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THE EMPLOYMENT SITUATION: AUGUST 1987

Employment rose in August and unemployment was unchanged, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The overall unemployment rate and the civilian worker rate remained at 5.9 and 6.0 percent, respectively. Both rates have declined by 0.7 percentage point since the beginning of this year.

Total civilian employment--as measured by the monthly survey of households--rose by 355,000 in August after seasonal adjustment. Nonfarm payroll employment--as measured by the monthly survey of establishments--was up by 155,000.

Unemployment (Household Survey Data)

The number of unemployed persons was unchanged at 7.2 million in August, after seasonal adjustment, as were the jobless rates for nearly all major labor force groups. The rates for adult men (5.2 percent), adult women (5.3 percent), teenagers (16.0 percent), whites (5.1 percent), blacks (12.4 percent), and Hispanics (8.0 percent) showed little or no over-the-month change. (See tables A-2 and A-3.)

The length of unemployment was also little changed in August. The average (mean) duration of unemployment was about unchanged at 14.3 weeks, while the median duration edged down slightly to 6.4 weeks. (See table A-7.)

The number of persons employed part time for economic reasons--sometimes referred to as the partially unemployed--declined in August to 5.3 million, returning to the May-June levels. Although this figure has edged down slightly thus far in 1987, it remains relatively high by historical standards. (See table A-4.)

Civilian Employment and the Labor Force (Household Survey Data)

Civilian employment declined less than usual in August and, after seasonal adjustment, advanced by 355,000 to 113.1 million. Most of this increase occurred among teenagers. The proportion of the population that is employed rose 0.2 percentage point to a new high of 61.8 percent. (See table A-2.)

The civilian labor force increased to 120.3 million in August, after seasonal adjustment, with the labor force participation rate edging up to 65.7 percent. Over the past year, the labor force has grown by 2.1 million, with about half of the increase occurring among adult women.

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

Category	Quarterly averages		Monthly data			July-Aug. change
	1987		1987			
	I	II	June	July	Aug.	
HOUSEHOLD DATA	Thousands of persons					
Labor force 1/.....	120,943	121,341	121,235	121,672	122,038	366
Total employment 1/..	112,995	113,906	113,975	114,447	114,817	370
Civilian labor force...	119,202	119,615	119,517	119,952	120,302	350
Civilian employment..	111,254	112,180	112,257	112,727	113,081	354
Unemployment.....	7,948	7,435	7,260	7,224	7,221	-3
Not in labor force.....	62,800	62,912	63,187	62,933	62,700	-233
Discouraged workers..	1,168	1,037	N.A.	N.A.	N.A.	N.A.
	Percent of labor force					
Unemployment rates:						
All workers 1/.....	6.6	6.1	6.0	5.9	5.9	0
All civilian workers.	6.7	6.2	6.1	6.0	6.0	0
Adult men.....	5.9	5.5	5.5	5.4	5.2	-0.2
Adult women.....	5.8	5.4	5.2	5.4	5.3	-.1
Teenagers.....	17.9	17.0	15.9	15.5	16.0	.5
White.....	5.7	5.3	5.2	5.1	5.1	0
Black.....	14.2	13.2	12.7	12.6	12.4	-.2
Hispanic origin....	9.7	8.8	8.5	7.9	8.0	.1
ESTABLISHMENT DATA	Thousands of jobs					
Nonfarm employment.....	101,133	101,708	101,818	p102,114	p102,270	p156
Goods-producing.....	24,733	24,757	24,761	p24,857	p24,857	p0
Service-producing....	76,399	76,951	77,057	p77,257	p77,413	p156
	Hours of work					
Average weekly hours:						
Total private.....	34.8	34.8	34.8	p34.8	p35.0	p0.2
Manufacturing.....	41.0	40.9	41.0	p41.0	p41.0	p0
Overtime.....	3.6	3.7	3.7	p3.8	p3.8	p0

1/ Includes the resident Armed Forces.

N.A.=not available.

p=preliminary.

Industry Payroll Employment (Establishment Survey Data)

Total nonagricultural employment rose by 155,000 in August to a seasonally adjusted level of 102.3 million. Virtually all of the job growth occurred in the service-producing sector. (See table B-1.)

Within the service sector, the services industry component continued its strong job expansion, increasing by 90,000 in August. Over the year, 1 million jobs have been added in the industry. As usual, health and business services accounted for most of the over-the-month gain. Job growth continued in finance, insurance, and real estate as employment advanced by 25,000 over the month. Employment in retail and wholesale trade was about unchanged from July levels.

In the goods-producing sector, manufacturing employment was unchanged in August, following a substantial increase (90,000) in July. Employment in automobiles rose by 20,000, after declining by 30,000 in July (seasonally adjusted). Most of the recent employment fluctuations in this industry result from early plant shutdowns for model changeover and extended layoffs for inventory reductions. In contrast, employment in apparel and other textile products declined by 20,000, a return to the June level. Construction employment was unchanged at 5.0 million in August. Mining and its oil and gas extraction component continued the gradual recovery from the job losses of the 1985-86 period.

Weekly Hours (Establishment Survey Data)

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls expanded by 0.2 hour after seasonal adjustment, reaching 35.0 hours. Most of this increase occurred in retail trade and wholesale trade. Manufacturing hours remained at 41.0 for the fourth consecutive month, and overtime hours were unchanged from July at 3.8, both historically high levels. (See table B-2.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls increased 0.5 percent in August to 121.2 (1977=100), seasonally adjusted. The manufacturing index was about unchanged at 93.7. (See table B-5.)

Hourly and Weekly Earnings (Establishment Survey Data)

Average hourly earnings rose 0.8 percent in August, while average weekly earnings rose 1.4 percent, seasonally adjusted. Before seasonal adjustment, average hourly earnings rose by 4 cents to \$8.95, and average weekly earnings were up \$4.09 to \$315.94. Over the year, hourly earnings were up 25 cents and weekly earnings rose \$10.57.

The Hourly Earnings Index (Establishment Survey Data)

The Hourly Earnings Index (HEI) was 173.9 (1977=100) in August, seasonally adjusted, an increase of 0.4 percent from July. For the 12 months ended in August, the increase was 2.6 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements--fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 1.4 percent during the 12-month period ended in July. (See table B-4.)

The Employment Situation for September 1987 will be released on Friday, October 2, at 8:30 A.M. (EDT).

Explanatory Note

This news release presents statistics from two major surveys, the Current Population Survey (household survey) and the Current Employment Statistics Survey (establishment survey). The household survey provides the information on the labor force, total employment, and unemployment that appears in the A tables, marked HOUSEHOLD DATA. It is a sample survey of about 59,500 households that is conducted by the Bureau of the Census with most of the findings analyzed and published by the Bureau of Labor Statistics (BLS).

The establishment survey provides the information on the employment, hours, and earnings of workers on nonagricultural payrolls that appears in the B tables, marked ESTABLISHMENT DATA. This information is collected from payroll records by BLS in cooperation with State agencies. The sample includes over 290,000 establishments employing over 38 million people.

For both surveys, the data for a given month are actually collected for and relate to a particular week. In the household survey, unless otherwise indicated, it is the calendar week that contains the 12th day of the month, which is called the survey week. In the establishment survey, the reference week is the pay period including the 12th, which may or may not correspond directly to the calendar week.

The data in this release are affected by a number of technical factors, including definitions, survey differences, seasonal adjustments, and the inevitable variance in results between a survey of a sample and a census of the entire population. Each of these factors is explained below.

Coverage, definitions, and differences between surveys

The sample households in the household survey are selected so as to reflect the entire civilian noninstitutional population 16 years of age and older. Each person in a household is classified as employed, unemployed, or not in the labor force. Those who hold more than one job are classified according to the job at which they worked the most hours.

People are classified as *employed* if they did any work at all as paid civilians; worked in their own business or profession or on their own farm; or worked 15 hours or more in an enterprise operated by a member of their family, whether they were paid or not. People are also counted as employed if they were on unpaid leave because of illness, bad weather, disputes between labor and management, or personal reasons. Members of the Armed Forces stationed in the United States are also included in the employed total.

People are classified as *unemployed*, regardless of their eligibility for unemployment benefits or public assistance, if they meet all of the following criteria: They had no employment during the survey week; they were available for work at

that time; and they made specific efforts to find employment sometime during the prior 4 weeks. Persons laid off from their former jobs and awaiting recall and those expecting to report to a job within 30 days need not be looking for work to be counted as unemployed.

The *labor force* equals the sum of the number employed and the number unemployed. The *unemployment rate* is the percentage of unemployed people in the labor force (civilian plus the resident Armed Forces). Table A-5 presents a special grouping of seven measures of unemployment based on varying definitions of unemployment and the labor force. The definitions are provided in the table. The most restrictive definition yields U-1 and the most comprehensive yields U-7. The overall unemployment rate is U-5a, while U-5b represents the same measure with a civilian labor force base.

Unlike the household survey, the establishment survey only counts wage and salary employees whose names appear on the payroll records of nonagricultural firms. As a result, there are many differences between the two surveys, among which are the following:

- The household survey, although based on a smaller sample, reflects a larger segment of the population; the establishment survey excludes agriculture, the self-employed, unpaid family workers, private household workers, and members of the resident Armed Forces;

- The household survey includes people on unpaid leave among the employed; the establishment survey does not;

- The household survey is limited to those 16 years of age and older; the establishment survey is not limited by age;

- The household survey has no duplication of individuals, because each individual is counted only once; in the establishment survey, employees working at more than one job or otherwise appearing on more than one payroll would be counted separately for each appearance.

Other differences between the two surveys are described in "Comparing Employment Estimates from Household and Payroll Surveys," which may be obtained from the BLS upon request.

Seasonal adjustment

Over the course of a year, the size of the Nation's labor force and the levels of employment and unemployment undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. For example, the labor force increases by a large number each June, when schools close and many young people enter the job market. The effect of such seasonal variation can be very large; over the course of a year, for example, seasonality may account for as much as 95 percent of the month-to-month changes in unemployment.

Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make nonseasonal developments, such as declines in economic activity or increases in the participation of women in the labor force, easier to spot. To return to the school's-out example, the large number of people entering the labor force each June is likely to obscure any other changes that have taken place since May, making it difficult to determine if the level of economic activity has risen or declined. However, because the effect of students finishing school in previous years is known, the statistics for the current year can be adjusted to allow for a comparable change. Insofar as the seasonal adjustment is made correctly, the adjusted figure provides a more useful tool with which to analyze changes in economic activity.

Measures of labor force, employment, and unemployment contain components such as age and sex. Statistics for all employees, production workers, average weekly hours, and average hourly earnings include components based on the employer's industry. All these statistics can be seasonally adjusted either by adjusting the total or by adjusting each of the components and combining them. The second procedure usually yields more accurate information and is therefore followed by BLS. For example, the seasonally adjusted figure for the labor force is the sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force.

The numerical factors used to make the seasonal adjustments are recalculated regularly. For the household survey, the factors are calculated for the January-June period and again for the July-December period. The January revision is applied to data that have been published over the previous 5 years. For the establishment survey, updated factors for seasonal adjustment are calculated only once a year, along with the introduction of new benchmarks which are discussed at the end of the next section.

Sampling variability

Statistics based on the household and establishment surveys are subject to sampling error, that is, the estimate of the number of people employed and the other estimates drawn from these surveys probably differ from the figures that would be obtained from a complete census, even if the same questionnaires and procedures were used. In the household survey, the amount of the differences can be expressed in terms of standard errors. The numerical value of a standard error depends upon the size of the sample, the results of the survey, and other factors. However, the numerical value is always such that the chances are approximately 68 out of 100 that an estimate based on the sample will differ by no more than the standard error

from the results of a complete census. The chances are approximately 90 out of 100 that an estimate based on the sample will differ by no more than 1.6 times the standard error from the results of a complete census. At approximately the 90-percent level of confidence—the confidence limits used by BLS in its analyses—the error for the monthly change in total employment is on the order of plus or minus 328,000; for total unemployment it is 220,000; and, for the overall unemployment rate, it is 0.19 percentage point. These figures do not mean that the sample results are off by these magnitudes but, rather, that the chances are approximately 90 out of 100 that the “true” level or rate would not be expected to differ from the estimates by more than these amounts.

Sampling errors for monthly surveys are reduced when the data are cumulated for several months, such as quarterly or annually. Also, as a general rule, the smaller the estimate, the larger the sampling error. Therefore, relatively speaking, the estimate of the size of the labor force is subject to less error than is the estimate of the number unemployed. And, among the unemployed, the sampling error for the jobless rate of adult men, for example, is much smaller than is the error for the jobless rate of teenagers. Specifically, the error on monthly change in the jobless rate for men is .26 percentage point; for teenagers, it is 1.25 percentage points.

In the establishment survey, estimates for the 2 most current months are based on incomplete returns; for this reason, these estimates are labeled preliminary in the tables. When all the returns in the sample have been received, the estimates are revised. In other words, data for the month of September are published in preliminary form in October and November and in final form in December. To remove errors that build up over time, a comprehensive count of the employed is conducted each year. The results of this survey are used to establish new benchmarks—comprehensive counts of employment—against which month-to-month changes can be measured. The new benchmarks also incorporate changes in the classification of industries and allow for the formation of new establishments.

Additional statistics and other information

In order to provide a broad view of the Nation's employment situation, BLS regularly publishes a wide variety of data in this news release. More comprehensive statistics are contained in *Employment and Earnings*, published each month by BLS. It is available for \$8.50 per issue or \$22.00 per year from the U.S. Government Printing Office, Washington, D.C., 20204. A check or money order made out to the Superintendent of Documents must accompany all orders.

Employment and Earnings also provides approximations of the standard errors for the household survey data published in this release. For unemployment and other labor force categories, the standard errors appear in tables B through J of its “Explanatory Notes.” Measures of the reliability of the data drawn from the establishment survey and the actual amounts of revision due to benchmark adjustments are provided in tables M, O, P, and Q of that publication.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-1. Employment status of the population, including Armed Forces in the United States, by sex

(Numbers in thousands)

Employment status and sex	Not seasonally adjusted			Seasonally adjusted ¹					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
TOTAL									
Noninstitutional population ²	182,525	184,605	184,738	182,525	184,079	184,259	184,421	184,605	184,738
Labor force ³	121,168	123,825	123,350	119,821	121,070	121,719	121,235	121,672	122,038
Participation rate ³	66.4	67.1	66.8	65.6	65.8	66.1	65.7	65.9	66.1
Total employed ²	113,212	116,372	116,263	111,764	113,570	114,173	113,975	114,447	114,817
Employment-population ratio ⁴	62.0	63.0	62.9	61.2	61.7	62.0	61.8	62.0	62.2
Resident Armed Forces	1,697	1,720	1,736	1,697	1,735	1,726	1,718	1,720	1,736
Civilian employed	111,515	114,652	114,527	110,067	111,835	112,447	112,257	112,727	113,081
Agriculture	3,440	3,754	3,452	3,057	3,290	3,335	3,178	3,219	3,092
Nonagricultural industries	108,075	110,898	111,075	107,010	108,545	109,112	109,079	109,508	109,989
Unemployed	7,955	7,453	7,088	8,057	7,500	7,546	7,260	7,224	7,221
Unemployment rate ⁵	6.6	6.0	5.7	6.7	6.2	6.2	6.0	5.9	5.9
Not in labor force	61,357	60,779	61,388	62,704	63,009	62,540	63,187	62,933	62,700
Men, 18 years and over									
Noninstitutional population ²	87,460	88,534	88,598	87,460	88,271	88,361	88,442	88,534	88,598
Labor force ³	68,010	69,338	69,001	66,911	67,603	67,816	67,556	67,656	67,925
Participation rate ³	77.8	78.3	77.9	76.5	76.6	76.7	76.4	76.4	76.7
Total employed ²	63,913	65,375	65,305	62,483	63,417	63,562	63,471	63,715	63,918
Employment-population ratio ⁴	73.1	73.8	73.7	71.4	71.8	71.9	71.8	72.0	72.1
Resident Armed Forces	1,541	1,561	1,575	1,541	1,575	1,566	1,559	1,561	1,575
Civilian employed	62,372	63,814	63,730	60,942	61,842	61,996	61,912	62,154	62,343
Unemployed	4,097	3,963	3,696	4,428	4,186	4,254	4,085	3,941	4,007
Unemployment rate ⁵	6.0	5.7	5.4	6.6	6.2	6.3	6.0	5.8	5.9
Women, 18 years and over									
Noninstitutional population ²	95,065	96,071	96,140	95,065	95,808	95,898	95,979	96,071	96,140
Labor force ³	53,157	54,488	54,350	52,910	53,467	53,903	53,679	54,016	54,113
Participation rate ³	55.9	56.7	56.5	55.7	55.8	56.2	55.9	56.2	56.3
Total employed ²	49,299	50,998	50,958	49,281	50,153	50,611	50,504	50,733	50,899
Employment-population ratio ⁴	51.9	53.1	53.0	51.8	52.3	52.8	52.6	52.8	52.9
Resident Armed Forces	156	159	161	156	160	160	159	159	161
Civilian employed	49,143	50,839	50,797	49,125	49,993	50,451	50,345	50,574	50,738
Unemployed	3,858	3,490	3,392	3,629	3,314	3,292	3,175	3,283	3,213
Unemployment rate ⁵	7.3	6.4	6.2	6.9	6.2	6.1	5.9	6.1	5.9

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

² Includes members of the Armed Forces stationed in the United States.

³ Labor force as a percent of the noninstitutional population.

⁴ Total employment as a percent of the noninstitutional population.

⁵ Unemployment as a percent of the labor force (including the resident Armed Forces).

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-2. Employment status of the civilian population by sex and age

(Numbers in thousands)

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted ¹					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
TOTAL									
Civilian noninstitutional population	180,828	182,885	183,002	180,828	182,344	182,533	182,703	182,885	183,002
Civilian labor force	119,471	122,105	121,614	118,124	119,335	119,993	119,517	119,952	120,302
Participation rate	66.1	66.8	66.5	65.3	65.4	65.7	65.4	65.6	65.7
Employed	111,515	114,652	114,527	110,067	111,835	112,447	112,257	112,727	113,081
Employment-population ratio ²	61.7	62.7	62.6	60.9	61.3	61.6	61.4	61.6	61.8
Unemployed	7,955	7,453	7,088	8,057	7,500	7,546	7,260	7,224	7,221
Unemployment rate	6.7	6.1	5.8	6.8	6.3	6.3	6.1	6.0	6.0
Men, 20 years and over									
Civilian noninstitutional population	78,634	79,625	79,668	78,634	79,387	79,474	79,536	79,625	79,668
Civilian labor force	61,689	62,645	62,516	61,219	61,976	62,156	62,057	62,116	62,053
Participation rate	78.5	78.7	78.5	77.9	78.1	78.2	78.0	78.0	77.9
Employed	58,344	59,458	59,546	57,585	58,567	58,721	58,620	58,793	58,818
Employment-population ratio ²	74.2	74.7	74.7	73.2	73.8	73.9	73.7	73.8	73.8
Agriculture	2,355	2,556	2,416	2,185	2,411	2,441	2,307	2,343	2,254
Nonagricultural industries	55,989	56,902	57,130	55,400	56,155	56,280	56,313	56,450	56,564
Unemployed	3,345	3,187	2,970	3,634	3,409	3,436	3,437	3,323	3,235
Unemployment rate	5.4	5.1	4.8	5.9	5.5	5.5	5.5	5.4	5.2
Women, 20 years and over									
Civilian noninstitutional population	87,689	88,632	88,685	87,689	88,395	88,464	88,546	88,632	88,685
Civilian labor force	48,653	49,564	49,683	48,950	49,466	49,774	49,714	49,971	49,989
Participation rate	55.5	55.9	56.0	55.8	56.0	56.3	56.1	56.4	56.4
Employed	45,439	46,811	46,840	45,956	46,751	47,094	47,126	47,288	47,324
Employment-population ratio ²	51.8	52.8	52.8	52.4	52.9	53.2	53.2	53.4	53.4
Agriculture	702	749	680	622	587	634	615	619	603
Nonagricultural industries	44,737	46,062	46,161	45,334	46,164	46,460	46,512	46,669	46,722
Unemployed	3,214	2,753	2,843	2,994	2,715	2,680	2,588	2,683	2,664
Unemployment rate	6.6	5.6	5.7	6.1	5.5	5.4	5.2	5.4	5.3
Both sexes, 16 to 19 years									
Civilian noninstitutional population	14,505	14,628	14,649	14,505	14,562	14,595	14,621	14,628	14,649
Civilian labor force	9,129	9,896	9,415	7,955	7,894	8,063	7,746	7,865	8,260
Participation rate	62.9	67.6	64.3	54.8	54.2	55.2	53.0	53.8	56.4
Employed	7,732	8,383	8,141	6,526	6,518	6,633	6,511	6,647	6,939
Employment-population ratio ²	53.3	57.3	55.6	45.0	44.8	45.4	44.5	45.4	47.4
Agriculture	383	448	356	250	292	261	257	258	236
Nonagricultural industries	7,349	7,935	7,785	6,276	6,226	6,372	6,254	6,389	6,703
Unemployed	1,397	1,513	1,274	1,429	1,376	1,430	1,235	1,218	1,321
Unemployment rate	15.3	15.3	13.5	18.0	17.4	17.7	15.9	15.5	16.0

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

² Civilian employment as a percent of the civilian noninstitutional population.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-3. Employment status of the civilian population by race, sex, age, and Hispanic origin

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	Not seasonally adjusted			Seasonally adjusted ¹					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
WHITE									
Civilian noninstitutional population	155,604	157,058	157,134	155,604	156,676	156,811	156,930	157,058	157,134
Civilian labor force	103,214	104,987	104,631	102,122	102,894	103,573	103,106	103,272	103,614
Participation rate	66.3	66.8	66.6	65.6	65.7	66.1	65.7	65.8	65.9
Employed	97,410	99,609	99,482	96,177	97,340	98,050	97,716	97,958	98,299
Employment-population ratio ²	62.6	63.4	63.3	61.8	62.1	62.5	62.3	62.4	62.6
Unemployed	5,805	5,378	5,149	5,945	5,554	5,524	5,390	5,314	5,315
Unemployment rate	5.6	5.1	4.9	5.8	5.4	5.3	5.2	5.1	5.1
Men, 20 years and over									
Civilian labor force	53,996	54,625	54,558	53,583	54,051	54,314	54,213	54,214	54,164
Participation rate	78.8	78.9	78.8	78.2	78.3	78.6	78.4	78.3	78.2
Employed	51,531	52,250	52,335	50,877	51,462	51,755	51,581	51,682	51,714
Employment-population ratio ²	75.2	75.5	75.6	74.3	74.6	74.9	74.6	74.7	74.7
Unemployed	2,466	2,375	2,224	2,706	2,589	2,558	2,632	2,532	2,449
Unemployment rate	4.6	4.3	4.1	5.1	4.8	4.7	4.9	4.7	4.5
Women, 20 years and over									
Civilian labor force	41,320	41,927	42,061	41,640	41,982	42,239	42,159	42,280	42,418
Participation rate	54.9	55.3	55.4	55.4	55.5	55.8	55.6	55.7	55.9
Employed	38,984	39,975	40,049	39,466	40,041	40,343	40,318	40,379	40,535
Employment-population ratio ²	51.8	52.7	52.7	52.5	52.9	53.2	53.2	53.2	53.4
Unemployed	2,336	1,951	2,012	2,174	1,941	1,895	1,841	1,902	1,882
Unemployment rate	5.7	4.7	4.8	5.2	4.6	4.5	4.4	4.5	4.4
Both sexes, 16 to 19 years									
Civilian labor force	7,898	8,436	8,012	6,899	6,861	7,021	6,734	6,778	7,033
Participation rate	66.5	70.5	67.0	58.1	57.4	58.7	56.3	56.6	58.8
Employed	6,895	7,384	7,098	5,834	5,837	5,951	5,817	5,898	6,049
Employment-population ratio ²	58.0	61.7	59.4	49.1	48.9	49.8	48.6	49.3	50.6
Unemployed	1,003	1,051	913	1,065	1,024	1,070	917	880	984
Unemployment rate	12.7	12.5	11.4	15.4	14.9	15.2	13.6	13.0	14.0
Men	13.4	12.1	12.3	16.6	16.7	17.3	14.5	13.0	15.4
Women	12.0	12.8	10.4	14.2	13.1	13.1	12.7	13.0	12.5
BLACK									
Civilian noninstitutional population	20,028	20,373	20,396	20,028	20,279	20,312	20,341	20,373	20,396
Civilian labor force	12,767	13,468	13,393	12,553	12,743	12,860	12,863	13,047	13,194
Participation rate	63.7	66.1	65.7	62.7	62.8	63.3	63.2	64.0	64.7
Employed	10,878	11,645	11,721	10,716	11,090	11,080	11,223	11,401	11,563
Employment-population ratio ²	54.3	57.2	57.5	53.5	54.7	54.6	55.2	56.0	56.7
Unemployed	1,889	1,823	1,671	1,837	1,653	1,779	1,640	1,647	1,630
Unemployment rate	14.8	13.5	12.5	14.6	13.0	13.8	12.7	12.6	12.4
Men, 20 years and over									
Civilian labor force	5,923	6,159	6,121	5,885	5,980	6,033	6,001	6,089	6,079
Participation rate	74.7	76.3	75.8	74.2	74.4	75.0	74.5	75.4	75.2
Employed	5,166	5,463	5,491	5,110	5,328	5,279	5,311	5,404	5,431
Employment-population ratio ²	65.2	67.7	68.0	64.5	66.3	65.6	65.9	66.9	67.2
Unemployed	756	696	630	775	652	754	690	686	647
Unemployment rate	12.8	11.3	10.3	13.2	10.9	12.5	11.5	11.3	10.7
Women, 20 years and over									
Civilian labor force	5,849	6,104	6,118	5,841	5,918	5,970	6,017	6,125	6,120
Participation rate	58.7	60.2	60.3	58.6	58.7	59.1	59.5	60.4	60.3
Employed	5,067	5,388	5,379	5,112	5,238	5,278	5,349	5,426	5,428
Employment-population ratio ²	50.8	53.2	53.0	51.3	51.9	52.2	52.9	53.5	53.5
Unemployed	782	716	739	729	680	691	669	699	692
Unemployment rate	13.4	11.7	12.1	12.5	11.5	11.6	11.1	11.4	11.3
Both sexes, 16 to 19 years									
Civilian labor force	996	1,205	1,154	827	845	857	844	833	995
Participation rate	46.7	55.6	53.2	38.8	39.2	39.7	39.0	38.4	45.9
Employed	645	794	852	494	524	523	563	571	704
Employment-population ratio ²	30.2	36.6	39.3	23.1	24.3	24.2	26.0	26.3	32.5
Unemployed	351	411	302	333	321	334	281	262	291
Unemployment rate	35.3	34.1	26.2	40.3	38.0	39.0	33.3	31.5	29.2
Men	32.9	33.9	28.1	38.8	39.3	40.3	31.5	31.5	32.6
Women	37.9	34.3	24.0	41.9	36.5	37.6	35.1	31.4	25.3
HISPANIC ORIGIN									
Civilian noninstitutional population	12,397	12,887	12,925	12,397	12,770	12,809	12,848	12,887	12,925
Civilian labor force	8,270	8,583	8,688	8,130	8,484	8,586	8,452	8,411	8,544
Participation rate	66.7	66.6	67.2	65.6	66.4	67.0	65.8	65.3	66.1
Employed	7,393	7,883	8,013	7,248	7,701	7,838	7,730	7,744	7,864
Employment-population ratio ²	59.6	61.2	62.0	58.5	60.3	61.2	60.2	60.1	60.6
Unemployed	877	700	675	882	783	748	722	667	680
Unemployment rate	10.6	8.2	7.8	10.8	9.2	8.7	8.5	7.9	8.0

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

² Civilian employment as a percent of the civilian noninstitutional population.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

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Table A-4. Selected employment indicators

(Numbers in thousands)

Category	Not seasonally adjusted			Seasonally adjusted					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
CHARACTERISTIC									
Civilian employed, 16 years and over	111,515	114,652	114,527	110,067	111,835	112,447	112,257	112,727	112,081
Married men, spouse present	39,994	40,402	40,542	39,735	39,967	40,029	40,057	40,241	40,260
Married women, spouse present	26,834	27,744	27,660	27,388	28,213	28,495	28,658	28,426	28,196
Women who maintain families	5,791	6,031	6,059	5,832	5,972	5,921	5,939	6,013	6,108
MAJOR INDUSTRY AND CLASS OF WORKER									
Agriculture:									
Wage and salary workers	1,727	1,967	1,781	1,509	1,589	1,695	1,614	1,619	1,566
Self-employed workers	1,496	1,572	1,472	1,387	1,505	1,442	1,386	1,429	1,363
Unpaid family workers	217	215	198	174	175	170	165	154	159
Nonagricultural industries:									
Wage and salary workers	99,672	102,350	102,422	98,586	100,112	100,834	100,420	100,838	101,334
Government	15,820	16,355	16,140	16,446	16,484	16,710	16,956	16,931	16,760
Private industries	83,853	85,996	86,281	82,140	83,628	84,124	83,464	83,907	84,574
Private households	1,357	1,353	1,273	1,247	1,266	1,266	1,146	1,224	1,172
Other industries	82,496	84,643	85,008	80,893	82,362	82,858	82,318	82,683	83,402
Self-employed workers	8,126	8,279	8,397	7,956	8,117	8,142	8,328	8,205	8,216
Unpaid family workers	277	269	256	271	268	275	274	268	250
PERSONS AT WORK PART TIME¹									
All industries:									
Part time for economic reasons	5,927	6,219	5,694	5,471	5,391	5,282	5,184	5,508	5,262
Slack work	2,331	2,387	2,417	2,417	2,322	2,223	2,317	2,456	2,515
Could only find part-time work	3,199	3,452	2,900	2,741	2,746	2,665	2,579	2,722	2,494
Voluntary part time	11,036	11,826	11,590	13,981	13,862	14,573	15,054	14,422	14,634
Nonagricultural industries:									
Part time for economic reasons	5,669	5,848	5,373	5,269	5,110	5,029	4,918	5,235	4,998
Slack work	2,192	2,203	2,207	2,283	2,137	2,071	2,155	2,295	2,306
Could only find part-time work	3,096	3,290	2,803	2,678	2,662	2,594	2,477	2,634	2,433
Voluntary part time	10,645	11,324	11,136	13,606	13,399	14,069	14,485	13,946	14,168

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

Table A-5. Range of unemployment measures based on varying definitions of unemployment and the labor force, seasonally adjusted

(Percent)

Measure	Quarterly averages					Monthly data		
	1986			1987		1987		
	II	III	IV	I	II	June	July	Aug.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6
U-2 Job losers as a percent of the civilian labor force	3.5	3.4	3.3	3.3	3.0	3.0	2.9	2.8
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force	5.5	5.4	5.4	5.1	4.7	4.6	4.7	4.7
U-4 Unemployed full-time jobseekers as a percent of the full-time civilian labor force	6.8	6.6	6.5	6.3	5.9	5.9	5.7	5.6
U-5a Total unemployed as a percent of the labor force, including the resident Armed Forces	7.0	6.8	6.8	6.6	6.1	6.0	5.9	5.9
U-5b Total unemployed as a percent of the civilian labor force	7.1	6.9	6.9	6.7	6.2	6.1	6.0	6.0
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	9.6	9.3	9.2	9.0	8.4	8.3	8.3	8.2
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	10.5	10.2	10.2	10.0	9.3	N.A.	N.A.	N.A.

N.A. = not available.

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Table A-6. Selected unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)			Unemployment rates ¹					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
CHARACTERISTIC									
Total, 16 years and over	8,057	7,224	7,221	6.8	6.3	6.3	6.1	6.0	6.0
Men, 16 years and over	4,428	3,941	4,007	6.8	6.3	6.4	6.2	6.0	6.0
Men, 20 years and over	3,634	3,323	3,235	5.9	5.5	5.5	5.5	5.4	5.2
Women, 16 years and over	3,629	3,283	3,213	6.9	6.2	6.1	5.9	6.1	6.0
Women, 20 years and over	2,994	2,683	2,664	6.1	5.5	5.4	5.2	5.4	5.3
Both sexes, 16 to 19 years	1,429	1,218	1,321	18.0	17.4	17.7	15.9	15.5	16.0
Married men, spouse present	1,729	1,608	1,526	4.2	4.1	3.9	4.0	3.8	3.7
Married women, spouse present	1,478	1,243	1,268	5.1	4.4	4.1	4.0	4.2	4.3
Women who maintain families	653	620	608	10.1	9.3	9.6	9.7	9.4	9.0
Full-time workers	6,518	5,837	5,783	6.4	5.9	5.9	5.9	5.7	5.6
Part-time workers	1,561	1,358	1,433	9.3	8.6	8.7	6.9	7.9	8.2
Labor force time lost ²	--	--	--	7.7	7.3	7.2	7.1	6.9	6.8
INDUSTRY									
Nonagricultural private wage and salary workers ...	6,120	5,480	5,339	6.9	6.2	6.3	6.2	6.1	5.9
Mining	156	67	78	16.6	11.1	12.9	10.8	7.8	8.9
Construction	761	670	706	12.4	11.9	12.1	11.6	10.7	11.2
Manufacturing	1,515	1,307	1,205	6.9	6.2	6.4	5.6	6.0	5.5
Durable goods	904	789	714	6.8	6.2	6.3	5.3	6.1	5.5
Nondurable goods	611	518	491	6.9	6.2	6.6	6.0	5.9	5.5
Transportation and public utilities	293	280	266	4.8	4.8	4.4	5.0	4.4	4.3
Wholesale and retail trade	1,684	1,546	1,615	7.5	7.0	6.9	7.2	6.8	7.0
Finance and service industries	1,711	1,609	1,470	5.6	4.7	4.8	4.8	5.1	4.6
Government workers	554	600	673	3.3	3.6	3.3	3.4	3.4	3.9
Agricultural wage and salary workers	231	207	191	13.3	9.0	8.7	8.8	11.3	10.8

¹ Unemployment as a percent of the civilian labor force.

reasons as a percent of potentially available labor force hours.

² Aggregate hours lost by the unemployed and persons on part time for economic

Table A-7. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted			Seasonally adjusted					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
DURATION									
Less than 5 weeks	3,348	3,415	3,101	3,436	3,143	3,349	3,085	3,168	3,197
5 to 14 weeks	2,576	2,276	2,305	2,407	2,232	2,118	2,114	2,141	2,170
15 weeks and over	2,031	1,762	1,682	2,272	2,075	2,101	2,055	1,907	1,884
15 to 26 weeks	862	787	642	1,068	1,025	1,003	998	945	814
27 weeks and over	1,170	975	1,040	1,204	1,049	1,098	1,057	962	1,070
Average (mean) duration, in weeks	15.3	13.4	14.2	15.6	14.9	14.9	14.8	14.0	14.3
Median duration, in weeks	7.1	5.9	6.4	7.1	7.0	6.5	6.7	6.7	6.4
PERCENT DISTRIBUTION									
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	42.1	45.8	43.8	42.3	42.2	44.3	42.5	43.9	44.1
5 to 14 weeks	32.4	30.5	32.5	29.7	30.0	28.0	29.1	29.7	29.9
15 weeks and over	25.5	23.6	23.7	28.0	27.9	27.8	28.3	26.4	26.0
15 to 26 weeks	10.8	10.6	9.1	13.2	13.8	13.2	13.8	13.1	11.2
27 weeks and over	14.7	13.1	14.7	14.8	14.1	14.5	14.6	13.3	14.8

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Table A-8. Reason for unemployment

(Numbers in thousands)

Reason	Not seasonally adjusted			Seasonally adjusted					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
NUMBER OF UNEMPLOYED									
Job losers	3,624	3,385	3,145	3,824	3,732	3,611	3,565	3,522	3,339
On layoff	884	839	730	1,017	958	906	901	918	850
Other job losers	2,740	2,546	2,415	2,807	2,774	2,705	2,664	2,604	2,489
Job leavers	1,043	1,068	1,062	990	923	906	949	1,007	1,006
Reentrants	2,196	1,911	1,991	2,199	1,940	2,018	1,969	1,913	1,997
New entrants	1,093	1,089	890	1,014	911	1,018	798	801	829
PERCENT DISTRIBUTION									
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	45.5	45.5	44.4	47.6	49.7	47.8	49.0	48.6	46.6
On layoff	11.1	11.3	10.3	12.7	12.8	12.0	12.4	12.7	11.9
Other job losers	34.4	34.2	34.1	35.0	37.0	35.8	36.6	36.0	34.7
Job leavers	13.1	14.3	15.0	12.3	12.3	12.0	13.0	13.9	14.0
Reentrants	27.6	25.6	28.1	27.4	25.8	26.7	27.0	26.4	27.9
New entrants	13.7	14.6	12.6	12.6	12.1	13.5	11.0	11.1	11.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE									
Job losers	3.0	2.8	2.6	3.2	3.1	3.0	3.0	2.9	2.8
Job leavers	.9	.9	.9	.8	.8	.8	.8	.8	.8
Reentrants	1.8	1.6	1.6	1.9	1.6	1.7	1.6	1.6	1.7
New entrants	.9	.9	.7	.9	.8	.8	.7	.7	.7

Table A-9. Unemployed persons by sex and age, seasonally adjusted

Sex and age	Number of unemployed persons (in thousands)			Unemployment rates ¹					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
Total, 16 years and over	8,057	7,224	7,221	6.8	6.3	6.3	6.1	6.0	6.0
16 to 24 years	3,001	2,686	2,685	12.9	12.6	12.6	12.2	11.7	11.6
16 to 19 years	1,429	1,218	1,321	18.0	17.4	17.7	15.9	15.5	16.0
16 to 17 years	641	573	636	19.8	19.2	21.4	18.8	17.1	18.0
18 to 19 years	787	623	691	16.8	16.3	15.0	13.7	13.9	14.7
20 to 24 years	1,572	1,468	1,364	10.3	10.1	9.8	10.2	9.8	9.1
25 years and over	5,087	4,532	4,564	5.4	4.8	4.8	4.6	4.7	4.7
25 to 54 years	4,525	4,090	4,072	5.7	5.0	5.0	4.9	5.0	5.0
55 years and over	561	457	479	3.7	3.4	3.7	3.2	3.1	3.2
Men, 16 years and over	4,428	3,941	4,007	6.8	6.3	6.4	6.2	6.0	6.0
16 to 24 years	1,625	1,406	1,498	13.3	13.2	13.4	12.6	11.9	12.4
16 to 19 years	794	618	772	19.1	19.2	20.0	16.4	15.5	18.0
16 to 17 years	350	285	374	20.9	21.5	23.2	18.7	16.6	20.6
18 to 19 years	441	307	400	18.0	17.5	17.7	14.4	13.8	16.3
20 to 24 years	831	788	726	10.3	10.1	10.0	10.7	10.0	9.3
25 years and over	2,835	2,530	2,543	5.3	4.8	4.9	4.7	4.7	4.7
25 to 54 years	2,471	2,244	2,232	5.6	5.0	5.1	5.0	4.9	4.9
55 years and over	356	299	300	4.1	3.7	4.1	3.4	3.4	3.4
Women, 16 years and over	3,629	3,283	3,213	6.9	6.2	6.1	5.9	6.1	6.0
16 to 24 years	1,376	1,280	1,187	12.4	12.0	11.7	11.7	11.6	10.7
16 to 19 years	635	600	569	16.7	15.6	15.4	15.4	15.4	13.9
16 to 17 years	291	288	262	18.7	16.7	19.6	18.9	17.7	15.3
18 to 19 years	346	316	291	15.4	15.1	12.4	13.0	14.0	12.9
20 to 24 years	741	680	638	10.2	10.1	9.7	9.7	9.5	8.9
25 years and over	2,252	2,002	2,022	5.4	4.7	4.7	4.4	4.7	4.7
25 to 54 years	2,054	1,846	1,839	5.8	5.0	4.9	4.7	5.0	5.0
55 years and over	205	158	179	3.3	3.0	3.0	2.8	2.6	2.9

¹ Unemployment as a percent of the civilian labor force.

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Table A-10. Employment status of black and other workers

(Numbers in thousands)

Employment status	Not seasonally adjusted			Seasonally adjusted ¹					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
Civilian noninstitutional population	25,224	25,826	25,868	25,224	25,667	25,723	25,773	25,826	25,868
Civilian labor force	16,256	17,118	16,984	15,957	16,394	16,464	16,439	16,632	16,705
Participation rate	64.4	66.3	65.7	63.3	63.9	64.0	63.8	64.4	64.6
Employed	14,105	15,043	15,045	13,861	14,468	14,454	14,566	14,750	14,812
Employment-population ratio ²	55.9	58.2	58.2	55.0	56.4	56.2	56.5	57.1	57.3
Unemployed	2,151	2,076	1,939	2,096	1,925	2,011	1,873	1,882	1,893
Unemployment rate	13.2	12.1	11.4	13.1	11.7	12.2	11.4	11.3	11.3
Not in labor force	8,968	8,708	8,884	9,267	9,273	9,259	9,334	9,194	9,163

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

² Civilian employment as a percent of the civilian noninstitutional population.

Table A-11. Occupational status of the employed and unemployed, not seasonally adjusted

(Numbers in thousands)

Occupation	Civilian employed		Unemployed		Unemployment rate	
	Aug. 1986	Aug. 1987	Aug. 1986	Aug. 1987	Aug. 1986	Aug. 1987
Total, 16 years and over ¹	111,515	114,527	7,955	7,088	6.7	5.8
Managerial and professional specialty	26,183	27,750	731	672	2.7	2.4
Executive, administrative, and managerial	12,753	13,791	319	312	2.4	2.2
Professional specialty	13,431	13,958	411	360	3.0	2.5
Technical, sales, and administrative support	34,784	35,285	1,742	1,622	4.8	4.4
Technicians and related support	3,387	3,470	115	112	3.3	3.1
Sales occupations	13,446	13,708	763	696	5.4	4.8
Administrative support, including clerical	17,952	18,107	864	813	4.6	4.3
Service occupations	14,935	15,277	1,335	1,257	8.2	7.6
Private household	1,007	956	78	63	7.2	6.2
Protective service	1,829	1,932	60	75	3.2	3.7
Service, except private household and protective	12,098	12,389	1,196	1,119	9.0	8.3
Precision production, craft, and repair	13,903	14,073	892	770	6.0	5.2
Mechanics and repairers	4,444	4,627	214	188	4.6	3.9
Construction trades	5,329	5,323	396	360	6.9	6.3
Other precision production, craft, and repair	4,130	4,122	282	222	6.4	5.1
Operators, fabricators, and laborers	17,809	18,161	1,874	1,609	9.5	8.1
Machine operators, assemblers, and inspectors	8,155	8,346	877	709	9.7	7.8
Transportation and material moving occupations	4,579	4,750	340	306	6.9	6.1
Handlers, equipment cleaners, helpers, and laborers	5,075	5,065	657	594	11.5	10.5
Construction laborers	912	935	142	120	13.5	11.3
Other handlers, equipment cleaners, helpers, and laborers	4,162	4,130	514	474	11.0	10.3
Farming, forestry, and fishing	3,901	3,981	249	242	6.0	5.7

¹ Persons with no previous work experience and those whose last job was in the Armed Forces are included in the unemployed total.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-12. Employment status of male Vietnam-era veterans and nonveterans by age, not seasonally adjusted

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Aug. 1986	Aug. 1987	Aug. 1986	Aug. 1987	Aug. 1986	Aug. 1987	Aug. 1986	Aug. 1987	Aug. 1986	Aug. 1987
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,760	7,847	7,166	7,241	6,884	6,934	282	307	3.9	4.2
30 to 44 years	6,370	6,184	6,063	5,904	5,806	5,655	257	249	4.2	4.2
30 to 34 years	1,120	895	1,044	839	984	777	60	62	5.7	7.4
35 to 39 years	3,009	2,552	2,863	2,428	2,741	2,310	122	118	4.3	4.9
40 to 44 years	2,241	2,737	2,156	2,637	2,081	2,568	75	69	3.5	2.6
45 years and over	1,390	1,663	1,103	1,337	1,078	1,279	25	58	2.3	4.3
NONVETERANS										
Total, 30 to 44 years	18,529	19,585	17,579	18,601	16,672	17,788	907	813	5.2	4.4
30 to 34 years	8,600	8,910	8,183	8,549	7,749	8,132	434	417	5.3	4.9
35 to 39 years	5,765	6,252	5,476	5,921	5,175	5,692	301	229	5.5	3.9
40 to 44 years	4,164	4,423	3,920	4,131	3,748	3,964	172	167	4.4	4.0

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Arm-

ed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-13. Employment status of the civilian population for eleven large States

(Numbers in thousands)

State and employment status	Not seasonally adjusted ¹			Seasonally adjusted ²					
	Aug. 1986	July 1987	Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987
California									
Civilian noninstitutional population	20,170	20,592	20,624	20,170	20,477	20,516	20,553	20,592	20,624
Civilian labor force	13,541	13,981	13,891	13,423	13,761	13,917	13,742	13,819	13,775
Employed	12,639	13,142	13,141	12,536	12,959	13,070	12,989	13,064	13,036
Unemployed	902	839	751	887	802	847	753	755	739
Unemployment rate	6.7	6.0	5.4	6.6	5.8	6.1	5.5	5.5	5.4
Florida									
Civilian noninstitutional population	9,202	9,441	9,460	9,202	9,376	9,398	9,419	9,441	9,460
Civilian labor force	5,711	5,985	5,925	5,630	5,837	5,881	5,840	5,899	5,851
Employed	5,373	5,630	5,589	5,299	5,515	5,562	5,546	5,587	5,519
Unemployed	338	356	336	331	322	319	294	312	332
Unemployment rate	5.9	5.9	5.7	5.9	5.5	5.4	5.0	5.3	5.7
Illinois									
Civilian noninstitutional population	8,661	8,687	8,686	8,661	8,680	8,682	8,684	8,687	8,686
Civilian labor force	5,751	5,874	5,865	5,713	5,652	5,680	5,727	5,778	5,819
Employed	5,298	5,455	5,466	5,251	5,186	5,201	5,297	5,356	5,409
Unemployed	453	419	399	462	466	479	430	422	410
Unemployment rate	7.9	7.1	6.8	8.1	8.2	8.4	7.5	7.3	7.0
Massachusetts									
Civilian noninstitutional population	4,554	4,573	4,573	4,554	4,568	4,570	4,571	4,573	4,573
Civilian labor force	3,137	3,132	3,153	3,081	3,070	3,069	3,114	3,069	3,097
Employed	3,021	3,052	3,065	2,961	2,947	2,954	3,015	2,993	3,005
Unemployed	116	80	89	120	123	115	99	76	92
Unemployment rate	3.7	2.6	2.8	3.9	4.0	3.7	3.2	2.5	3.0
Michigan									
Civilian noninstitutional population	6,868	6,931	6,934	6,868	6,914	6,920	6,925	6,931	6,934
Civilian labor force	4,418	4,599	4,686	4,372	4,466	4,486	4,513	4,503	4,638
Employed	4,071	4,192	4,296	4,004	4,081	4,124	4,124	4,129	4,231
Unemployed	348	407	389	368	385	362	389	374	407
Unemployment rate	7.9	8.8	8.3	8.4	8.6	8.1	8.6	8.3	8.8
New Jersey									
Civilian noninstitutional population	5,929	5,987	5,990	5,929	5,971	5,977	5,981	5,987	5,990
Civilian labor force	3,951	4,025	4,022	3,916	3,946	4,003	3,977	3,930	3,986
Employed	3,775	3,843	3,867	3,724	3,791	3,836	3,809	3,771	3,815
Unemployed	176	181	155	192	155	167	168	159	171
Unemployment rate	4.5	4.5	3.9	4.9	3.9	4.2	4.2	4.0	4.3
New York									
Civilian noninstitutional population	13,737	13,782	13,781	13,737	13,769	13,774	13,777	13,782	13,781
Civilian labor force	8,530	8,674	8,669	8,390	8,473	8,491	8,535	8,481	8,526
Employed	8,030	8,280	8,292	7,886	8,062	8,082	8,145	8,106	8,145
Unemployed	501	394	376	504	411	409	390	375	381
Unemployment rate	5.9	4.5	4.3	6.0	4.9	4.8	4.6	4.4	4.5
North Carolina									
Civilian noninstitutional population	4,767	4,843	4,848	4,767	4,822	4,829	4,836	4,843	4,848
Civilian labor force	3,252	3,389	3,351	3,207	3,267	3,240	3,292	3,322	3,306
Employed	3,085	3,229	3,211	3,039	3,112	3,101	3,143	3,171	3,165
Unemployed	167	160	140	168	155	139	149	151	141
Unemployment rate	5.1	4.7	4.2	5.2	4.7	4.3	4.5	4.5	4.3
Ohio									
Civilian noninstitutional population	8,109	8,136	8,136	8,109	8,128	8,131	8,133	8,136	8,136
Civilian labor force	5,261	5,325	5,272	5,185	5,223	5,294	5,237	5,240	5,205
Employed	4,838	4,967	4,908	4,763	4,846	4,878	4,859	4,868	4,841
Unemployed	423	358	364	422	377	416	378	372	364
Unemployment rate	8.0	6.7	6.9	8.1	7.2	7.9	7.2	7.1	7.0
Pennsylvania									
Civilian noninstitutional population	9,243	9,283	9,283	9,243	9,272	9,276	9,279	9,283	9,283
Civilian labor force	5,790	5,787	5,829	5,659	5,545	5,621	5,630	5,616	5,697
Employed	5,423	5,453	5,526	5,284	5,238	5,319	5,310	5,295	5,383
Unemployed	366	335	303	375	307	302	320	321	314
Unemployment rate	6.3	5.8	5.2	6.6	5.5	5.4	5.7	5.7	5.5
Texas									
Civilian noninstitutional population	12,016	12,231	12,246	12,016	12,172	12,192	12,211	12,231	12,246
Civilian labor force	8,187	8,636	8,590	8,142	8,267	8,511	8,372	8,456	8,546
Employed	7,441	7,882	7,880	7,390	7,552	7,778	7,656	7,753	7,828
Unemployed	745	754	710	752	715	733	716	703	718
Unemployment rate	9.1	8.7	8.3	9.2	8.6	8.6	8.6	8.3	8.4

¹ These are the official Bureau of Labor Statistics' estimates used in the administration of Federal fund allocation programs.

² The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and the seasonally adjusted columns.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls by industry

(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Aug. 1986	June 1987	July 1987 p	Aug. 1987 p	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987 p	Aug. 1987 p
Total	99,641	102,704	101,934	102,148	99,772	101,598	101,708	101,818	102,114	102,270
Total private	83,967	85,610	85,734	86,076	83,125	84,560	84,677	84,787	85,089	85,196
Goods-producing	25,096	25,088	25,084	25,319	24,639	24,759	24,752	24,761	24,857	24,857
Mining	753	741	748	753	748	729	735	738	743	749
Oil and gas extraction	426.7	420.7	427.3	432.0	428	416	420	425	429	433
Construction	5,301	5,208	5,313	5,368	4,946	5,019	4,999	5,008	5,008	5,007
General building contractors	1,380.9	1,312.0	1,339.1	1,346.9	1,295	1,272	1,267	1,266	1,263	1,264
Manufacturing	19,042	19,139	19,023	19,198	18,945	19,011	19,018	19,015	19,106	19,101
Production workers	12,925	13,053	12,915	13,090	12,857	12,939	12,946	12,958	13,021	13,021
Durable goods	11,198	11,253	11,141	11,211	11,206	11,175	11,175	11,176	11,195	11,219
Production workers	7,373	7,479	7,352	7,430	7,399	7,406	7,409	7,421	7,424	7,457
Lumber and wood products	737.0	753.1	759.2	761.7	712	736	738	735	740	736
Furniture and fixtures	497.2	509.4	505.8	517.6	499	504	509	510	519	520
Stone, clay, and glass products	598.4	595.5	592.6	598.6	584	586	584	582	582	584
Primary metal industries	734.6	753.4	741.1	750.3	735	743	742	746	749	751
Blast furnaces and basic steel products	265.4	278.0	277.3	278.9	265	272	272	275	276	278
Fabricated metal products	1,422.0	1,430.8	1,408.9	1,421.4	1,423	1,423	1,420	1,424	1,425	1,423
Machinery, except electrical	2,038.3	2,036.5	2,023.7	2,028.6	2,051	2,022	2,025	2,028	2,032	2,041
Electrical and electronic equipment	2,123.4	2,088.3	2,078.3	2,089.1	2,123	2,092	2,087	2,080	2,087	2,089
Transportation equipment	1,979.3	2,018.0	1,973.6	1,975.6	2,016	2,011	2,011	2,010	1,994	2,012
Motor vehicles and equipment	831.5	850.2	802.8	804.8	861	847	843	842	813	833
Instruments and related products	704.5	696.4	695.5	695.6	703	694	693	693	696	694
Miscellaneous manufacturing	363.5	371.2	362.0	372.4	360	364	366	368	371	369
Nondurable goods	7,844	7,886	7,882	7,987	7,739	7,836	7,843	7,839	7,911	7,882
Production workers	5,552	5,574	5,563	5,660	5,458	5,533	5,537	5,537	5,597	5,564
Food and kindred products	1,705.6	1,638.5	1,683.9	1,727.2	1,616	1,642	1,633	1,634	1,646	1,637
Tobacco manufactures	58.1	53.4	53.6	56.2	58	56	57	57	58	56
Textile mill products	710.7	732.5	723.4	736.8	707	724	727	729	737	733
Apparel and other textile products	1,103.1	1,120.5	1,092.1	1,111.5	1,102	1,104	1,107	1,108	1,131	1,110
Paper and allied products	674.8	683.2	677.8	678.8	671	677	677	676	676	675
Printing and publishing	1,457.4	1,499.7	1,498.7	1,502.6	1,462	1,493	1,497	1,498	1,503	1,507
Chemicals and allied products	1,026.7	1,022.6	1,032.0	1,034.5	1,021	1,018	1,022	1,014	1,026	1,029
Petroleum and coal products	171.0	167.2	167.0	168.1	168	164	164	164	163	165
Rubber and miscellaneous plastics products	786.0	816.6	806.6	816.5	786	809	809	810	816	817
Leather and leather products	150.4	151.5	147.1	155.2	148	149	150	149	155	153
Service-producing	74,545	77,616	76,850	76,829	75,133	76,839	76,956	77,057	77,257	77,413
Transportation and public utilities	5,211	5,391	5,367	5,385	5,202	5,348	5,344	5,350	5,360	5,376
Transportation	3,027	3,156	3,118	3,135	3,035	3,124	3,120	3,128	3,131	3,144
Communication and public utilities	2,184	2,235	2,249	2,250	2,167	2,224	2,224	2,222	2,229	2,232
Wholesale trade	5,766	5,810	5,825	5,829	5,736	5,772	5,775	5,781	5,796	5,798
Durable goods	3,398	3,422	3,434	3,437	3,382	3,397	3,401	3,405	3,417	3,420
Nondurable goods	2,368	2,388	2,391	2,392	2,354	2,375	2,374	2,376	2,379	2,378
Retail trade	18,031	18,372	18,344	18,376	17,913	18,197	18,205	18,226	18,271	18,248
General merchandise stores	2,323.0	2,334.8	2,348.7	2,357.6	2,371	2,385	2,390	2,387	2,404	2,406
Food stores	2,887.7	2,963.3	2,965.2	2,958.0	2,889	2,953	2,956	2,960	2,959	2,958
Automotive dealers and service stations	1,973.2	2,004.5	2,007.5	2,010.2	1,949	1,978	1,978	1,983	1,984	1,986
Eating and drinking places	6,089.2	6,179.0	6,153.1	6,179.0	5,904	5,962	5,976	5,982	5,986	5,993
Finance, insurance, and real estate	6,428	6,649	6,698	6,710	6,351	6,558	6,576	6,586	6,607	6,630
Finance	3,208	3,303	3,323	3,324	3,183	3,272	3,276	3,280	3,290	3,298
Insurance	1,969	2,043	2,054	2,060	1,961	2,032	2,037	2,037	2,042	2,052
Real estate	1,251	1,303	1,321	1,326	1,207	1,254	1,263	1,269	1,275	1,280
Services	23,435	24,300	24,416	24,457	23,284	23,926	24,025	24,083	24,198	24,287
Business services	4,868.6	5,106.6	5,143.0	5,201.9	4,815	5,044	5,083	5,086	5,107	5,145
Health services	6,617.2	6,880.8	6,918.6	6,950.8	6,594	6,800	6,822	6,853	6,884	6,923
Government	15,674	17,094	16,200	16,072	16,647	17,038	17,031	17,031	17,025	17,074
Federal	2,907	2,976	2,977	2,971	2,882	2,933	2,935	2,935	2,930	2,944
State	3,663	3,822	3,737	3,726	3,881	3,943	3,947	3,932	3,950	3,951
Local	9,104	10,296	9,486	9,375	9,884	10,162	10,149	10,164	10,145	10,179

p = preliminary.

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					
	Aug. 1986	June 1987	July 1987 p	Aug. 1987 p	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987 p	Aug. 1987 p
Total private	35.1	35.0	35.0	35.3	34.7	34.7	34.9	34.8	34.8	35.0
Mining	42.3	42.4	42.3	43.2	(2)	(2)	(2)	(2)	(2)	(2)
Construction	38.3	38.1	38.6	38.6	(2)	(2)	(2)	(2)	(2)	(2)
Manufacturing	40.7	41.1	40.6	40.9	40.8	40.6	41.0	41.0	41.0	41.0
Overtime hours	3.5	3.7	3.6	3.9	3.5	3.5	3.8	3.7	3.8	3.8
Durable goods	41.1	41.7	41.0	41.3	41.4	41.2	41.6	41.5	41.5	41.6
Overtime hours	3.5	3.8	3.6	3.9	3.6	3.6	3.9	3.8	3.8	4.0
Lumber and wood products	40.6	41.3	40.4	41.0	40.2	40.6	41.0	40.6	40.6	40.7
Furniture and fixtures	40.1	40.0	39.1	39.9	39.9	39.1	39.9	40.0	39.9	39.7
Stone, clay, and glass products	42.8	42.5	42.5	42.5	42.3	41.9	42.3	42.0	42.2	42.0
Primary metal industries	41.5	43.2	42.7	42.9	42.0	42.3	43.1	43.1	43.1	43.4
Blast furnaces and basic steel products	41.2	43.8	43.5	42.8	41.7	42.4	43.3	43.5	43.6	43.3
Fabricated metal products	41.1	41.7	40.8	41.5	41.3	41.2	41.6	41.5	41.4	41.8
Machinery, except electrical	41.2	42.3	41.7	41.8	41.6	41.8	42.2	42.2	42.4	42.2
Electrical and electronic equipment	40.9	41.1	40.4	40.8	41.1	40.6	40.8	41.1	41.1	41.0
Transportation equipment	41.6	41.9	41.1	41.1	42.4	41.9	42.2	41.9	41.8	41.9
Motor vehicles and equipment	41.4	42.1	41.0	41.0	42.5	42.1	42.5	42.0	41.8	42.1
Instruments and related products	40.5	41.5	40.9	41.6	40.9	41.0	41.5	41.5	41.6	42.0
Miscellaneous manufacturing	39.2	39.3	38.6	39.3	(2)	(2)	(2)	(2)	(2)	(2)
Nondurable goods	40.1	40.3	40.0	40.3	40.0	39.7	40.2	40.2	40.3	40.3
Overtime hours	3.6	3.6	3.6	3.9	3.4	3.3	3.7	3.6	3.7	3.7
Food and kindred products	40.6	40.1	39.9	40.7	40.2	39.8	40.1	40.1	39.9	40.3
Tobacco manufactures	36.2	40.1	35.4	35.8	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	41.4	42.4	41.7	41.9	41.2	41.4	42.0	42.1	42.6	41.7
Apparel and other textile products	36.7	37.4	37.0	37.3	36.6	36.1	37.2	37.1	37.3	37.3
Paper and allied products	43.2	43.3	43.2	43.1	43.4	43.0	43.5	43.3	43.5	43.3
Printing and publishing	38.1	37.7	37.8	38.1	38.0	37.7	37.9	38.1	38.1	37.9
Chemicals and allied products	41.7	42.1	41.9	42.0	42.0	42.2	42.1	42.0	42.2	42.3
Petroleum and coal products	44.4	43.3	44.7	44.9	44.2	43.9	44.3	43.3	44.5	44.7
Rubber and miscellaneous plastics products	41.2	41.8	41.1	41.5	(2)	(2)	(2)	(2)	(2)	(2)
Leather and leather products	36.8	39.3	38.4	38.4	(2)	(2)	(2)	(2)	(2)	(2)
Transportation and public utilities	39.4	39.1	39.4	39.3	39.1	39.0	39.2	38.8	39.2	39.0
Wholesale trade	38.5	38.4	38.3	38.5	38.4	38.2	38.3	38.2	38.1	38.4
Retail trade	29.9	29.6	30.0	30.3	29.2	29.5	29.4	29.2	29.3	29.6
Finance, insurance, and real estate	36.5	36.4	36.1	36.6	(2)	(2)	(2)	(2)	(2)	(2)
Services	32.8	32.6	32.8	33.0	32.4	32.4	32.5	32.5	32.5	32.6

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

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

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

Industry	Average hourly earnings				Average weekly earnings			
	Aug. 1986	June 1987	July 1987 p	Aug. 1987 p	Aug. 1986	June 1987	July 1987 p	Aug. 1987 p
Total private	\$8.70	\$8.92	\$8.91	\$8.95	\$305.37	\$312.20	\$311.85	\$315.94
Seasonally adjusted	8.77	8.94	8.96	9.03	304.32	311.11	311.81	316.05
Mining	12.51	12.44	12.33	12.42	529.17	527.46	521.56	536.54
Construction	12.44	12.61	12.57	12.68	476.45	480.44	485.20	489.45
Manufacturing	9.68	9.87	9.88	9.86	393.98	405.66	401.13	403.27
Durable goods	10.22	10.42	10.41	10.40	420.04	434.51	426.81	429.52
Lumber and wood products	8.33	8.44	8.47	8.54	338.20	348.57	342.19	350.14
Furniture and fixtures	7.50	7.66	7.71	7.77	300.75	306.40	301.46	310.02
Stone, clay, and glass products	10.07	10.29	10.31	10.32	431.00	437.33	438.18	438.60
Primary metal industries	11.74	11.97	12.01	11.95	487.21	517.10	512.83	512.66
Blast furnaces and basic steel products	13.61	13.83	13.84	13.86	560.73	605.75	602.04	593.21
Fabricated metal products	9.82	10.00	9.96	9.92	403.60	417.00	406.37	411.68
Machinery, except electrical	10.59	10.76	10.74	10.73	436.31	455.15	447.86	448.51
Electrical and electronic equipment	9.64	9.84	9.89	9.89	394.28	404.42	399.56	403.51
Transportation equipment	12.70	12.88	12.83	12.91	528.32	539.67	527.31	530.60
Motor vehicles and equipment	13.29	13.47	13.35	13.43	550.21	567.09	547.35	550.63
Instruments and related products	9.47	9.70	9.74	9.72	383.54	402.55	398.37	404.35
Miscellaneous manufacturing	7.51	7.74	7.71	7.66	294.39	304.18	297.61	301.04
Nondurable goods	8.94	9.11	9.16	9.13	358.49	367.13	366.40	367.94
Food and kindred products	8.66	8.91	8.88	8.83	351.60	357.29	354.31	359.38
Tobacco manufactures	13.55	15.57	14.84	14.13	490.51	624.36	525.34	505.85
Textile mill products	6.97	7.15	7.14	7.19	288.56	303.16	297.74	301.26
Apparel and other textile products	5.83	5.91	5.89	5.88	213.96	221.03	217.93	219.32
Paper and allied products	11.19	11.41	11.50	11.46	483.41	494.05	496.80	493.93
Printing and publishing	10.02	10.19	10.24	10.28	381.76	384.16	387.07	391.67
Chemicals and allied products	11.99	12.27	12.36	12.35	499.98	516.57	517.88	518.70
Petroleum and coal products	14.06	14.43	14.46	14.46	624.26	624.82	646.36	649.25
Rubber and miscellaneous plastics products	8.77	8.87	8.94	8.90	361.32	370.77	367.43	369.35
Leather and leather products	5.92	6.04	5.97	6.05	217.86	237.37	229.25	232.32
Transportation and public utilities	11.67	11.91	11.99	12.07	459.80	465.68	472.41	474.35
Wholesale trade	9.32	9.57	9.57	9.63	358.82	367.49	366.53	370.76
Retail trade	5.97	6.08	6.07	6.06	178.50	179.97	182.10	183.62
Finance, insurance, and real estate	8.34	8.68	8.66	8.79	304.41	315.95	312.63	321.71
Services	8.04	8.35	8.33	8.40	263.71	272.21	273.22	277.20

1 See footnote 1, table B-2.

p = preliminary.

Table B-4. Hourly Earnings Index for production or nonsupervisory workers' on private nonagricultural payrolls by industry (1977 = 100)

Industry	Not seasonally adjusted					Seasonally adjusted						
	Aug. 1986	June 1987	July 1987p	Aug. 1987p	Percent change from: Aug. 1986- Aug. 1987	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987p	Aug. 1987p	Percent change from: July 1987- Aug. 1987
Total private nonfarm:												
Current dollars	168.6	172.6	172.7	173.0	2.6	169.5	172.6	172.9	172.9	173.2	173.9	0.4
Constant (1977) dollars	94.6	93.6	93.4	N.A.	(2)	95.2	94.2	94.0	93.8	93.7	N.A.	(3)
Mining	181.9	182.1	182.5	182.0	.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Construction	152.0	154.1	153.6	153.9	1.2	152.0	153.7	154.1	155.0	154.3	153.9	-.3
Manufacturing	171.9	174.7	175.0	174.4	1.5	172.7	175.0	174.4	174.7	174.8	175.3	.3
Transportation and public utilities	170.3	174.7	175.2	175.7	3.2	171.2	175.2	176.2	175.6	176.2	176.6	.2
Wholesale trade	172.0	176.4	176.5	177.5	3.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Retail trade	157.5	160.3	160.3	160.7	2.0	158.6	159.8	160.2	160.3	160.9	161.8	.6
Finance, insurance, and real estate	179.5	186.5	186.4	187.8	4.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Services	172.7	179.2	179.0	179.7	4.1	174.6	179.4	179.9	179.9	180.5	181.7	.7

1 See footnote 1, table B-2.

2 Percent change is -1.4 percent from July 1986 to July 1987, the latest month available.

3 Percent change is -.1 percent from June 1987 to July 1987, the latest month available.

4 These series are not seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

N.A. Data not available.

p = preliminary.

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Table B-5. Indexes of aggregate weekly hours of production or nonsupervisory workers' on private nonagricultural payrolls by industry

(1977 = 100)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Aug. 1986	June 1987	July 1987 P	Aug. 1987 P	Aug. 1986	Apr. 1987	May 1987	June 1987	July 1987 P	Aug. 1987 P
Total	120.1	122.1	122.4	123.8	117.6	119.6	120.2	120.0	120.6	121.2
Goods-producing	100.3	101.0	100.0	102.1	97.8	98.0	99.2	98.9	99.5	99.6
Mining	83.2	83.7	84.4	86.8	82.6	81.3	83.4	83.5	85.3	86.2
Construction	146.6	141.1	146.1	148.2	132.0	132.8	134.3	132.6	133.3	133.6
Manufacturing	92.2	94.0	91.9	93.9	91.9	92.1	93.1	93.1	93.6	93.7
Durable goods	89.0	91.5	88.5	90.2	89.9	89.6	90.5	90.5	90.5	91.1
Lumber and wood products	102.9	106.1	104.8	106.8	97.9	102.0	103.2	101.7	102.4	102.0
Furniture and fixtures	106.6	109.1	105.9	111.0	106.5	105.7	109.0	109.5	111.6	111.1
Stone, clay, and glass products	90.0	89.5	88.6	90.0	86.3	86.3	86.9	86.1	86.1	86.3
Primary metal industries	59.8	64.3	62.4	63.7	60.6	62.1	63.1	63.5	63.9	64.5
Blast furnaces and basic steel products	47.5	52.5	52.1	51.5	47.9	49.6	50.7	51.4	52.0	51.9
Fabricated metal products	87.7	90.3	86.6	89.1	88.4	88.4	89.0	89.1	89.0	89.9
Machinery, except electrical	84.2	87.0	84.8	85.6	86.0	84.8	86.0	86.5	87.0	87.4
Electrical and electronic equipment	100.5	100.0	97.6	99.4	101.3	99.0	99.4	99.9	100.5	100.3
Transportation equipment	92.3	97.1	90.9	91.5	97.5	96.6	97.3	96.6	94.5	96.5
Motor vehicles and equipment	80.2	86.4	78.1	78.2	86.8	85.6	86.1	85.1	81.2	84.7
Instruments and related products	101.3	103.1	100.8	102.4	102.1	101.0	102.0	102.2	103.0	103.5
Miscellaneous manufacturing	80.3	82.2	78.1	82.4	79.7	79.9	81.0	81.4	82.0	81.8
Nondurable goods	96.9	97.8	96.8	99.4	95.0	95.7	97.0	97.0	98.2	97.6
Food and kindred products	106.8	99.5	102.7	108.2	98.3	99.3	99.6	99.3	99.8	99.7
Tobacco manufactures	72.9	72.5	63.9	68.5	72.8	77.3	80.1	76.3	72.9	68.8
Textile mill products	79.7	84.4	82.0	84.0	78.8	81.3	82.9	83.3	85.4	82.9
Apparel and other textile products	84.8	87.6	84.1	86.7	84.6	83.5	85.8	85.9	88.2	86.5
Paper and allied products	99.5	101.2	100.2	100.3	99.2	99.5	100.5	100.0	100.6	100.2
Printing and publishing	128.0	129.8	129.6	131.0	128.1	128.7	130.0	131.1	131.6	131.1
Chemicals and allied products	92.7	93.9	94.2	94.6	93.1	93.4	93.7	92.8	94.5	94.9
Petroleum and coal products	85.8	85.2	87.8	89.4	83.5	82.9	84.5	83.4	84.9	86.8
Rubber and miscellaneous plastics products	109.9	115.7	111.8	114.6	110.7	112.6	114.5	114.8	115.3	115.9
Leather and leather products	56.5	62.0	58.6	62.0	55.8	57.4	59.5	59.7	61.4	61.1
Service-producing	131.1	133.8	134.7	135.8	128.6	131.5	131.9	131.7	132.2	133.2
Transportation and public utilities	105.6	109.4	109.5	109.5	104.8	107.9	108.5	107.6	108.9	108.6
Wholesale trade	118.4	118.7	118.7	119.4	117.5	117.4	117.7	117.6	117.5	118.3
Retail trade	122.2	123.3	124.6	125.9	118.6	121.6	121.2	120.4	121.1	122.3
Finance, insurance, and real estate	140.6	144.4	144.2	146.1	138.6	142.0	142.5	142.7	141.6	144.0
Services	149.5	153.7	155.1	156.3	146.5	150.3	151.2	151.7	152.4	153.3

¹ See footnote 1, table B-2.

P = preliminary.

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

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1985.....	55.9	47.0	52.4	47.3	53.2	46.8	53.8	53.8	47.8	53.2	54.3	57.3
	1986.....	53.2	48.1	48.1	53.5	52.4	46.8	52.4	56.2	55.1	53.2	59.7	59.7
	1987.....	53.5	56.8	58.6	58.4	58.6	55.1	p69.5	p54.9				
Over 3-month span	1985.....	51.1	48.4	42.4	46.5	44.3	49.7	47.0	48.6	45.9	47.6	55.1	56.5
	1986.....	49.7	44.9	45.7	48.4	47.6	45.4	48.4	55.1	55.9	58.1	58.6	60.3
	1987.....	58.6	59.5	61.1	61.6	61.4	p68.4	p65.1					
Over 6-month span	1985.....	46.5	46.5	43.2	44.3	44.3	45.1	43.0	44.3	49.2	49.2	47.3	45.9
	1986.....	47.6	47.6	43.0	43.2	45.4	48.4	47.3	53.0	59.2	58.9	57.8	58.9
	1987.....	61.9	62.7	58.9	p68.1	p65.9							
Over 12-month span	1985.....	44.6	44.1	43.8	40.8	41.6	41.6	42.2	42.4	43.8	44.3	44.1	42.4
	1986.....	43.2	44.1	46.2	45.7	47.8	49.5	49.5	51.6	54.9	52.2	55.1	56.5
	1987.....	p62.2	p64.6										

¹ Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 185 private nonagricultural industries. Data for the 12-month span are unadjusted.

P = preliminary.

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

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