50.0	62.5	71.9p	
September	61.3	59.3p		
October	60.8p	70.8p		
November	69.9p			
December				
1978				
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

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

NOTE: The seasonally-adjusted data have been revised based on new seasonal adjustment factors.