

News

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of Labor



Bureau of Labor Statistics

Washington, D.C. 20212

Contact: J. Bregger (202) 523-1944
523-1371
K. Hoyle (202) 523-1913
523-1208
home: 333-1384

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THE EMPLOYMENT SITUATION: JUNE 1977

Both employment and unemployment increased in June, it was reported today by the Bureau of Labor Statistics of the U. S. Department of Labor. The overall rate of unemployment was 7.1 percent, up slightly from the 6.9-percent rate in May but still below the levels prevailing early in the year.

Total employment--as measured by the monthly survey of households--continued to expand markedly, with an increase of 270,000 in June to 90.7 million. Employment has advanced by 2.9 million over the past 8 months; this strong growth brought the employment-population ratio close to the record highs of early 1974.

Nonagricultural payroll employment--as measured by the monthly survey of establishments--increased by 135,000 in June to 82.1 million. Although not as large as household survey employment gains, establishment survey job growth has also been substantial since October--2.2 million.

Unemployment

After adjustment for seasonality, unemployment rose by 210,000 in June to ^{2.0}~~1.9~~ million. The overall unemployment rate edged up from 6.9 percent in May to 7.1 percent in June, after declining almost continuously from the 1976 high of 8.0 percent recorded in November. Most of the June increase took place among adult women, whose jobless rate rose from 6.6 to 7.2 percent; this returned their rate to the February-March levels. There was also a small increase in joblessness among teenagers, likewise a return to levels prevailing earlier this year. The unemployment rate for adult men, on the other hand, declined from 5.3 percent in May to 5.0 percent, the same as the April rate. Whereas unemployment rates for the three major age-sex groups posted over-the-month movements, the rates for full-time workers and job losers held about steady at levels that were a full percentage point below those at the end of 1976. (See tables A-1 and A-2.)

The number of persons looking for work for 15 or more weeks--the long-term unemployed--dropped by 100,000 to 1.7 million in June. Their number has been reduced by 775,000 since the end of last year. In contrast, there was a sizeable May-June increase in the number of those unemployed for less than 5 weeks (275,000). The average (mean) duration of unemployment moved down from 14.9 to 14.4 weeks over the month, about the same as the April level and 2-½ weeks lower than a year ago. (See table A-4.)

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

Selected categories	Quarterly averages					Monthly data		
	1976			1977		1977		
	II	III	IV	I	II	Apr.	May	June
HOUSEHOLD DATA								
Thousands of persons								
Civilian labor force	94,544	95,261	95,711	96,067	97,186	96,760	97,158	97,641
Total employment	87,501	87,804	88,133	88,998	90,370	90,023	90,408	90,679
Unemployment	7,043	7,457	7,578	7,068	6,816	6,737	6,750	6,962
Not in labor force	59,032	58,963	59,132	59,379	58,908	59,094	58,943	58,686
Discouraged workers	903	827	992	929	1,061	N.A.	N.A.	N.A.
Percent of labor force								
Unemployment rates:								
All workers	7.4	7.8	7.9	7.4	7.0	7.0	6.9	7.1
Adult men	5.7	6.0	6.2	5.6	5.1	5.0	5.3	5.0
Adult women	7.1	7.7	7.6	7.1	6.9	7.0	6.6	7.2
Teenagers	18.8	18.8	19.1	18.6	18.1	17.8	17.9	18.6
White	6.8	7.1	7.2	6.7	6.3	6.3	6.2	6.3
Black and other	12.9	13.1	13.4	12.8	12.8	12.3	12.9	13.2
Household heads	4.9	5.3	5.3	4.8	4.4	4.4	4.5	4.3
Full-time workers	7.0	7.4	7.5	6.8	6.5	6.5	6.5	6.5
ESTABLISHMENT DATA								
Thousands of jobs								
Nonfarm payroll employment ...	79,333	79,683	80,090	80,927	81,887p	81,686	81,921p	82,056p
Goods-producing industries ...	23,380	23,372	23,440	23,765	24,286p	24,217	24,310p	24,332p
Service-producing industries ...	55,953	56,311	56,650	57,162	57,601p	57,469	57,611p	57,724p
Hours of work								
Average weekly hours:								
Total private nonfarm	36.2	36.1	36.2	36.1	36.2p	36.2	36.3p	36.2p
Manufacturing	40.0	39.9	40.0	40.1	40.4p	40.3	40.4p	40.5p
Manufacturing overtime	3.0	3.0	3.1	3.3	3.4p	3.4	3.4p	3.4p

p=preliminary.

N.A.=not available.

Total Employment and the Labor Force

Total employment rose for the eighth consecutive month, increasing by 270,000 in June to 90.7 million, seasonally adjusted. Adult men and teenagers accounted for the over-the-month gain, which took place entirely among workers in nonagricultural industries (See table A-1.) Employment has advanced by 3.2 million over the past 12 months, more than 70 percent of which has occurred in 1977.

The employment-population ratio--the proportion of the total noninstitutional population that is employed--sustained its recent steady rise and, at 57.2 percent, was just 0.2 percentage point below the alltime high last reached in March 1974.

As usually occurs at this time of year, the civilian labor force rose markedly from May to June. The increase this June was greater than normal, and, after adjustment for seasonality, there was a gain of 480,000 in the labor force to 97.6 million. Since last June, the labor force has grown by 2.9 million, a particularly large over-the-year gain; adult women accounted for 1.4 million of the increase, while the adult male labor force rose by 1.0 million.

The civilian labor force participation rate--the proportion of the civilian noninstitutional population either working or seeking work--rose to a new high of 62.5 percent in June, nearly a full percentage point above the year-earlier level. (See table A-1.)

Discouraged Workers

Discouraged workers are persons who report that they want work but are not looking for jobs because they believe they cannot find any. Because they do not meet the labor market test--that is, they are not engaged in active job search--they are classified as not in the labor force rather than as unemployed. These data are published on a quarterly basis.

While movements in discouraged workers generally parallel those in unemployment, there was a rise of 130,000 in their number in the second quarter at the same time that unemployment declined by 250,000. At nearly 1.1 million, the discouraged total was the highest since the third quarter of 1975. About 730,000 (or nearly 70 percent) of them indicated job-market factors as their reason for not seeking work, an increase of 80,000 over the quarter. (See table A-8.)

Industry Payroll Employment

Total nonagricultural payroll employment increased by 135,000 in June to 82.1 million, seasonally adjusted. Over-the-month employment gains took place in 52 percent of the industries that comprise the BLS diffusion index of nonagricultural payroll employment. (See tables B-1 and B-6.)

Paralleling the developments in total employment (household data), the number of payroll jobs has risen for 8 consecutive months. Payroll employment has grown by 2.7 million over the past year, with nearly two-thirds of the increase occurring since December.

The largest May-June increase was in services, where employment rose by 75,000; this was in marked contrast to developments of the prior 3 months, when manufacturing was the largest single contributor to the employment growth. There were also over-the-month gains in government and contract construction. Manufacturing employment, which had shown strong gains since last October, edged down in June. All of the decline occurred in the non-durable goods sector, primarily in food processing.

Hours

The average workweek for production or nonsupervisory workers on private nonagricultural payrolls edged down 0.1 hour to 36.2 hours in June, seasonally adjusted. (See table B-2.) With the exception of last January's weather-induced decline in average hours, the workweek has remained at the 36.2-36.3 level since last November. The manufacturing workweek increased slightly in June, while factory overtime remained at 3.4 hours; both were up by half an hour since October.

The index of aggregate hours of production or nonsupervisory workers on nonagricultural payrolls declined by 0.3 percent in June to 115.7 (1967=100). Despite the drop, the index was 3.7 percent above the year-ago level. The manufacturing index moved up 0.2 percent in June to 98.6 and was up 4.2 percent over the past year. (See table B-5.)

Hourly and Weekly Earnings

Both average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls were little changed in June on a seasonally-adjusted

basis. Hourly and weekly earnings were, respectively, 7.4 and 7.7 percent higher than a year earlier.

Before adjustment for seasonality, average hourly earnings were \$5.20 in June, up 1 cent from May and 35 cents from a year earlier. Average weekly earnings were \$189.28, an increase of \$1.92 over the month and \$12.74 from the June 1976 level. (See table B-3.)

The Hourly Earnings Index

The Hourly Earnings Index--earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries--was 196.9 (1967=100) in June, 0.3 percent higher than in May. The index was 6.8 percent above June a year ago. During the 12-month period ended in May, the Hourly Earnings Index in dollars of constant purchasing power rose 0.1 percent. (See table B-4.)

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	Unad- justed rate	Official Ad- justed Rate	Alternative age-sex procedures					Other aggregations (all multiplicative)				Direct adjust- ment	Compo- site	Range (cols. 2-13)
			All multipli- cative	All addi- tive	Year- ahead	Con- current	Stable 1967-73	Dura- tion	Rea- sons	Total	Resid- ual			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1976														
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					
	June 1976	May 1977	June 1977	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977
TOTAL									
Total noninstitutional population ¹	155,925	158,228	158,456	155,925	157,584	157,782	157,986	158,228	158,456
Armed Forces ¹	2,137	2,128	2,129	2,137	2,137	2,138	2,132	2,128	2,129
Civilian noninstitutional population ¹	153,788	156,101	156,327	153,788	155,447	155,643	155,854	156,101	156,327
Civilian labor force	96,114	96,193	99,135	94,704	96,145	96,539	96,760	97,158	97,641
Participation rate	62.5	61.6	63.4	61.6	61.9	62.0	62.1	62.2	62.5
Employed	88,460	90,042	91,682	87,533	88,962	89,475	90,023	90,408	90,679
Employment-population ratio ²	56.7	56.9	57.9	56.1	56.5	56.7	57.0	57.1	57.2
Agriculture	3,780	3,478	3,820	3,313	3,090	3,116	3,260	3,386	3,338
Nonagricultural industries	84,680	86,564	87,862	84,220	85,872	86,359	86,763	87,022	87,341
Unemployed	7,655	6,151	7,453	7,171	7,183	7,064	6,737	6,750	6,962
Unemployment rate	8.0	6.4	7.5	7.6	7.5	7.3	7.0	6.9	7.1
Not in labor force	57,674	59,907	57,192	59,084	59,302	59,104	59,094	58,943	58,686
Men, 20 years and over									
Total noninstitutional population ¹	66,182	67,324	67,431	66,182	67,025	67,114	67,209	67,324	67,431
Civilian noninstitutional population ¹	64,492	65,641	65,743	64,492	65,342	65,423	65,522	65,641	65,743
Civilian labor force	51,851	52,062	52,885	51,492	52,092	52,061	52,089	52,282	52,497
Participation rate	80.4	79.3	80.4	79.8	79.7	79.6	79.5	79.6	79.9
Employed	48,871	49,487	50,308	48,443	49,091	49,267	49,465	49,531	49,859
Employment-population ratio ²	73.8	73.5	74.6	73.2	73.2	73.4	73.6	73.9	73.9
Agriculture	2,588	2,423	2,536	2,422	2,230	2,208	2,280	2,373	2,372
Nonagricultural industries	46,283	47,064	47,772	46,021	46,861	47,059	47,185	47,158	47,487
Unemployed	2,980	2,575	2,577	3,049	3,001	2,794	2,624	2,751	2,638
Unemployment rate	5.7	4.9	4.9	5.9	5.8	5.4	5.0	5.3	5.0
Not in labor force	12,641	13,579	12,858	13,000	13,250	13,362	13,433	13,359	13,246
Women, 20 years and over									
Total noninstitutional population ¹	72,944	74,081	74,198	72,944	73,746	73,852	73,958	74,081	74,198
Civilian noninstitutional population ¹	72,857	73,987	74,101	72,857	73,654	73,757	73,863	73,987	74,101
Civilian labor force	33,857	35,478	35,263	34,278	34,982	35,295	35,455	35,634	35,675
Participation rate	46.5	48.0	47.6	47.0	47.5	47.9	48.0	48.2	48.1
Employed	31,429	33,299	32,755	31,801	32,477	32,750	32,985	33,288	33,116
Employment-population ratio ²	43.1	44.9	44.1	43.6	44.0	44.3	44.6	44.9	44.6
Agriculture	596	641	690	487	485	496	577	597	564
Nonagricultural industries	30,833	32,658	32,064	31,314	31,992	32,254	32,408	32,691	32,552
Unemployed	2,428	2,179	2,508	2,477	2,505	2,545	2,470	2,346	2,559
Unemployment rate	7.2	6.1	7.1	7.2	7.2	7.2	7.0	6.6	7.2
Not in labor force	39,000	38,509	38,838	38,576	38,672	38,462	38,408	38,353	38,426
Both sexes, 16-19 years									
Total noninstitutional population ¹	16,799	16,823	16,827	16,799	16,813	16,816	16,819	16,823	16,827
Civilian noninstitutional population ¹	16,439	16,473	16,483	16,439	16,451	16,464	16,468	16,473	16,483
Civilian labor force	10,407	8,653	10,987	8,934	9,071	9,183	9,216	9,242	9,469
Participation rate	63.3	52.5	66.7	54.3	55.1	55.8	56.0	56.1	57.4
Employed	8,160	7,256	8,620	7,289	7,394	7,458	7,573	7,589	7,704
Employment-population ratio ²	48.6	43.1	51.2	43.4	44.0	44.4	45.0	45.1	45.8
Agriculture	596	414	594	404	375	412	403	416	402
Nonagricultural industries	7,564	6,842	8,025	6,885	7,019	7,046	7,170	7,173	7,302
Unemployed	2,247	1,397	2,367	1,645	1,677	1,725	1,643	1,653	1,765
Unemployment rate	21.6	16.1	21.5	18.4	18.5	18.8	17.8	17.9	18.6
Not in labor force	6,032	7,820	5,495	7,505	7,380	7,281	7,252	7,231	7,014
WHITE									
Total noninstitutional population ¹	137,251	139,089	139,270	137,251	138,575	138,732	138,894	139,089	139,270
Civilian noninstitutional population ¹	135,473	137,337	137,522	135,473	136,810	136,972	137,139	137,337	137,522
Civilian labor force	85,005	85,214	87,530	83,796	85,086	85,482	85,642	85,937	86,268
Participation rate	62.7	62.0	63.6	61.9	62.2	62.4	62.4	62.6	62.7
Employed	78,987	80,373	81,749	78,091	79,365	79,832	80,249	80,603	80,813
Employment-population ratio ²	57.5	57.8	58.7	56.9	57.3	57.5	57.8	58.0	58.0
Unemployed	6,018	4,841	5,781	5,705	5,721	5,650	5,393	5,334	5,455
Unemployment rate	7.1	5.7	6.6	6.8	6.7	6.6	6.3	6.2	6.3
Not in labor force	50,468	52,123	49,992	51,677	51,724	51,490	51,497	51,400	51,254
BLACK AND OTHER									
Total noninstitutional population ¹	18,674	19,140	19,186	18,674	19,009	19,050	19,091	19,140	19,186
Civilian noninstitutional population ¹	18,315	18,763	18,805	18,315	18,637	18,672	18,714	18,763	18,805
Civilian labor force	11,110	10,979	11,605	10,844	11,163	11,104	11,071	11,171	11,325
Participation rate	60.7	58.5	61.7	59.2	59.9	59.5	59.2	59.5	60.2
Employed	9,473	9,669	9,933	9,388	9,697	9,690	9,711	9,730	9,833
Employment-population ratio ²	50.7	50.5	51.8	50.3	51.0	50.9	50.9	50.8	51.3
Unemployed	1,637	1,310	1,671	1,456	1,466	1,414	1,360	1,441	1,492
Unemployment rate	14.7	11.9	14.4	13.4	13.1	12.7	12.3	12.9	13.2
Not in labor force	7,206	7,784	7,200	7,471	7,474	7,568	7,643	7,592	7,480

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).

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-2. Major unemployment indicators, seasonally adjusted

Selected categories	Number of unemployed persons (In thousands)		Unemployment rates					
	June 1976	June 1977	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977
Total, 16 years and over	7,171	6,962	7.6	7.5	7.3	7.0	6.9	7.1
Men, 20 years and over	3,049	2,638	5.9	5.8	5.4	5.0	5.3	5.0
Women, 20 years and over	2,477	2,559	7.2	7.2	7.2	7.0	6.6	7.2
Both sexes, 16-19 years	1,645	1,765	18.4	18.5	18.8	17.8	17.9	18.6
White, total	5,705	5,455	6.2	6.7	6.6	6.3	6.2	6.3
Men, 20 years and over	2,477	2,111	5.4	5.2	4.9	4.6	4.7	4.5
Women, 20 years and over	1,946	1,984	6.6	6.4	6.5	6.1	5.9	6.4
Both sexes, 16-19 years	1,282	1,360	16.0	16.3	16.6	16.1	15.7	16.1
Black and other, total	1,456	1,492	13.4	13.1	12.7	12.3	12.9	13.2
Men, 20 years and over	582	533	10.8	9.9	9.4	8.5	9.9	9.6
Women, 20 years and over	526	569	11.4	12.4	11.6	12.3	11.8	11.9
Both sexes, 16-19 years	348	390	40.0	37.2	40.1	36.2	38.7	39.4
Household heads, total	2,727	2,343	5.1	4.9	4.6	4.4	4.5	4.3
Men	2,134	1,724	4.7	4.5	4.2	3.9	4.0	3.8
With relatives	1,701	1,352	4.2	4.0	3.7	3.5	3.5	3.3
Without relatives	433	372	9.0	8.2	7.8	6.9	7.3	7.2
Women	605	626	7.0	7.1	7.2	7.0	6.3	6.9
With relatives	396	409	9.6	9.4	9.6	9.2	8.4	9.4
Without relatives	209	217	4.7	4.9	5.0	5.0	4.5	4.6
Married men, spouse present	1,707	1,347	4.3	4.1	3.7	3.6	3.6	3.4
Married women, spouse present	1,567	1,531	7.2	6.7	6.7	6.6	6.3	6.8
Full-time workers	5,830	5,401	7.2	6.9	6.7	6.5	6.5	6.5
Part-time workers	1,286	1,524	9.2	10.7	11.1	9.9	9.9	10.7
Unemployed 15 weeks and over ¹	2,173	1,737	2.3	2.3	2.0	1.9	1.9	1.8
Labor force time lost ²	--	--	7.9	7.9	7.8	7.4	7.5	7.5
OCCUPATION³								
White-collar workers	2,033	1,966	4.5	4.6	4.7	4.4	4.3	4.2
Professional and technical	408	419	3.0	3.3	3.1	3.2	2.9	3.0
Managers and administrators, except farm	298	265	3.1	2.8	3.4	2.9	2.8	2.7
Sales workers	304	312	5.3	5.6	5.5	5.1	5.5	5.2
Clerical workers	1,023	970	6.2	6.4	6.5	6.0	5.7	5.7
Blue-collar workers	2,973	2,552	9.3	8.7	8.3	7.8	7.9	7.7
Craft and kindred workers	854	700	7.0	6.5	6.0	4.9	5.6	5.6
Operatives, except transport	1,233	1,072	10.7	9.6	9.2	9.3	8.9	9.4
Transport equipment operatives	263	213	7.2	7.7	6.9	6.0	6.7	5.7
Nonfarm laborers	623	567	12.8	12.8	13.2	12.6	12.5	10.9
Service workers	1,130	1,139	8.6	8.4	7.9	8.1	9.0	8.2
Farm workers	123	144	4.2	6.7	5.4	4.8	4.4	4.8
INDUSTRY³								
Nonagricultural private wage and salary workers ⁴	5,338	4,871	7.8	7.6	7.4	7.0	7.1	6.9
Construction	722	592	16.3	15.2	14.2	12.0	13.0	12.6
Manufacturing	1,624	1,346	7.6	7.1	6.6	6.7	6.2	6.3
Durable goods	941	707	7.4	7.0	6.1	6.0	5.7	5.6
Non-durable goods	683	639	7.9	7.3	7.3	7.7	7.0	7.3
Transportation and public utilities	239	206	5.0	4.6	5.1	4.4	4.3	4.1
Wholesale and retail trade	1,460	1,433	8.4	8.7	8.4	7.8	8.3	7.9
Finance and service industries	1,256	1,246	6.3	6.2	6.4	6.1	6.6	6.0
Government workers	662	651	4.3	4.5	4.0	4.0	4.1	4.2
Agricultural wage and salary workers	162	170	11.0	13.4	13.2	12.3	11.5	11.0
VETERAN STATUS								
Male Vietnam-era veterans: ⁵								
20 to 34 years	537	496	8.5	7.0	6.8	7.3	7.5	7.6
20 to 24 years	183	170	19.2	15.8	17.1	14.4	13.6	18.1
25 to 29 years	238	208	7.6	6.7	6.6	7.7	7.8	7.1
30 to 34 years	116	118	5.2	3.9	3.3	4.3	5.1	4.5
Male nonveterans:								
20 to 34 years	1,191	1,090	7.9	8.6	7.9	6.8	7.2	6.9
20 to 24 years	704	616	10.6	11.6	10.4	10.1	10.2	8.9
25 to 29 years	306	317	6.5	7.3	7.0	5.7	5.4	6.3
30 to 34 years	181	157	5.0	4.8	4.3	4.2	4.1	4.0

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

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Table A-3. Selected employment indicators

[Numbers in thousands]

Selected categories	Not seasonally adjusted		Seasonally adjusted					
	June 1976	June 1977	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977
CHARACTERISTICS								
Total employed, 16 years and over	88,460	91,682	87,533	88,962	89,475	90,023	90,408	90,679
Men	53,389	55,095	52,332	53,046	53,270	53,575	53,722	53,987
Women	35,071	36,587	35,201	35,916	36,205	36,448	36,686	36,692
Household heads	51,214	52,542	51,132	51,729	51,970	52,230	52,314	52,437
Married men, spouse present	38,204	38,659	38,122	38,159	38,294	38,536	38,509	38,582
Married women, spouse present	19,910	20,394	20,334	20,756	20,963	21,076	20,962	20,831
OCCUPATION								
White-collar workers	43,221	44,422	43,583	44,451	44,495	44,851	44,766	44,798
Professional and technical	12,901	13,161	13,363	13,408	13,439	13,591	13,483	13,638
Managers and administrators, except farm	9,220	9,560	9,230	9,502	9,543	9,434	9,400	9,570
Sales workers	5,545	5,752	5,467	5,815	5,617	5,765	5,695	5,673
Clerical workers	15,555	15,949	15,523	15,726	15,896	16,061	16,188	15,917
Blue-collar workers	29,968	31,324	29,132	29,917	30,025	30,193	30,423	30,432
Craft and kindred workers	11,474	12,105	11,268	11,668	11,709	11,896	11,894	11,891
Operatives, except transport	10,360	10,482	10,257	10,351	10,574	10,394	10,530	10,378
Transport equipment operatives	3,371	3,558	3,365	3,448	3,487	3,482	3,552	3,551
Nonfarm laborers	4,764	5,179	4,242	4,450	4,255	4,421	4,447	4,612
Service workers	12,048	12,688	12,058	12,017	12,272	12,254	12,372	12,697
Farm workers	3,222	3,248	2,826	2,663	2,652	2,779	2,904	2,838
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,533	1,607	1,317	1,280	1,282	1,310	1,325	1,381
Self-employed workers	1,777	1,695	1,671	1,511	1,513	1,548	1,655	1,595
Unpaid family workers	469	519	342	338	319	366	393	378
Nonagricultural industries:								
Wage and salary workers	78,463	81,214	78,117	79,520	79,869	80,306	80,429	80,814
Government	14,537	14,602	14,899	14,913	14,923	14,960	15,075	14,961
Private industries	63,926	66,613	63,218	64,607	64,946	65,346	65,354	65,853
Private households	1,431	1,430	1,389	1,317	1,313	1,320	1,305	1,388
Other industries	62,495	65,183	61,829	63,290	63,633	64,026	64,049	64,465
Self-employed workers	5,748	6,111	5,642	5,854	5,919	5,954	6,050	5,997
Unpaid family workers	469	536	453	516	536	499	550	518
PERSONS AT WORK ¹								
Nonagricultural industries	78,688	81,067	79,331	80,837	81,330	81,005	81,771	81,618
Full-time schedules	65,184	67,462	64,858	66,144	66,659	66,436	67,219	67,126
Part time for economic reasons	3,669	3,938	3,150	3,438	3,276	3,174	3,290	3,368
Usually work full time	1,400	1,416	1,326	1,335	1,212	1,167	1,314	1,341
Usually work part time	2,269	2,522	1,824	2,103	2,064	2,007	1,976	2,027
Part time for noneconomic reasons	9,835	9,667	11,323	11,255	11,395	11,395	11,262	11,124

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					
	June 1976	June 1977	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977
DURATION								
Less than 5 weeks	3,497	3,917	2,730	2,804	3,005	3,100	2,782	3,058
5 to 14 weeks	1,861	1,699	2,215	2,107	2,098	1,857	2,093	2,023
15 weeks and over	2,297	1,836	2,173	2,182	1,923	1,816	1,836	1,737
15 to 26 weeks	905	809	902	947	777	715	800	798
27 weeks and over	1,392	1,028	1,271	1,235	1,146	1,101	1,036	939
Average (mean) duration, in weeks	15.1	12.9	16.9	14.7	14.0	14.3	14.9	14.4
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	45.7	52.6	38.4	39.5	42.8	45.8	41.5	44.9
5 to 14 weeks	24.3	22.8	31.1	29.7	29.9	27.4	31.2	29.7
15 weeks and over	30.0	24.6	30.5	30.8	27.4	26.8	27.4	25.5
15 to 26 weeks	11.8	10.9	12.7	13.4	11.1	10.6	11.9	11.7
27 weeks and over	18.2	13.8	17.9	17.4	16.3	16.3	15.4	13.8

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Table A-5. Reasons for unemployment

(Numbers in thousands)

Reasons	Not seasonally adjusted		Seasonally adjusted					
	June 1976	June 1977	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977
NUMBER OF UNEMPLOYED								
Lost last job	3,286	2,687	3,580	3,396	3,143	2,953	3,038	2,927
On layoff	845	677	1,031	1,001	865	754	749	827
Other job losers	2,441	2,011	2,549	2,395	2,278	2,199	2,289	2,100
Left last job	839	894	895	852	919	846	944	954
Reentered labor force	2,244	2,339	1,813	1,963	2,013	2,001	1,993	1,889
Seeking first job	1,286	1,532	831	936	1,003	972	893	1,077
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	42.9	36.1	50.3	47.5	44.4	43.6	44.2	42.7
On layoff	11.0	9.1	14.5	14.0	12.2	11.1	10.9	12.1
Other job losers	31.9	27.0	35.8	33.5	32.2	32.5	33.3	30.7
Job leavers	11.0	12.0	12.6	11.9	13.0	12.5	13.7	13.9
Reentrants	29.3	31.4	25.5	27.5	28.4	29.5	29.0	27.6
New entrants	16.8	20.6	11.7	13.1	14.2	14.4	13.0	15.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.4	2.7	3.8	3.5	3.3	3.1	3.1	3.0
Job leavers9	.9	.9	.9	1.0	.9	1.0	1.0
Reentrants	2.3	2.4	1.9	2.0	2.1	2.1	2.1	1.9
New entrants	1.3	1.5	.9	1.0	1.0	1.0	.9	1.1

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

Sex and age	Number of unemployed persons (in thousands)		Unemployment rates					
	June 1976	June 1977	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977
Total, 16 years and over	7,171	6,962	7.6	7.5	7.3	7.0	6.9	7.1
16 to 19 years	1,645	1,765	18.4	18.5	18.8	17.8	17.9	18.6
16 to 17 years	771	829	21.2	19.8	22.2	19.2	20.4	21.3
18 to 19 years	846	907	16.2	17.5	16.6	16.8	16.3	16.5
20 to 24 years	1,606	1,516	11.5	12.0	11.4	10.8	10.7	10.5
25 years and over	3,909	3,667	5.4	5.2	5.1	4.9	4.8	5.0
25 to 54 years	3,254	3,137	5.6	5.3	5.2	5.1	5.1	5.3
55 years and over	657	533	4.7	4.8	4.3	4.1	4.0	3.8
Men, 16 years and over	3,931	3,580	7.0	6.9	6.5	6.1	6.3	6.2
16 to 19 years	882	942	18.5	18.6	18.7	17.0	17.0	18.6
16 to 17 years	415	481	21.3	19.3	22.2	17.9	18.7	22.7
18 to 19 years	456	449	16.4	17.9	16.1	16.0	16.0	15.5
20 to 24 years	882	781	11.6	12.1	11.2	10.5	10.6	9.9
25 years and over	2,158	1,843	4.9	4.6	4.3	4.1	4.2	4.1
25 to 54 years	1,742	1,548	5.0	4.6	4.3	4.3	4.4	4.3
55 years and over	411	289	4.7	4.7	4.4	3.7	3.9	3.3
Women, 16 years and over	3,240	3,382	8.4	8.4	8.5	8.2	7.9	8.4
16 to 19 years	763	823	18.3	18.4	18.9	18.8	19.0	18.7
16 to 17 years	356	348	21.1	20.4	22.2	20.8	22.5	19.7
18 to 19 years	390	458	15.9	16.9	17.1	17.7	16.6	17.5
20 to 24 years	724	735	11.4	11.9	11.7	11.2	10.9	11.0
25 years and over	1,751	1,824	6.3	6.1	6.1	6.0	5.7	6.3
25 to 54 years	1,512	1,589	6.7	6.3	6.6	6.5	6.1	6.7
55 years and over	246	244	4.7	4.9	4.2	4.6	4.3	4.6

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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		
	II	III	IV	I	II	Apr.	May	June
U-1—Persons unemployed 15 weeks or longer as a percent of the civilian labor force	2.2	2.4	2.6	2.2	1.8	1.9	1.9	1.8
U-2—Job losers as a percent of the civilian labor force	3.7	3.9	3.9	3.4	3.1	3.1	3.1	3.0
U-3—Unemployed household heads as a percent of the household head labor force	4.9	5.3	5.3	4.8	4.4	4.4	4.5	4.3
U-4—Unemployed full-time jobseekers as a percent of the full-time labor force	7.0	7.4	7.5	6.8	6.5	6.5	6.5	6.5
U-5—Total unemployed as a percent of the civilian labor force (official measure)	7.4	7.8	7.9	7.4	7.0	7.0	6.9	7.1
U-6—Total full-time jobseekers plus ½ part-time jobseekers plus ½ total on part time for economic reasons as a percent of the civilian labor force less ½ of the part-time labor force	9.1	9.5	9.7	9.0	8.6	8.6	8.6	8.7
U-7—Total full-time jobseekers plus ½ part-time jobseekers plus ½ 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	10.0	10.3	10.7	9.9	9.7	N.A.	N.A.	N.A.

N.A., "not available."

Table A-8. Persons not in the labor force by selected characteristics, quarterly averages

[In thousands]

Characteristics	Not seasonally adjusted		Seasonally adjusted					
	II 1976	II 1977	1976				1977	
			I	II	III	IV	I	II
Total not in labor force	59,186	59,042	59,327	59,032	58,963	59,132	59,379	58,908
Do not want a job now	53,377	52,806	53,831	53,938	54,715	53,991	53,792	53,190
Want a job now	5,809	6,198	5,388	5,426	4,339	5,436	5,663	5,762
Discouraged workers	904	1,039	940	903	827	992	929	1,061
Job-market factors ¹	648	759	649	617	568	762	644	726
Personal factors ²	257	280	291	286	259	230	285	335
Men	316	316	366	308	281	341	283	316
Women	578	723	574	595	346	651	647	745
White	676	716	700	694	601	755	665	741
Black and other	229	322	233	204	226	250	280	287

¹ Job market factors include "could not find job" and "thinks no job available."² Personal factors include "employers think too young or old," "lacks education or training," and "other personal handicap."

ESTABLISHMENT DATA

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

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted					
	June 1976	Apr. 1977	May 1977 ^P	June 1977 ^P	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977 ^P	June 1977 ^P
TOTAL	80,142	81,332	82,029	82,868	79,368	80,824	81,395	81,686	81,921	82,056
GOODS-PRODUCING	23,662	23,846	24,171	24,660	23,357	23,701	24,005	24,217	24,310	24,332
MINING	795	838	843	874	781	823	842	847	844	859
CONTRACT CONSTRUCTION	3,750	3,681	3,859	4,069	3,592	3,645	3,759	3,842	3,867	3,898
MANUFACTURING	19,117	19,327	19,469	19,717	18,984	19,233	19,404	19,528	19,599	19,575
<i>Production workers</i>	13,774	13,893	14,023	14,234	13,665	13,810	13,958	14,066	14,148	14,119
DURABLE GOODS	11,162	11,348	11,446	11,591	11,059	11,230	11,370	11,423	11,473	11,483
<i>Production workers</i>	7,994	8,118	8,211	8,334	7,905	8,011	8,128	8,177	8,239	8,240
Ordnance and accessories	157.5	155.5	156.0	154.6	158	156	156	157	158	155
Lumber and wood products	622.8	626.1	637.8	661.0	601	626	633	639	638	638
Furniture and fixtures	493.8	501.0	503.8	512.1	493	497	503	507	509	511
Stone, clay, and glass products	640.8	643.6	653.5	668.3	628	620	641	651	652	655
Primary metal industries	1,215.1	1,205.4	1,218.4	1,233.8	1,200	1,178	1,199	1,208	1,217	1,218
Fabricated metal products	1,400.9	1,423.4	1,439.6	1,460.0	1,390	1,416	1,432	1,433	1,447	1,448
Machinery, except electrical	2,081.8	2,152.1	2,162.6	2,186.2	2,069	2,134	2,142	2,150	2,167	2,173
Electrical equipment	1,842.3	1,901.8	1,914.3	1,931.6	1,837	1,888	1,906	1,919	1,930	1,926
Transportation equipment	1,760.8	1,800.5	1,814.6	1,826.9	1,743	1,766	1,808	1,808	1,806	1,809
Instruments and related products	515.3	522.2	526.1	531.6	513	524	526	526	527	529
Miscellaneous manufacturing	430.8	416.5	419.3	424.5	427	425	424	425	422	421
NONDURABLE GOODS	7,955	7,979	8,023	8,126	7,925	8,003	8,034	8,105	8,126	8,092
<i>Production workers</i>	5,780	5,775	5,812	5,900	5,760	5,799	5,830	5,889	5,909	5,879
Food and kindred products	1,707.4	1,664.5	1,671.6	1,701.5	1,718	1,727	1,734	1,743	1,732	1,712
Tobacco manufactures	67.7	66.8	63.2	63.0	75	73	68	73	71	70
Textile mill products	981.3	978.4	984.5	995.7	973	964	973	981	989	987
Apparel and other textile products	1,331.0	1,286.2	1,294.4	1,311.5	1,320	1,280	1,283	1,291	1,297	1,301
Paper and allied products	684.7	689.4	695.9	709.4	678	688	688	697	703	702
Printing and publishing	1,077.8	1,100.5	1,104.2	1,109.5	1,077	1,095	1,097	1,102	1,108	1,108
Chemicals and allied products	1,036.2	1,053.2	1,056.8	1,066.2	1,029	1,050	1,051	1,060	1,063	1,059
Petroleum and coal products	205.7	206.4	209.8	213.6	202	205	207	211	210	209
Rubber and plastics products, nec. ..	580.0	667.7	673.6	682.8	577	656	666	680	685	679
Leather and leather products	282.7	266.3	268.8	272.3	276	265	267	267	268	265
SERVICE-PRODUCING	56,480	57,486	57,858	58,208	56,011	57,123	57,390	57,469	57,611	57,724
TRANSPORTATION AND PUBLIC UTILITIES	4,531	4,538	4,576	4,624	4,482	4,553	4,568	4,575	4,585	4,574
WHOLESALE AND RETAIL TRADE	17,757	18,026	18,167	18,332	17,664	18,067	18,189	18,203	18,226	18,237
WHOLESALE TRADE	4,280	4,332	4,351	4,407	4,254	4,334	4,354	4,371	4,382	4,381
RETAIL TRADE	13,477	13,694	13,816	13,925	13,410	13,733	13,835	13,832	13,844	13,856
FINANCE, INSURANCE, AND REAL ESTATE	4,344	4,450	4,477	4,538	4,301	4,431	4,453	4,463	4,481	4,493
SERVICES	14,815	15,182	15,296	15,495	14,610	15,068	15,149	15,182	15,205	15,281
GOVERNMENT	15,033	15,290	15,342	15,219	14,954	15,004	15,031	15,046	15,114	15,130
FEDERAL	2,758	2,716	2,728	2,759	2,728	2,721	2,725	2,719	2,723	2,729
STATE AND LOCAL	12,275	12,574	12,614	12,460	12,226	12,283	12,306	12,327	12,391	12,410

p=preliminary.

ESTABLISHMENT DATA

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

Industry	Not seasonally adjusted				Seasonally adjusted					
	June 1976	Apr. 1977	May 1977 ^P	June 1977 ^P	June 1976	Feb. 1977	Mar. 1977	Apr. 1977	May 1977 ^P	June 1977 ^P
TOTAL PRIVATE	36.4	36.0	36.1	36.4	36.1	36.3	36.3	36.2	36.3	36.2
MINING	42.8	43.9	43.9	44.2	42.2	43.6	44.4	44.4	43.8	43.6
CONTRACT CONSTRUCTION	37.9	37.0	37.5	37.2	37.3	37.8	37.1	37.3	37.4	36.7
MANUFACTURING	40.4	40.0	40.3	40.7	40.2	40.3	40.4	40.3	40.4	40.5
<i>Overtime hours</i>	3.2	3.1	3.3	3.5	3.2	3.3	3.3	3.4	3.4	3.4
DURABLE GOODS	41.1	40.7	41.0	41.5	40.9	40.8	41.0	40.8	41.0	41.3
<i>Overtime hours</i>	3.4	3.3	3.5	3.7	3.4	3.3	3.4	3.6	3.6	3.7
Ordnance and accessories	41.2	41.0	41.0	41.2	41.1	40.6	40.6	41.2	41.1	41.1
Lumber and wood products	40.6	40.0	40.3	40.7	39.8	40.5	40.1	40.0	40.0	39.9
Furniture and fixtures	39.0	37.9	38.4	38.8	38.6	38.1	38.6	38.4	38.7	38.4
Stone, clay, and glass products	41.7	41.4	41.9	42.2	41.4	41.4	41.4	41.7	41.8	41.9
Primary metal industries	41.3	41.4	41.4	41.7	41.2	40.6	41.1	41.5	41.5	41.6
Fabricated metal products	41.3	40.5	40.9	41.6	41.0	40.8	41.0	40.7	40.9	41.3
Machinery, except electrical	41.2	41.1	41.4	41.9	41.2	41.3	41.5	41.3	41.6	41.9
Electrical equipment	40.3	39.9	40.1	40.6	40.1	40.6	40.3	40.0	40.1	40.4
Transportation equipment	42.8	42.0	42.7	43.3	42.5	41.4	42.8	41.9	42.6	43.0
Instruments and related products	40.5	40.0	40.4	40.8	40.5	40.8	40.4	40.1	40.5	40.8
Miscellaneous manufacturing	38.7	38.9	39.1	39.4	38.5	39.5	39.3	38.9	39.1	39.2
NONDURABLE GOODS	39.4	39.1	39.3	39.7	39.3	39.6	39.5	39.5	39.5	39.6
<i>Overtime hours</i>	3.0	2.9	3.0	3.1	2.9	3.2	3.1	3.2	3.1	3.0
Food and kindred products	40.2	39.6	39.7	40.2	40.1	40.3	40.2	40.3	39.9	40.1
Tobacco manufactures	38.2	37.8	38.0	38.5	38.3	39.4	38.4	38.3	38.5	38.6
Textile mill products	40.7	40.1	40.5	40.8	40.3	40.5	40.8	40.5	40.6	40.4
Apparel and other textile products	35.9	35.0	35.4	36.0	35.8	35.7	35.6	35.1	35.6	35.9
Paper and allied products	42.6	42.8	42.7	43.2	42.4	42.7	42.8	43.3	43.0	43.0
Printing and publishing	37.5	37.4	37.5	37.7	37.5	37.9	37.7	37.7	37.6	37.7
Chemicals and allied products	41.6	41.9	41.7	41.9	41.5	41.7	41.8	41.9	41.7	41.8
Petroleum and coal products	42.2	42.7	42.6	43.1	42.0	42.5	43.0	42.7	42.6	42.9
Rubber and plastics products, nec	40.5	41.0	41.1	41.3	40.3	41.4	41.2	41.2	41.3	41.1
Leather and leather products	37.8	36.7	37.3	38.1	37.0	36.7	36.4	37.4	37.1	37.3
TRANSPORTATION AND PUBLIC UTILITIES	40.0	39.9	40.0	40.4	39.8	40.5	40.3	40.1	40.2	40.2
WHOLESALE AND RETAIL TRADE	33.8	33.1	33.2	33.6	33.5	33.4	33.5	33.5	33.5	33.2
WHOLESALE TRADE	38.9	38.7	38.8	39.0	38.8	39.1	38.9	39.0	38.8	38.9
RETAIL TRADE	32.3	31.5	31.6	32.4	31.9	31.8	31.9	31.9	31.9	31.6
FINANCE, INSURANCE, AND REAL ESTATE	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.6	36.7	36.6
SERVICES	33.6	33.3	33.3	33.5	33.4	33.6	33.5	33.5	33.5	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.

ESTABLISHMENT DATA

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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			
	June 1976	Apr. 1977	May 1977 ^P	June 1977 ^P	June 1976	Apr. 1977	May 1977 ^P	June 1977 ^P
TOTAL PRIVATE	\$ 4.85	\$ 5.15	\$ 5.19	\$ 5.20	\$ 176.54	\$ 185.40	\$ 187.36	\$ 189.28
Seasonally adjusted	4.85	5.17	5.20	5.21	175.09	187.15	188.76	188.60
MINING	6.32	6.80	6.80	6.82	270.50	298.52	298.52	301.44
CONTRACT CONSTRUCTION	7.60	7.88	7.90	7.94	288.04	291.56	296.25	295.37
MANUFACTURING	5.15	5.52	5.56	5.59	208.06	220.80	224.07	227.51
DURABLE GOODS	5.53	5.88	5.95	5.98	227.28	239.32	243.95	248.17
Ordnance and accessories	5.64	6.14	6.19	6.08	232.37	251.74	253.79	250.50
Lumber and wood products	4.76	4.94	4.99	5.00	193.26	197.60	201.10	203.50
Furniture and fixtures	3.96	4.21	4.24	4.26	154.44	159.56	162.82	165.29
Stone, clay, and glass products	5.30	5.66	5.72	5.77	221.01	234.32	239.67	243.49
Primary metal industries	6.77	7.22	7.39	7.40	279.60	298.91	305.95	308.58
Fabricated metal products	5.44	5.67	5.73	5.80	224.67	229.64	234.36	241.28
Machinery, except electrical	5.72	6.07	6.11	6.15	235.66	249.48	252.95	257.69
Electrical equipment	4.84	5.20	5.26	5.29	195.05	207.48	210.93	214.77
Transportation equipment	6.52	7.01	7.09	7.12	279.06	294.42	302.74	308.30
Instruments and related products	4.83	5.11	5.14	5.14	195.62	204.40	207.66	209.71
Miscellaneous manufacturing	3.99	4.27	4.31	4.31	154.41	166.10	168.52	169.81
NONDURABLE GOODS	4.62	4.99	4.99	5.03	182.03	195.11	196.11	199.69
Food and kindred products	4.92	5.26	5.29	5.30	197.78	208.30	210.01	213.06
Tobacco manufactures	5.23	5.59	5.58	5.68	199.79	211.30	212.04	218.68
Textile mill products	3.59	3.87	3.86	3.88	146.11	155.19	156.33	158.30
Apparel and other textile products	3.40	3.57	3.57	3.63	122.06	124.95	126.38	130.68
Paper and allied products	5.39	5.79	5.80	5.87	229.61	247.81	247.66	253.58
Printing and publishing	5.65	5.98	6.01	6.03	211.88	223.65	225.38	227.33
Chemicals and allied products	5.84	6.27	6.29	6.35	242.94	262.71	262.29	266.07
Petroleum and coal products	7.11	7.70	7.69	7.70	300.04	328.79	327.59	331.87
Rubber and plastics products, nec	4.38	5.06	5.04	5.12	177.39	207.46	207.14	211.46
Leather and leather products	3.43	3.61	3.63	3.63	129.65	132.49	135.40	138.30
TRANSPORTATION AND PUBLIC UTILITIES	6.42	6.80	6.83	6.79	256.80	271.32	273.20	274.32
WHOLESALE AND RETAIL TRADE	3.95	4.23	4.24	4.24	133.51	140.01	140.77	142.46
WHOLESALE TRADE	5.14	5.48	5.51	5.48	199.95	212.08	213.79	213.72
RETAIL TRADE	3.53	3.78	3.80	3.80	114.02	119.07	120.08	121.60
FINANCE, INSURANCE, AND REAL ESTATE	4.34	4.54	4.58	4.54	158.84	166.16	167.63	166.16
SERVICES	4.34	4.64	4.67	4.65	145.82	154.51	155.51	155.78

¹ See footnote 1, table B-2.
p=preliminary.

ESTABLISHMENT DATA

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Table B-4. Hourly earnings index for production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division, seasonally adjusted

[1967=100]

Industry	June 1976	Jan. 1977	Feb. 1977	Mar. 1977	Apr. 1977	May p 1977	June p 1977	Percent change from	
								June 1976-June 1977	May 1977-June 1977
TOTAL PRIVATE NONFARM:									
Current dollars	184.3	192.7	193.2	194.1	195.3	196.3	196.9	6.8	0.3
Constant (1967) dollars	108.3	109.7	109.0	108.8	108.6	108.5	N.A.	(2)	(3)
MINING	196.9	207.8	210.1	210.4	212.1	212.1	213.9	8.6	.8
CONTRACT CONSTRUCTION	185.8	192.4	190.8	191.6	192.6	192.3	194.5	4.7	1.1
MANUFACTURING	183.6	192.3	193.3	194.3	195.4	196.9	198.0	7.9	.6
TRANSPORTATION AND PUBLIC UTILITIES	199.0	205.1	206.2	206.7	208.6	209.1	209.5	5.3	.2
WHOLESALE AND RETAIL TRADE	177.5	186.4	187.6	188.5	189.8	190.4	190.2	7.2	-.1
FINANCE, INSURANCE, AND REAL ESTATE	169.2	176.5	175.7	175.9	177.4	179.3	177.5	4.9	-1.0
SERVICES	188.3	197.7	197.7	198.7	199.7	200.8	201.1	6.8	.1

¹ See footnote 1, table B-2.² Percent change was 0.1 from May 1976 to May 1977, the latest month available.³ Percent change was -0.1 from April 1977 to May 1977, the latest month available.

N.A. = not available.

p=preliminary.

NOTE: All series are in current dollars except where indicated. The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

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

[1967 = 100]

Industry division and group	1976							1977					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May p	June p
TOTAL	111.6	111.8	111.8	112.2	112.2	112.8	113.3	112.3	114.2	115.2	115.6	116.1	115.7
GOODS-PRODUCING	96.8	96.5	95.7	95.9	96.0	97.2	96.9	95.2	98.3	100.0	100.9	101.7	101.7
MINING	125.0	127.7	115.6	131.7	131.1	132.6	134.0	130.7	134.6	141.5	142.2	139.2	141.1
CONTRACT CONSTRUCTION	104.0	103.7	102.5	99.4	104.2	105.7	104.3	96.4	105.9	108.1	112.0	113.0	111.7
MANUFACTURING	94.6	94.2	93.9	94.0	93.2	94.5	94.4	93.8	95.7	97.1	97.5	98.4	98.6
DURABLE GOODS	93.8	93.5	93.6	93.2	92.0	93.8	93.6	93.2	94.8	96.8	96.8	98.1	98.7
Ordnance and accessories	40.7	40.0	39.8	38.6	38.5	38.5	39.5	39.0	39.1	38.5	40.8	41.3	40.7
Lumber and wood products	96.1	98.6	97.6	98.2	99.4	100.8	101.9	101.1	103.0	103.4	104.1	104.3	104.2
Furniture and fixtures	103.3	102.3	101.2	102.4	102.2	102.8	103.5	98.5	102.7	105.3	106.0	107.4	106.8
Stone, clay, and glass products	99.7	99.2	98.6	98.9	99.7	100.2	99.1	96.1	97.1	101.5	104.1	104.7	105.4
Primary metal industries	89.2	90.1	89.8	88.8	86.2	85.7	85.0	84.8	85.5	88.5	90.0	90.9	91.2
Fabricated metal products	98.4	98.0	98.6	98.6	96.5	98.1	98.1	97.6	100.0	101.6	101.0	102.7	103.8
Machinery, except electrical	94.5	95.9	95.9	95.9	94.0	96.7	96.0	95.7	97.7	98.6	98.3	100.7	101.5
Electrical equipment and supplies	91.9	90.5	92.2	91.5	92.1	93.4	93.1	91.7	95.5	95.9	96.1	97.3	97.7
Transportation equipment	92.6	90.3	90.7	89.1	86.1	91.5	90.6	93.3	91.3	96.7	94.8	96.2	97.0
Instruments and related products	109.1	110.3	108.1	107.2	107.9	108.5	110.4	108.9	112.4	111.6	111.1	112.9	114.1
Miscellaneous manufacturing, Ind.	94.7	93.1	91.8	92.2	92.0	92.1	91.6	93.1	96.8	96.0	95.1	95.3	94.9
NONDURABLE GOODS	95.8	95.2	94.2	95.2	95.0	95.4	95.5	94.7	97.1	97.6	98.5	98.8	98.5
Food and kindred products	96.8	97.0	96.5	96.4	96.2	96.6	95.5	95.1	97.5	97.9	98.8	97.0	95.9
Tobacco manufactures	83.4	82.3	84.0	82.1	83.0	81.6	81.6	76.1	83.0	75.5	80.7	75.7	75.9
Textile mill products	98.6	98.0	95.5	95.2	95.0	95.6	96.1	95.4	97.9	99.5	99.7	100.9	100.1
Apparel and other textile products	91.4	88.9	87.6	86.2	85.7	86.1	86.3	84.1	88.0	87.9	87.3	89.0	90.0
Paper and allied products	97.3	96.9	96.1	96.5	95.7	97.0	97.2	96.2	98.0	98.3	100.8	101.2	101.4
Printing and publishing	93.1	93.6	92.9	93.1	93.4	93.6	93.7	93.0	94.8	94.3	94.9	95.2	95.3
Chemicals and allied products	99.0	99.4	99.8	100.3	99.4	100.0	100.0	100.4	101.8	102.2	103.5	103.8	103.9
Petroleum and coal products	111.6	112.2	112.4	112.2	112.5	113.1	114.7	115.0	114.7	118.7	120.5	120.2	121.0
Rubber and plastics products, nec	107.0	106.2	105.2	124.3	125.6	125.7	127.6	127.7	129.6	131.7	134.7	135.8	133.6
Leather and leather products	76.0	74.7	72.5	72.1	71.0	70.4	70.5	69.1	71.9	71.9	73.9	73.6	73.1
SERVICE-PRODUCING	121.8	122.5	123.0	123.6	123.5	123.5	124.6	124.1	125.3	125.8	125.8	126.0	125.4
TRANSPORTATION AND PUBLIC UTILITIES	101.6	102.1	102.5	102.9	102.0	103.2	105.0	102.7	104.4	104.2	103.9	104.5	104.2
WHOLESALE AND RETAIL TRADE	118.1	118.9	119.0	119.7	119.3	118.9	120.0	119.1	120.7	121.5	121.7	121.7	120.7
WHOLESALE TRADE	114.1	115.3	114.7	114.9	114.8	114.8	114.8	115.4	117.0	116.9	117.8	117.5	117.4
RETAIL TRADE	119.6	120.3	120.6	121.6	121.0	120.4	122.0	120.4	122.1	123.2	123.1	123.2	122.0
FINANCE, INSURANCE, AND REAL ESTATE	126.3	126.6	127.3	127.7	128.3	129.1	129.8	130.6	130.2	131.1	131.0	131.7	131.5
SERVICES	135.0	135.4	136.6	137.2	137.6	137.7	138.4	138.8	139.7	140.0	140.1	140.2	139.8

¹ See footnote 1, table B-2.

p=preliminary.

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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
1974				
January	58.7	61.6	64.8	63.1
February	55.8	55.2	56.4	59.6
March	48.0	54.7	54.7	54.9
April	54.7	52.3	51.5	50.0
May	54.7	57.0	50.3	40.1
June	54.4	50.9	44.5	28.2
July	49.1	44.2	35.8	26.7
August	42.2	36.0	32.0	22.1
September	32.6	35.5	21.8	20.6
October	35.5	26.2	15.7	18.6
November	19.8	21.8	16.0	16.6
December	19.8	12.8	13.7	14.0
1975				
January	16.9	12.5	13.7	16.3
February	16.9	14.0	12.8	17.4
March	27.3	22.7	18.9	17.2
April	44.2	34.6	29.1	20.3
May	51.2	43.6	40.7	25.6
June	39.8	47.7	59.0	40.1
July	57.3	55.5	63.4	50.3
August	72.4	75.0	66.6	61.9
September	81.4	78.8	72.4	71.5
October	64.0	70.6	78.8	75.9
November	59.6	69.2	79.4	79.1
December	69.2	75.0	77.6	81.4
1976				
January	76.7	82.0	82.8	84.6
February	74.4	84.3	83.1	82.8
March	77.9	84.9	77.0	79.4
April	77.9	81.1	77.0	73.5
May	63.4	70.6	71.5	79.7
June	47.1	57.0	70.9	79.4
July	52.9	47.4	55.2	75.3
August	49.1	65.1	55.2	74.1
September	68.9	54.9	61.9	78.2
October	39.0	59.9	70.1	76.5
November	64.2	53.8	69.8	75.0p
December	68.3	75.9	76.7	75.3p
1977				
January	71.5	76.7	88.4	
February	61.6	84.6	87.2p	
March	79.7	86.0	84.0p	
April	79.1	82.6p		
May	65.4p	73.8p		
June	51.7p			
July				
August				
September				
October				
November				
December				

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