

Employment & Earnings

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A-1. Employment status of the civilian noninstitutional population 16 years and over, 1970 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Number	Percent of population	Employed		Unemployed		
				Number	Percent of population	Number	Percent of labor force	
Annual averages								
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	56.6	5,016	5.9	55,834
1972 ¹	144,126	87,034	60.4	82,153	57.0	4,882	5.6	57,091
1973 ¹	147,096	89,429	60.8	85,064	57.8	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	57.8	5,156	5.6	58,171
1975	153,153	93,774	61.2	85,846	56.1	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	56.8	7,406	7.7	59,991
1977	159,033	99,008	62.3	92,017	57.9	6,991	7.1	60,025
1978 ¹	161,910	102,250	63.2	96,048	59.3	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,302	59.2	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665
1984	176,383	113,544	64.4	105,005	59.5	8,539	7.5	62,839
1985	178,206	115,461	64.8	107,150	60.1	8,312	7.2	62,744
1986 ¹	180,587	117,834	65.3	109,597	60.7	8,237	7.0	62,752
1987	182,753	119,865	65.6	112,440	61.5	7,425	6.2	62,888
1988	184,613	121,669	65.9	114,968	62.3	6,701	5.5	62,944
1989	186,393	123,869	66.5	117,342	63.0	6,528	5.3	62,523
1990 ¹	189,164	125,840	66.5	118,793	62.8	7,047	5.6	63,324
1991	190,925	126,346	66.2	117,718	61.7	8,628	6.8	64,578
1992	192,805	128,105	66.4	118,492	61.5	9,613	7.5	64,700
1993	194,838	129,200	66.3	120,259	61.7	8,940	6.9	65,638
1994 ¹	196,814	131,056	66.6	123,060	62.5	7,996	6.1	65,758
1995	198,584	132,304	66.6	124,900	62.9	7,404	5.6	66,280
1996	200,591	133,943	66.8	126,708	63.2	7,236	5.4	66,647
1997 ¹	203,133	136,297	67.1	129,558	63.8	6,739	4.9	66,836
1998 ¹	205,220	137,673	67.1	131,463	64.1	6,210	4.5	67,547
1999 ¹	207,753	139,368	67.1	133,488	64.3	5,880	4.2	68,385
2000 ¹	212,577	142,583	67.1	136,891	64.4	5,692	4.0	69,994
2001	215,092	143,734	66.8	136,933	63.7	6,801	4.7	71,359
2002	217,570	144,863	66.6	136,485	62.7	8,378	5.8	72,707
2003 ¹	221,168	146,510	66.2	137,736	62.3	8,774	6.0	74,658
2004 ¹	223,357	147,401	66.0	139,252	62.3	8,149	5.5	75,956
2005 ¹	226,082	149,320	66.0	141,730	62.7	7,591	5.1	76,762
2006 ¹	228,815	151,428	66.2	144,427	63.1	7,001	4.6	77,387
Monthly data, seasonally adjusted ²								
2006:								
November	229,905	152,449	66.3	145,623	63.3	6,826	4.5	77,456
December	230,108	152,775	66.4	145,926	63.4	6,849	4.5	77,333
2007:								
January ³	230,650	152,974	66.3	145,957	63.3	7,017	4.6	77,676
February	230,834	152,784	66.2	145,919	63.2	6,865	4.5	78,050
March	231,034	152,979	66.2	146,254	63.3	6,724	4.4	78,055
April	231,253	152,587	66.0	145,786	63.0	6,801	4.5	78,666
May	231,480	152,762	66.0	145,943	63.0	6,819	4.5	78,718
June	231,713	153,072	66.1	146,140	63.1	6,933	4.5	78,641
July	231,958	153,231	66.1	146,110	63.0	7,121	4.6	78,727
August	232,211	152,891	65.8	145,794	62.8	7,097	4.6	79,319
September	232,461	153,464	66.0	146,257	62.9	7,207	4.7	78,997
October	232,715	153,253	65.9	146,007	62.7	7,245	4.7	79,462
November	232,939	153,870	66.1	146,703	63.0	7,167	4.7	79,069

¹ Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error.

² The population figures are not adjusted for seasonal variation.

³ Beginning in January 2007, data are not strictly comparable with data for 2006 and earlier years because of the revisions in the population controls used in the household survey.

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1994 to date

(Numbers in thousands)

Sex, year, and month	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Number	Percent of population	Employed		Unemployed		
				Number	Percent of population	Number	Percent of labor force	
Annual averages								
MEN								
1994 ¹	94,354	70,817	75.1	66,450	70.4	4,367	6.2	23,538
1995	95,178	71,360	75.0	67,377	70.8	3,983	5.6	23,818
1996	96,206	72,086	74.9	68,207	70.9	3,880	5.4	24,119
1997 ¹	97,715	73,261	75.0	69,685	71.3	3,577	4.9	24,454
1998 ¹	98,758	73,959	74.9	70,693	71.6	3,266	4.4	24,799
1999 ¹	99,722	74,512	74.7	71,446	71.6	3,066	4.1	25,210
2000 ¹	101,964	76,280	74.8	73,305	71.9	2,975	3.9	25,684
2001	103,282	76,886	74.4	73,196	70.9	3,690	4.8	26,396
2002	104,585	77,500	74.1	72,903	69.7	4,597	5.9	27,085
2003 ¹	106,435	78,238	73.5	73,332	68.9	4,906	6.3	28,197
2004 ¹	107,710	78,980	73.3	74,524	69.2	4,456	5.6	28,730
2005 ¹	109,151	80,033	73.3	75,973	69.6	4,059	5.1	29,119
2006 ¹	110,605	81,255	73.5	77,502	70.1	3,753	4.6	29,350
Monthly data, seasonally adjusted²								
2006:								
November	111,180	81,798	73.6	78,148	70.3	3,650	4.5	29,382
December	111,288	82,030	73.7	78,311	70.4	3,718	4.5	29,259
2007:								
January ³	111,528	82,060	73.6	78,237	70.2	3,823	4.7	29,468
February	111,627	82,014	73.5	78,172	70.0	3,842	4.7	29,613
March	111,733	82,044	73.4	78,344	70.1	3,701	4.5	29,689
April	111,849	82,076	73.4	78,344	70.0	3,732	4.5	29,773
May	111,970	82,083	73.3	78,323	70.0	3,760	4.6	29,887
June	112,093	82,110	73.3	78,281	69.8	3,829	4.7	29,983
July	112,222	82,167	73.2	78,292	69.8	3,875	4.7	30,055
August	112,354	81,915	72.9	78,082	69.5	3,833	4.7	30,439
September	112,486	82,193	73.1	78,207	69.5	3,986	4.8	30,293
October	112,619	82,194	73.0	78,179	69.4	4,014	4.9	30,426
November	112,737	82,532	73.2	78,614	69.7	3,919	4.7	30,205
Annual averages								
WOMEN								
1994 ¹	102,460	60,239	58.8	56,610	55.3	3,629	6.0	42,221
1995	103,406	60,944	58.9	57,523	55.6	3,421	5.6	42,462
1996	104,385	61,857	59.3	58,501	56.0	3,356	5.4	42,528
1997 ¹	105,418	63,036	59.8	59,873	56.8	3,162	5.0	42,382
1998 ¹	106,462	63,714	59.8	60,771	57.1	2,944	4.6	42,748
1999 ¹	108,031	64,855	60.0	62,042	57.4	2,814	4.3	43,175
2000 ¹	110,613	66,303	59.9	63,586	57.5	2,717	4.1	44,310
2001	111,811	66,848	59.8	63,737	57.0	3,111	4.7	44,962
2002	112,985	67,363	59.6	63,582	56.3	3,781	5.6	45,621
2003 ¹	114,733	68,272	59.5	64,404	56.1	3,868	5.7	46,461
2004 ¹	115,647	68,421	59.2	64,728	56.0	3,694	5.4	47,225
2005 ¹	116,931	69,288	59.3	65,757	56.2	3,531	5.1	47,643
2006 ¹	118,210	70,173	59.4	66,925	56.6	3,247	4.6	48,037
Monthly data, seasonally adjusted²								
2006:								
November	118,724	70,651	59.5	67,475	56.8	3,176	4.5	48,073
December	118,820	70,745	59.5	67,615	56.9	3,130	4.4	48,074
2007:								
January ³	119,122	70,914	59.5	67,720	56.8	3,194	4.5	48,207
February	119,207	70,770	59.4	67,747	56.8	3,023	4.3	48,437
March	119,300	70,934	59.5	67,911	56.9	3,024	4.3	48,366
April	119,403	70,511	59.1	67,442	56.5	3,069	4.4	48,893
May	119,510	70,679	59.1	67,620	56.6	3,059	4.3	48,831
June	119,620	70,962	59.3	67,859	56.7	3,104	4.4	48,658
July	119,736	71,064	59.4	67,819	56.6	3,245	4.6	48,672
August	119,856	70,976	59.2	67,712	56.5	3,264	4.6	48,880
September	119,975	71,271	59.4	68,050	56.7	3,221	4.5	48,704
October	120,096	71,059	59.2	67,828	56.5	3,231	4.5	49,037
November	120,202	71,337	59.3	68,089	56.6	3,248	4.6	48,865

¹ Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error.

² The population figures are not adjusted for seasonal variation.

³ Beginning in January 2007, data are not strictly comparable with data for 2006 and earlier years because of the revisions in the population controls used in the household survey.

A-4. Employment status of the civilian noninstitutional population by race, Hispanic or Latino ethnicity, sex, and age, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic or Latino ethnicity	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
WHITE													
Civilian noninstitutional population ¹	186,988	187,115	187,471	187,582	187,704	187,843	187,993	188,148	188,312	188,479	188,644	188,813	188,956
Civilian labor force	124,536	124,783	124,908	124,676	124,888	124,450	124,618	124,922	124,966	124,593	125,245	125,109	125,427
Percent of population	66.6	66.7	66.6	66.5	66.5	66.3	66.3	66.4	66.4	66.1	66.4	66.3	66.4
Employed	119,636	119,813	119,767	119,669	120,115	119,547	119,724	119,872	119,747	119,349	119,948	119,875	120,209
Employment-population ratio	64.0	64.0	63.9	63.8	64.0	63.6	63.7	63.7	63.6	63.3	63.6	63.5	63.6
Unemployed	4,900	4,970	5,141	5,007	4,773	4,904	4,893	5,050	5,219	5,243	5,297	5,233	5,218
Unemployment rate	3.9	4.0	4.1	4.0	3.8	3.9	3.9	4.0	4.2	4.2	4.2	4.2	4.2
Not in labor force	62,452	62,333	62,562	62,905	62,817	63,393	63,375	63,226	63,346	63,887	63,399	63,705	63,529
Men, 20 years and over													
Civilian labor force	64,935	65,084	65,109	65,113	65,206	65,165	65,196	65,197	65,224	65,018	65,202	65,230	65,504
Percent of population	76.6	76.7	76.6	76.5	76.6	76.5	76.4	76.4	76.3	76.0	76.2	76.1	76.4
Employed	62,712	62,766	62,693	62,703	63,007	62,884	62,924	62,871	62,768	62,556	62,646	62,748	63,091
Employment-population ratio	73.9	73.9	73.7	73.7	74.0	73.8	73.8	73.6	73.5	73.1	73.2	73.2	73.5
Unemployed	2,223	2,318	2,416	2,410	2,199	2,282	2,272	2,326	2,456	2,462	2,556	2,482	2,413
Unemployment rate	3.4	3.6	3.7	3.7	3.4	3.5	3.5	3.6	3.8	3.8	3.9	3.8	3.7
Women, 20 years and over													
Civilian labor force	53,594	53,633	53,809	53,667	53,839	53,486	53,663	53,842	53,922	53,961	54,209	54,093	54,214
Percent of population	60.1	60.1	60.1	60.0	60.1	59.7	59.8	60.0	60.0	60.0	60.3	60.1	60.2
Employed	51,700	51,795	51,877	51,840	52,036	51,636	51,842	51,953	51,957	51,978	52,300	52,149	52,250
Employment-population ratio	57.9	58.0	58.0	57.9	58.1	57.6	57.8	57.9	57.9	57.8	58.1	57.9	58.0
Unemployed	1,893	1,838	1,932	1,827	1,803	1,851	1,821	1,889	1,965	1,983	1,909	1,944	1,964
Unemployment rate	3.5	3.4	3.6	3.4	3.3	3.5	3.4	3.5	3.6	3.7	3.5	3.6	3.6
Both sexes, 16 to 19 years													
Civilian labor force	6,008	6,066	5,990	5,896	5,843	5,799	5,759	5,884	5,820	5,614	5,834	5,785	5,709
Percent of population	46.4	46.8	46.1	45.3	44.9	44.5	44.2	45.1	44.6	43.0	44.6	44.2	43.6
Employed	5,223	5,252	5,197	5,126	5,072	5,027	4,958	5,048	5,022	4,816	5,002	4,979	4,868
Employment-population ratio	40.4	40.5	40.0	39.4	39.0	38.6	38.0	38.7	38.5	36.9	38.3	38.1	37.2
Unemployed	784	814	793	770	771	772	800	836	797	798	832	807	840
Unemployment rate	13.1	13.4	13.2	13.1	13.2	13.3	13.9	14.2	13.7	14.2	14.3	13.9	14.7
BLACK OR AFRICAN AMERICAN													
Civilian noninstitutional population ¹	27,193	27,231	27,276	27,310	27,346	27,385	27,422	27,459	27,498	27,541	27,584	27,627	27,666
Civilian labor force	17,444	17,512	17,639	17,549	17,436	17,510	17,433	17,493	17,645	17,523	17,493	17,422	17,457
Percent of population	64.2	64.3	64.7	64.3	63.8	63.9	63.6	63.7	64.2	63.6	63.4	63.1	63.1
Employed	15,950	16,045	16,226	16,154	15,988	16,065	15,946	16,005	16,229	16,175	16,077	15,938	15,993
Employment-population ratio	58.7	58.9	59.5	59.2	58.5	58.7	58.2	58.3	59.0	58.7	58.3	57.7	57.8
Unemployed	1,494	1,466	1,412	1,395	1,448	1,444	1,487	1,488	1,416	1,349	1,416	1,484	1,464
Unemployment rate	8.6	8.4	8.0	7.9	8.3	8.2	8.5	8.5	8.0	7.7	8.1	8.5	8.4
Not in labor force	9,749	9,719	9,637	9,761	9,910	9,875	9,988	9,966	9,854	10,018	10,090	10,204	10,208
Men, 20 years and over													
Civilian labor force	7,778	7,812	7,893	7,846	7,804	7,860	7,788	7,816	7,987	7,955	7,884	7,814	7,897
Percent of population	71.1	71.3	72.0	71.5	71.0	71.4	70.6	70.8	72.2	71.8	71.0	70.3	70.9
Employed	7,170	7,240	7,304	7,262	7,103	7,201	7,146	7,144	7,383	7,411	7,303	7,178	7,281
Employment-population ratio	65.5	66.1	66.6	66.1	64.6	65.4	64.8	64.7	66.7	66.9	65.8	64.6	65.4
Unemployed	608	572	588	584	701	659	642	672	604	545	581	636	616
Unemployment rate	7.8	7.3	7.5	7.4	9.0	8.4	8.2	8.6	7.6	6.8	7.4	8.1	7.8
Women, 20 years and over													
Civilian labor force	8,798	8,840	8,891	8,850	8,832	8,798	8,832	8,858	8,880	8,808	8,852	8,838	8,776
Percent of population	64.4	64.7	64.9	64.5	64.3	64.0	64.2	64.3	64.4	63.8	64.0	63.8	63.3
Employed	8,152	8,171	8,316	8,286	8,285	8,273	8,234	8,298	8,274	8,241	8,235	8,203	8,160
Employment-population ratio	59.7	59.8	60.7	60.4	60.4	60.2	59.8	60.2	60.0	59.7	59.5	59.2	58.8
Unemployed	647	669	575	564	547	525	598	561	605	567	618	635	616
Unemployment rate	7.4	7.6	6.5	6.4	6.2	6.0	6.8	6.3	6.8	6.4	7.0	7.2	7.0

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-4. Employment status of the civilian noninstitutional population by race, Hispanic or Latino ethnicity, sex, and age, seasonally adjusted—Continued

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic or Latino ethnicity	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
BLACK OR AFRICAN AMERICAN—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	868	860	855	852	800	852	814	819	778	760	757	770	784
Percent of population	33.4	33.0	32.7	32.5	30.5	32.4	30.9	31.0	29.4	28.7	28.6	29.0	29.5
Employed	629	634	606	605	600	591	567	564	572	523	539	558	553
Employment-population ratio	24.2	24.4	23.2	23.1	22.9	22.5	21.5	21.4	21.6	19.7	20.3	21.0	20.8
Unemployed	239	226	249	247	200	261	247	255	206	237	218	212	231
Unemployment rate	27.6	26.2	29.1	29.0	25.0	30.6	30.4	31.2	26.5	31.2	28.8	27.6	29.5
HISPANIC OR LATINO ETHNICITY													
Civilian noninstitutional population ¹ ...	30,508	30,596	30,877	30,965	31,055	31,147	31,238	31,329	31,423	31,520	31,617	31,714	31,809
Civilian labor force	20,994	21,176	21,439	21,318	21,390	21,445	21,425	21,404	21,602	21,795	21,901	21,775	21,895
Percent of population	68.8	69.2	69.4	68.8	68.9	68.9	68.6	68.3	68.7	69.1	69.3	68.7	68.8
Employed	19,953	20,131	20,221	20,204	20,288	20,284	20,189	20,191	20,331	20,599	20,654	20,563	20,656
Employment-population ratio	65.4	65.8	65.5	65.2	65.3	65.1	64.6	64.4	64.7	65.4	65.3	64.8	64.9
Unemployed	1,042	1,045	1,218	1,115	1,101	1,161	1,237	1,212	1,271	1,196	1,247	1,212	1,239
Unemployment rate	5.0	4.9	5.7	5.2	5.1	5.4	5.8	5.7	5.9	5.5	5.7	5.6	5.7
Not in labor force	9,513	9,419	9,438	9,647	9,665	9,702	9,813	9,926	9,821	9,725	9,716	9,939	9,914

¹ The population figures are not adjusted for seasonal variation.

NOTE: Estimates for the above race groups (white and black or African American) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-5. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, seasonally adjusted

(Numbers in thousands)

Educational attainment	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Less than a high school diploma													
Civilian labor force	12,681	12,719	12,870	13,150	13,033	12,765	12,440	12,017	12,141	12,031	12,161	12,113	12,223
Participation rate	46.4	46.8	47.0	47.9	47.2	46.5	45.9	45.0	47.8	46.4	46.2	47.2	46.8
Employed	11,855	11,877	11,993	12,212	12,126	11,847	11,610	11,208	11,274	11,225	11,263	11,227	11,293
Employment-population ratio	43.4	43.7	43.8	44.4	43.9	43.1	42.9	41.9	44.4	43.3	42.8	43.8	43.2
Unemployed	826	842	877	938	906	917	831	809	867	806	898	887	930
Unemployment rate	6.5	6.6	6.8	7.1	7.0	7.2	6.7	6.7	7.1	6.7	7.4	7.3	7.6
High school graduates, no college ¹													
Civilian labor force	38,489	38,373	38,723	38,723	38,610	38,319	38,103	38,277	38,447	38,549	38,828	38,552	38,691
Participation rate	63.0	63.0	62.8	62.8	62.9	62.6	62.6	63.3	62.9	63.0	63.0	62.7	62.6
Employed	36,837	36,722	37,083	37,063	37,042	36,758	36,383	36,721	36,743	36,885	37,060	36,768	36,966
Employment-population ratio	60.3	60.3	60.1	60.1	60.3	60.1	59.8	60.3	60.5	60.2	60.1	59.8	59.8
Unemployed	1,652	1,651	1,641	1,660	1,568	1,562	1,720	1,556	1,703	1,664	1,768	1,784	1,726
Unemployment rate	4.3	4.3	4.2	4.3	4.1	4.1	4.5	4.1	4.4	4.3	4.6	4.6	4.5
Some college or associate degree													
Civilian labor force	35,469	35,593	35,092	34,678	35,200	35,620	36,098	36,340	36,281	35,961	35,987	36,190	36,363
Participation rate	72.4	72.5	72.2	71.2	71.6	72.2	72.8	72.8	71.4	71.9	71.8	71.2	72.0
Employed	34,293	34,393	33,802	33,434	33,944	34,337	34,865	35,077	34,998	34,629	34,750	34,915	35,155
Employment-population ratio	70.0	70.1	69.6	68.6	69.1	69.6	70.3	70.3	68.9	69.2	69.4	68.7	69.6
Unemployed	1,176	1,200	1,290	1,244	1,256	1,283	1,234	1,263	1,283	1,331	1,237	1,274	1,207
Unemployment rate	3.3	3.4	3.7	3.6	3.6	3.6	3.4	3.5	3.5	3.7	3.4	3.5	3.3
Bachelor's degree and higher ²													
Civilian labor force	43,225	43,565	43,584	43,770	43,660	43,567	44,052	44,254	44,474	44,594	44,132	44,204	44,247
Participation rate	78.0	78.1	78.2	78.6	78.6	77.9	77.9	78.0	77.3	77.5	77.5	77.2	77.6
Employed	42,423	42,742	42,673	42,930	42,858	42,773	43,191	43,380	43,540	43,680	43,264	43,271	43,283
Employment-population ratio	76.5	76.6	76.6	77.1	77.1	76.5	76.4	76.4	75.7	75.9	76.0	75.6	75.9
Unemployed	802	823	911	839	801	793	861	874	934	914	868	934	965
Unemployment rate	1.9	1.9	2.1	1.9	1.8	1.8	2.0	2.0	2.1	2.0	2.0	2.1	2.2

¹ Includes persons with a high school diploma or equivalent.

² Includes persons with bachelor's, master's, professional, and doctoral degrees.

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. See box note in the BLS news release USDL 07-0486, "The Employment Situation: March 2007," issued on April 6, 2007, for a discussion of technical issues regarding educational attainment data.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-6. Employed and unemployed full- and part-time workers by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time status, sex, and age	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
EMPLOYED													
Full-time workers	120,812	120,716	120,965	120,819	121,035	120,348	120,997	120,645	121,122	120,995	121,332	121,606	122,049
Men, 16 years and over	69,940	69,995	70,119	70,028	70,125	70,192	70,198	69,733	70,106	69,814	69,833	70,018	70,614
Men, 20 years and over	68,832	68,840	68,982	68,868	69,089	69,133	69,094	68,698	69,048	68,768	68,759	68,919	69,461
Women, 16 years and over	50,936	50,791	50,901	50,808	50,840	50,118	50,815	50,861	51,005	51,200	51,556	51,581	51,513
Women, 20 years and over	50,126	50,069	50,141	50,076	50,112	49,422	50,113	50,162	50,328	50,593	50,810	50,882	50,762
Both sexes, 16 to 19 years	1,854	1,807	1,842	1,874	1,834	1,793	1,789	1,785	1,746	1,634	1,762	1,805	1,826
Part-time workers	24,779	25,209	24,990	24,983	25,120	25,248	24,880	25,555	25,102	24,897	25,039	24,490	24,625
Men, 16 years and over	8,259	8,377	8,216	8,194	8,186	8,085	8,104	8,527	8,266	8,389	8,406	8,212	8,028
Men, 20 years and over	6,294	6,386	6,234	6,267	6,233	6,157	6,265	6,634	6,351	6,553	6,537	6,324	6,376
Women, 16 years and over	16,535	16,801	16,744	16,818	16,958	17,157	16,778	16,984	16,824	16,477	16,641	16,324	16,591
Women, 20 years and over	14,208	14,472	14,448	14,530	14,674	14,927	14,542	14,706	14,519	14,242	14,342	14,052	14,267
Both sexes, 16 to 19 years	4,276	4,351	4,307	4,185	4,213	4,164	4,073	4,215	4,233	4,103	4,160	4,113	3,982
UNEMPLOYED													
Looking for full-time work	5,508	5,562	5,717	5,569	5,515	5,507	5,504	5,678	5,861	5,835	6,037	5,996	5,891
Men, 16 years and over	3,074	3,156	3,300	3,269	3,207	3,135	3,212	3,293	3,290	3,253	3,526	3,516	3,357
Men, 20 years and over	2,773	2,832	2,959	2,960	2,884	2,836	2,861	2,929	2,989	2,971	3,101	3,148	2,997
Women, 16 years and over	2,434	2,403	2,414	2,302	2,320	2,362	2,303	2,398	2,520	2,572	2,552	2,484	2,518
Women, 20 years and over	2,244	2,160	2,202	2,070	2,096	2,112	2,089	2,168	2,364	2,330	2,340	2,277	2,325
Both sexes, 16 to 19 years	492	569	556	539	535	559	554	581	508	533	595	571	570
Looking for part-time work	1,312	1,282	1,303	1,283	1,178	1,326	1,290	1,245	1,324	1,271	1,229	1,268	1,297
Men, 16 years and over	556	555	540	557	483	606	541	552	593	566	547	494	551
Men, 20 years and over	254	272	269	271	231	326	280	263	300	256	255	239	253
Women, 16 years and over	752	765	768	727	703	736	739	711	710	702	678	755	736
Women, 20 years and over	476	486	501	480	451	473	467	447	468	450	438	501	481
Both sexes, 16 to 19 years	583	525	534	532	496	527	543	535	556	565	535	528	563
UNEMPLOYMENT RATES													
Full-time workers	4.4	4.4	4.5	4.4	4.4	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.6
Men, 16 years and over	4.2	4.3	4.5	4.5	4.4	4.3	4.4	4.5	4.5	4.5	4.8	4.8	4.5
Men, 20 years and over	3.9	4.0	4.1	4.1	4.0	3.9	4.0	4.1	4.1	4.1	4.3	4.4	4.1
Women, 16 years and over	4.6	4.5	4.5	4.3	4.4	4.5	4.3	4.5	4.7	4.8	4.7	4.6	4.7
Women, 20 years and over	4.3	4.1	4.2	4.0	4.0	4.1	4.0	4.1	4.5	4.4	4.4	4.3	4.4
Both sexes, 16 to 19 years	21.0	24.0	23.2	22.3	22.6	23.8	23.7	24.6	22.5	24.6	25.3	24.0	23.8
Part-time workers	5.0	4.8	5.0	4.9	4.5	5.0	4.9	4.6	5.0	4.9	4.7	4.9	5.0
Men, 16 years and over	6.3	6.2	6.2	6.4	5.6	7.0	6.3	6.1	6.7	6.3	6.1	5.7	6.4
Men, 20 years and over	3.9	4.1	4.1	4.1	3.6	5.0	4.3	3.8	4.5	3.8	3.8	3.6	3.8
Women, 16 years and over	4.3	4.4	4.4	4.1	4.0	4.1	4.2	4.0	4.0	4.1	3.9	4.4	4.2
Women, 20 years and over	3.2	3.2	3.3	3.2	3.0	3.1	3.1	2.9	3.1	3.1	3.0	3.4	3.3
Both sexes, 16 to 19 years	12.0	10.8	11.0	11.3	10.5	11.2	11.8	11.3	11.6	12.1	11.4	11.4	12.4

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-7. Employed persons by class of worker and part-time status, seasonally adjusted

(In thousands)

Category	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
CLASS OF WORKER													
Agriculture and related industries	2,173	2,291	2,266	2,343	2,241	2,053	2,100	1,941	1,993	1,843	2,054	2,076	2,140
Wage and salary workers	1,283	1,415	1,358	1,441	1,327	1,205	1,224	1,155	1,157	1,016	1,160	1,177	1,222
Self-employed workers	869	879	890	892	897	858	845	775	823	806	853	877	896
Nonagricultural industries	143,423	143,646	143,681	143,537	144,032	143,687	143,815	144,122	144,159	143,952	144,325	143,945	144,496
Wage and salary workers	133,583	133,636	134,018	133,798	134,110	133,874	133,994	134,128	134,339	134,269	134,604	134,535	135,112
Private industries	112,811	112,888	113,050	112,918	113,171	112,762	112,757	113,000	113,319	113,133	113,488	113,624	114,155
Industries except private households ...	112,057	112,147	112,309	112,026	112,283	111,967	111,892	112,196	112,554	112,384	112,676	112,838	113,355
Government	20,753	20,734	20,902	20,872	20,931	21,046	21,227	21,082	21,024	21,148	21,133	20,915	20,966
Self-employed workers	9,709	9,865	9,520	9,605	9,737	9,713	9,716	9,878	9,706	9,652	9,589	9,242	9,291
PERSONS AT WORK PART TIME ¹													
All industries:													
Part time for economic reasons	4,183	4,232	4,246	4,212	4,278	4,374	4,484	4,290	4,313	4,516	4,512	4,335	4,494
Slack work or business conditions	2,711	2,706	2,753	2,729	2,769	2,849	2,963	2,790	2,724	2,933	2,986	2,781	2,983
Could only find part-time work	1,168	1,234	1,185	1,208	1,215	1,248	1,265	1,203	1,217	1,168	1,148	1,207	1,217
Part time for noneconomic reasons	19,780	19,885	19,761	19,907	20,088	19,948	19,626	20,112	20,014	19,835	19,891	19,329	19,550
Nonagricultural industries:													
Part time for economic reasons	4,091	4,159	4,155	4,088	4,196	4,308	4,403	4,194	4,240	4,459	4,407	4,251	4,435
Slack work or business conditions	2,661	2,653	2,686	2,662	2,698	2,811	2,904	2,737	2,683	2,903	2,920	2,736	2,953
Could only find part-time work	1,140	1,221	1,165	1,187	1,196	1,236	1,256	1,204	1,211	1,147	1,142	1,203	1,201
Part time for noneconomic reasons	19,423	19,512	19,410	19,521	19,677	19,570	19,200	19,758	19,660	19,569	19,570	19,121	19,249

¹ Persons at work excludes employed persons who were absent from their jobs during the entire reference week for reasons such as vacation, illness, or industrial dispute. Part time for noneconomic reasons excludes persons who usually work full time but worked only 1 to 34 hours during the reference week for reasons such as holidays, illness, and bad weather.

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-8. Selected employment indicators, seasonally adjusted

(In thousands)

Characteristic	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
AGE AND SEX													
Total, 16 years and over	145,623	145,926	145,957	145,919	146,254	145,786	145,943	146,140	146,110	145,794	146,257	146,007	146,703
16 to 19 years	6,202	6,200	6,145	6,078	6,019	5,970	5,862	5,972	5,940	5,665	5,894	5,905	5,825
16 to 17 years	2,520	2,513	2,394	2,275	2,301	2,315	2,308	2,351	2,303	2,255	2,270	2,318	2,196
18 to 19 years	3,665	3,655	3,734	3,777	3,715	3,628	3,550	3,645	3,667	3,389	3,630	3,594	3,624
20 years and over	139,421	139,726	139,813	139,841	140,235	139,815	140,081	140,167	140,170	140,129	140,364	140,102	140,878
20 to 24 years	13,905	14,073	14,086	14,139	14,204	13,982	13,967	13,994	13,964	13,876	13,972	13,837	13,999
25 years and over	125,548	125,677	125,634	125,597	125,916	125,667	126,006	126,184	126,291	126,445	126,508	126,266	126,827
25 to 54 years	100,312	100,385	100,627	100,319	100,488	100,365	100,434	100,452	100,344	100,563	100,497	100,316	100,646
25 to 34 years	31,237	31,283	31,411	31,366	31,530	31,588	31,550	31,632	31,667	31,717	31,587	31,609	31,638
35 to 44 years	34,660	34,589	34,689	34,618	34,520	34,378	34,344	34,215	34,151	34,214	34,227	34,118	34,186
45 to 54 years	34,415	34,513	34,527	34,335	34,438	34,400	34,539	34,605	34,526	34,632	34,682	34,589	34,822
55 years and over	25,235	25,293	25,007	25,278	25,428	25,302	25,572	25,732	25,947	25,882	26,011	25,950	26,181
Men, 16 years and over	78,148	78,311	78,237	78,172	78,344	78,344	78,323	78,281	78,292	78,082	78,207	78,179	78,614
16 to 19 years	3,060	3,077	3,079	3,034	3,020	3,031	2,942	2,969	2,930	2,798	2,911	2,903	2,763
16 to 17 years	1,190	1,193	1,195	1,124	1,126	1,157	1,097	1,139	1,119	1,065	1,073	1,116	959
18 to 19 years	1,855	1,872	1,881	1,915	1,903	1,865	1,842	1,851	1,815	1,746	1,834	1,791	1,795
20 years and over	75,088	75,235	75,158	75,138	75,323	75,313	75,380	75,312	75,362	75,284	75,296	75,276	75,851
20 to 24 years	7,429	7,468	7,457	7,435	7,458	7,412	7,406	7,368	7,417	7,333	7,294	7,307	7,459
25 years and over	67,668	67,776	67,648	67,665	67,811	67,846	67,924	67,969	67,990	68,049	68,029	67,970	68,344
25 to 54 years	54,236	54,318	54,406	54,282	54,358	54,412	54,382	54,312	54,257	54,317	54,229	54,252	54,431
25 to 34 years	17,213	17,338	17,325	17,314	17,470	17,478	17,429	17,466	17,560	17,499	17,450	17,442	17,468
35 to 44 years	18,787	18,750	18,862	18,839	18,779	18,804	18,783	18,643	18,567	18,651	18,575	18,541	18,568
45 to 54 years	18,237	18,231	18,220	18,129	18,109	18,130	18,169	18,203	18,167	18,203	18,269	18,269	18,395
55 years and over	13,432	13,458	13,242	13,383	13,454	13,434	13,543	13,657	13,733	13,732	13,800	13,718	13,913
Women, 16 years and over	67,475	67,615	67,720	67,747	67,911	67,442	67,620	67,859	67,819	67,712	68,050	67,828	68,089
16 to 19 years	3,142	3,124	3,066	3,044	2,999	2,940	2,919	3,004	3,011	2,867	2,983	3,002	3,063
16 to 17 years	1,330	1,319	1,198	1,151	1,175	1,157	1,211	1,212	1,183	1,190	1,197	1,202	1,237
18 to 19 years	1,809	1,783	1,853	1,863	1,812	1,763	1,707	1,794	1,852	1,643	1,796	1,803	1,829
20 years and over	64,333	64,491	64,654	64,703	64,912	64,502	64,701	64,855	64,808	64,845	65,068	64,826	65,027
20 to 24 years	6,476	6,605	6,629	6,704	6,746	6,570	6,561	6,626	6,546	6,544	6,679	6,530	6,541
25 years and over	57,880	57,902	57,986	57,932	58,105	57,821	58,081	58,215	58,301	58,396	58,479	58,296	58,483
25 to 54 years	46,076	46,066	46,221	46,037	46,130	45,954	46,052	46,140	46,087	46,246	46,268	46,064	46,215
25 to 34 years	14,024	13,945	14,086	14,052	14,060	14,110	14,121	14,165	14,107	14,218	14,137	14,167	14,170
35 to 44 years	15,874	15,839	15,828	15,779	15,741	15,574	15,561	15,572	15,584	15,564	15,651	15,577	15,618
45 to 54 years	16,178	16,282	16,307	16,206	16,329	16,270	16,370	16,402	16,396	16,465	16,479	16,320	16,427
55 years and over	11,804	11,835	11,765	11,895	11,974	11,867	12,029	12,075	12,215	12,150	12,211	12,232	12,268
MARITAL STATUS													
Married men, spouse present	45,802	45,864	46,066	46,231	46,527	46,500	46,531	46,527	46,330	46,192	46,238	46,176	46,381
Married women, spouse present	35,363	35,383	35,536	35,728	36,167	36,037	36,194	36,217	35,997	35,826	35,739	35,483	35,722
MULTIPLE JOBHOLDERS													
Total multiple jobholders	7,765	7,743	7,683	7,739	7,740	7,937	7,815	7,707	7,674	7,555	7,509	7,583	7,652
Percent of total employed	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.3	5.3	5.2	5.1	5.2	5.2

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Age, sex, and marital status	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
AGE AND SEX													
Total, 16 years and over	6,826	6,849	7,017	6,865	6,724	6,801	6,819	6,933	7,121	7,097	7,207	7,245	7,167
16 to 19 years	1,099	1,108	1,083	1,064	1,020	1,075	1,095	1,124	1,062	1,086	1,120	1,094	1,137
16 to 17 years	529	511	487	453	450	459	461	475	462	515	518	486	511
18 to 19 years	568	581	591	602	568	639	644	671	600	580	604	592	609
20 years and over	5,727	5,740	5,933	5,801	5,704	5,726	5,724	5,809	6,059	6,011	6,086	6,151	6,030
20 to 24 years	1,271	1,213	1,240	1,123	1,162	1,184	1,100	1,223	1,294	1,256	1,357	1,287	1,229
25 years and over	4,452	4,524	4,701	4,684	4,517	4,537	4,607	4,555	4,819	4,759	4,770	4,833	4,815
25 to 54 years	3,668	3,779	3,842	3,890	3,689	3,743	3,785	3,732	3,949	3,913	3,930	3,991	3,993
25 to 34 years	1,420	1,406	1,550	1,586	1,448	1,442	1,495	1,515	1,513	1,532	1,604	1,580	1,555
35 to 44 years	1,257	1,336	1,217	1,172	1,139	1,193	1,191	1,161	1,327	1,263	1,202	1,218	1,250
45 to 54 years	991	1,037	1,075	1,132	1,101	1,108	1,099	1,056	1,110	1,118	1,123	1,194	1,188
55 years and over	767	774	845	799	820	791	839	801	857	854	840	842	811
Men, 16 years and over	3,650	3,718	3,823	3,842	3,701	3,732	3,760	3,829	3,875	3,833	3,986	4,014	3,919
16 to 19 years	614	619	596	606	572	587	616	639	587	605	646	636	666
16 to 17 years	281	279	245	269	241	241	249	251	261	300	299	259	259
18 to 19 years	313	324	343	338	330	364	380	411	328	312	351	355	384
20 years and over	3,036	3,100	3,226	3,237	3,129	3,146	3,144	3,190	3,289	3,228	3,340	3,378	3,253
20 to 24 years	702	675	687	664	661	694	695	751	747	700	769	747	707
25 years and over	2,309	2,425	2,545	2,600	2,473	2,445	2,456	2,409	2,555	2,523	2,557	2,578	2,530
25 to 54 years	1,900	1,977	2,074	2,166	2,017	1,998	1,984	1,974	2,073	2,043	2,090	2,134	2,083
25 to 34 years	791	768	866	914	796	767	804	835	786	851	882	898	881
35 to 44 years	642	677	664	651	636	624	585	567	689	609	630	640	615
45 to 54 years	467	532	544	602	585	607	595	573	597	583	578	595	587
55 years and over	409	448	471	433	456	446	472	435	483	481	467	445	447
Women, 16 years and over	3,176	3,130	3,194	3,023	3,024	3,069	3,059	3,104	3,245	3,264	3,221	3,231	3,248
16 to 19 years	485	490	487	459	448	488	479	485	475	481	475	458	471
16 to 17 years	248	232	242	184	209	218	212	223	200	215	218	227	252
18 to 19 years	255	256	248	264	238	274	263	260	272	268	254	237	225
20 years and over	2,691	2,641	2,707	2,564	2,576	2,581	2,580	2,619	2,771	2,783	2,746	2,773	2,777
20 to 24 years	570	538	552	459	501	491	405	472	547	556	588	540	522
25 years and over	2,143	2,099	2,156	2,084	2,043	2,092	2,151	2,146	2,264	2,236	2,213	2,255	2,285
25 to 54 years	1,768	1,802	1,768	1,723	1,672	1,745	1,801	1,758	1,877	1,870	1,840	1,858	1,910
25 to 34 years	629	638	684	673	652	675	690	680	727	680	723	682	674
35 to 44 years	615	659	553	521	504	569	607	595	637	654	572	577	635
45 to 54 years	524	505	531	530	516	501	504	483	513	535	545	599	601
MARITAL STATUS													
Married men, spouse present	1,092	1,153	1,191	1,265	1,182	1,214	1,239	1,147	1,266	1,158	1,158	1,197	1,197
Married women, spouse present	972	975	1,009	997	938	997	1,018	1,000	1,052	1,145	1,048	1,066	1,106

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-10. Unemployment rates by age, sex, and marital status, seasonally adjusted

(Percent)

Age, sex, and marital status	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
AGE AND SEX													
Total, 16 years and over	4.5	4.5	4.6	4.5	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.7
16 to 19 years	15.1	15.2	15.0	14.9	14.5	15.3	15.7	15.8	15.2	16.1	16.0	15.6	16.3
16 to 17 years	17.3	16.9	16.9	16.6	16.4	16.5	16.6	16.8	16.7	18.6	18.6	17.3	18.9
18 to 19 years	13.4	13.7	13.7	13.7	13.3	15.0	15.4	15.5	14.1	14.6	14.3	14.1	14.4
20 years and over	3.9	3.9	4.1	4.0	3.9	3.9	3.9	4.0	4.1	4.1	4.2	4.2	4.1
20 to 24 years	8.4	7.9	8.1	7.4	7.6	7.8	7.3	8.0	8.5	8.3	8.9	8.5	8.1
25 years and over	3.4	3.5	3.6	3.6	3.5	3.5	3.5	3.5	3.7	3.6	3.6	3.7	3.7
25 to 54 years	3.5	3.6	3.7	3.7	3.5	3.6	3.6	3.6	3.8	3.7	3.8	3.8	3.8
25 to 34 years	4.3	4.3	4.7	4.8	4.4	4.4	4.5	4.6	4.6	4.6	4.8	4.8	4.7
35 to 44 years	3.5	3.7	3.4	3.3	3.2	3.4	3.4	3.3	3.7	3.6	3.4	3.4	3.5
45 to 54 years	2.8	2.9	3.0	3.2	3.1	3.1	3.1	3.0	3.1	3.1	3.1	3.3	3.3
55 years and over	2.9	3.0	3.3	3.1	3.1	3.0	3.2	3.0	3.2	3.2	3.1	3.1	3.0
Men, 16 years and over	4.5	4.5	4.7	4.7	4.5	4.5	4.6	4.7	4.7	4.7	4.8	4.9	4.7
16 to 19 years	16.7	16.7	16.2	16.6	15.9	16.2	17.3	17.7	16.7	17.8	18.2	18.0	19.4
16 to 17 years	19.1	19.0	17.0	19.3	17.6	17.2	18.5	18.1	18.9	22.0	21.8	18.8	21.3
18 to 19 years	14.4	14.8	15.4	15.0	14.8	16.4	17.1	18.2	15.3	15.2	16.0	16.5	17.6
20 years and over	3.9	4.0	4.1	4.1	4.0	4.0	4.0	4.1	4.2	4.1	4.2	4.3	4.1
20 to 24 years	8.6	8.3	8.4	8.2	8.1	8.6	8.6	9.3	9.2	8.7	9.5	9.3	8.7
25 years and over	3.3	3.5	3.6	3.7	3.5	3.5	3.5	3.4	3.6	3.6	3.6	3.7	3.6
25 to 54 years	3.4	3.5	3.7	3.8	3.6	3.5	3.5	3.5	3.7	3.6	3.7	3.8	3.7
25 to 34 years	4.4	4.2	4.8	5.0	4.4	4.2	4.4	4.6	4.3	4.6	4.8	4.9	4.8
35 to 44 years	3.3	3.5	3.4	3.3	3.3	3.2	3.0	2.9	3.6	3.2	3.3	3.3	3.2
45 to 54 years	2.5	2.8	2.9	3.2	3.1	3.2	3.2	3.1	3.2	3.1	3.1	3.2	3.1
55 years and over	3.0	3.2	3.4	3.1	3.3	3.2	3.4	3.1	3.4	3.4	3.3	3.1	3.1
Women, 16 years and over	4.5	4.4	4.5	4.3	4.3	4.4	4.3	4.4	4.6	4.6	4.5	4.5	4.6
16 to 19 years	13.4	13.6	13.7	13.1	13.0	14.2	14.1	13.9	13.6	14.4	13.7	13.2	13.3
16 to 17 years	15.7	14.9	16.8	13.8	15.1	15.9	14.9	15.6	14.5	15.3	15.4	15.9	16.9
18 to 19 years	12.4	12.6	11.8	12.4	11.6	13.5	13.4	12.7	12.8	14.0	12.4	11.6	11.0
20 years and over	4.0	3.9	4.0	3.8	3.8	3.8	3.8	3.9	4.1	4.1	4.0	4.1	4.1
20 to 24 years	8.1	7.5	7.7	6.4	6.9	7.0	5.8	6.7	7.7	7.8	8.1	7.6	7.4
25 years and over	3.6	3.5	3.6	3.5	3.4	3.5	3.6	3.6	3.7	3.7	3.6	3.7	3.8
25 to 54 years	3.7	3.8	3.7	3.6	3.5	3.7	3.8	3.7	3.9	3.9	3.8	3.9	4.0
25 to 34 years	4.3	4.4	4.6	4.6	4.4	4.6	4.7	4.6	4.9	4.6	4.9	4.6	4.5
35 to 44 years	3.7	4.0	3.4	3.2	3.1	3.5	3.8	3.7	3.9	4.0	3.5	3.6	3.9
45 to 54 years	3.1	3.0	3.2	3.2	3.1	3.0	3.0	2.9	3.0	3.1	3.2	3.5	3.5
MARITAL STATUS													
Married men, spouse present	2.3	2.5	2.5	2.7	2.5	2.5	2.6	2.4	2.7	2.4	2.4	2.5	2.5
Married women, spouse present	2.7	2.7	2.8	2.7	2.5	2.7	2.7	2.7	2.8	3.1	2.8	2.9	3.0

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-11. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs ..	3,179	3,236	3,440	3,453	3,238	3,287	3,331	3,375	3,628	3,617	3,577	3,699	3,599
On temporary layoff	965	958	1,021	1,022	863	1,022	1,004	866	981	979	954	1,053	984
Not on temporary layoff	2,214	2,278	2,420	2,430	2,375	2,265	2,327	2,509	2,648	2,638	2,623	2,647	2,615
Job leavers	793	807	797	816	755	748	764	810	823	793	842	791	784
Reentrants	2,279	2,199	2,230	2,042	2,147	2,174	2,153	2,127	2,078	2,064	2,144	2,084	2,133
New entrants	591	601	619	580	599	607	549	621	593	593	698	708	665
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs ..	46.5	47.3	48.6	50.1	48.0	48.2	49.0	48.7	50.9	51.2	49.3	50.8	50.1
On temporary layoff	14.1	14.0	14.4	14.8	12.8	15.0	14.8	12.5	13.8	13.8	13.1	14.5	13.7
Not on temporary layoff	32.4	33.3	34.1	35.3	35.2	33.2	34.2	36.2	37.2	37.3	36.1	36.3	36.4
Job leavers	11.6	11.8	11.2	11.8	11.2	11.0	11.2	11.7	11.6	11.2	11.6	10.9	10.9
Reentrants	33.3	32.1	31.5	29.6	31.9	31.9	31.7	30.7	29.2	29.2	29.5	28.6	29.7
New entrants	8.6	8.8	8.7	8.4	8.9	8.9	8.1	9.0	8.3	8.4	9.6	9.7	9.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs ..	2.1	2.1	2.2	2.3	2.1	2.2	2.2	2.2	2.4	2.4	2.3	2.4	2.3
Job leavers .....	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Reentrants	1.5	1.4	1.5	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4
New entrants .....	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.4

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

A-12. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Duration	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
NUMBER OF UNEMPLOYED													
Less than 5 weeks	2,517	2,707	2,642	2,600	2,327	2,432	2,450	2,488	2,473	2,595	2,518	2,480	2,589
5 to 14 weeks	2,135	2,037	2,283	2,192	2,159	2,141	2,204	2,125	2,213	2,166	2,332	2,459	2,158
15 weeks and over	2,152	2,081	2,118	2,135	2,177	2,268	2,230	2,286	2,413	2,385	2,393	2,343	2,377
15 to 26 weeks	1,006	991	986	905	954	1,072	1,104	1,166	1,105	1,138	1,115	1,031	987
27 weeks and over	1,145	1,090	1,133	1,230	1,223	1,196	1,126	1,120	1,308	1,247	1,277	1,312	1,390
Average (mean) duration, in weeks	16.3	15.9	16.2	16.4	17.3	17.1	16.7	16.8	17.2	16.9	16.5	17.1	17.3
Median duration, in weeks	8.2	7.3	8.1	8.1	8.5	8.7	8.3	8.2	8.9	8.6	9.0	8.7	8.7
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	37.0	39.7	37.5	37.5	34.9	35.6	35.6	36.1	34.8	36.3	34.8	34.1	36.3
5 to 14 weeks	31.4	29.8	32.4	31.6	32.4	31.3	32.0	30.8	31.2	30.3	32.2	33.8	30.3
15 weeks and over	31.6	30.5	30.1	30.8	32.7	33.2	32.4	33.1	34.0	33.4	33.0	32.2	33.4
15 to 26 weeks	14.8	14.5	14.0	13.1	14.3	15.7	16.0	16.9	15.6	15.9	15.4	14.2	13.9
27 weeks and over	16.8	16.0	16.1	17.8	18.4	17.5	16.4	16.2	18.4	17.4	17.6	18.0	19.5

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

A-13. Employment status of the civilian noninstitutional population by age, sex, and race

(Numbers in thousands)

Age, sex, and race	November 2007							Not in labor force
	Civilian noninstitutional population	Civilian labor force						
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
TOTAL								
16 years and over	232,939	154,035	66.1	147,118	63.2	6,917	4.5	78,904
16 to 19 years	17,048	6,734	39.5	5,652	33.2	1,082	16.1	10,314
16 to 17 years	9,310	2,688	28.9	2,176	23.4	512	19.0	6,622
18 to 19 years	7,738	4,046	52.3	3,476	44.9	570	14.1	3,692
20 to 24 years	20,452	15,176	74.2	14,008	68.5	1,168	7.7	5,276
25 to 54 years	125,978	104,964	83.3	101,083	80.2	3,882	3.7	21,013
25 to 34 years	39,975	33,386	83.5	31,884	79.8	1,502	4.5	6,589
25 to 29 years	20,782	17,378	83.6	16,517	79.5	861	5.0	3,404
30 to 34 years	19,192	16,008	83.4	15,366	80.1	641	4.0	3,185
35 to 44 years	42,233	35,551	84.2	34,311	81.2	1,240	3.5	6,682
35 to 39 years	20,736	17,462	84.2	16,821	81.1	642	3.7	3,273
40 to 44 years	21,497	18,089	84.1	17,490	81.4	599	3.3	3,409
45 to 54 years	43,770	36,028	82.3	34,888	79.7	1,140	3.2	7,742
45 to 49 years	22,683	19,019	83.8	18,454	81.4	566	3.0	3,664
50 to 54 years	21,087	17,008	80.7	16,434	77.9	574	3.4	4,078
55 to 64 years	32,950	21,151	64.2	20,570	62.4	581	2.7	11,799
55 to 59 years	18,195	13,188	72.5	12,811	70.4	377	2.9	5,007
60 to 64 years	14,756	7,963	54.0	7,759	52.6	205	2.6	6,792
65 years and over	36,511	6,010	16.5	5,806	15.9	204	3.4	30,502
65 to 69 years	11,026	3,350	30.4	3,230	29.3	120	3.6	7,676
70 to 74 years	8,451	1,480	17.5	1,435	17.0	46	3.1	6,971
75 years and over	17,034	1,179	6.9	1,141	6.7	39	3.3	15,855
Men								
16 years and over	112,737	82,402	73.1	78,680	69.8	3,722	4.5	30,335
16 to 19 years	8,651	3,289	38.0	2,662	30.8	627	19.1	5,362
16 to 17 years	4,661	1,203	25.8	946	20.3	257	21.3	3,458
18 to 19 years	3,990	2,086	52.3	1,716	43.0	370	17.7	1,904
20 to 24 years	10,298	8,112	78.8	7,444	72.3	668	8.2	2,185
25 to 54 years	62,262	56,595	90.9	54,590	87.7	2,005	3.5	5,667
25 to 34 years	19,994	18,396	92.0	17,558	87.8	838	4.6	1,598
25 to 29 years	10,437	9,521	91.2	9,033	86.5	488	5.1	916
30 to 34 years	9,557	8,875	92.9	8,525	89.2	350	3.9	682
35 to 44 years	20,836	19,207	92.2	18,592	89.2	615	3.2	1,629
35 to 39 years	10,249	9,486	92.6	9,168	89.4	318	3.4	763
40 to 44 years	10,587	9,721	91.8	9,424	89.0	297	3.1	866
45 to 54 years	21,432	18,992	88.6	18,440	86.0	552	2.9	2,440
45 to 49 years	11,139	10,048	90.2	9,782	87.8	266	2.6	1,092
50 to 54 years	10,293	8,944	86.9	8,658	84.1	286	3.2	1,348
55 to 64 years	15,860	11,122	70.1	10,815	68.2	308	2.8	4,738
55 to 59 years	8,787	6,836	77.8	6,644	75.6	192	2.8	1,951
60 to 64 years	7,073	4,286	60.6	4,171	59.0	115	2.7	2,787
65 years and over	15,666	3,284	21.0	3,168	20.2	115	3.5	12,383
65 to 69 years	5,147	1,790	34.8	1,730	33.6	60	3.3	3,358
70 to 74 years	3,803	842	22.1	812	21.3	30	3.5	2,962
75 years and over	6,716	652	9.7	626	9.3	26	4.0	6,063
Women								
16 years and over	120,202	71,633	59.6	68,438	56.9	3,195	4.5	48,569
16 to 19 years	8,397	3,445	41.0	2,989	35.6	456	13.2	4,953
16 to 17 years	4,649	1,485	31.9	1,230	26.4	255	17.2	3,164
18 to 19 years	3,748	1,960	52.3	1,760	47.0	200	10.2	1,788
20 to 24 years	10,154	7,063	69.6	6,563	64.6	500	7.1	3,091
25 to 54 years	63,715	48,369	75.9	46,492	73.0	1,877	3.9	15,346
25 to 34 years	19,981	14,990	75.0	14,326	71.7	664	4.4	4,991
25 to 29 years	10,345	7,857	76.0	7,485	72.4	372	4.7	2,488
30 to 34 years	9,636	7,133	74.0	6,841	71.0	292	4.1	2,503
35 to 44 years	21,397	16,344	76.4	15,719	73.5	625	3.8	5,053
35 to 39 years	10,487	7,976	76.1	7,653	73.0	323	4.0	2,510
40 to 44 years	10,910	8,368	76.7	8,066	73.9	302	3.6	2,543
45 to 54 years	22,338	17,036	76.3	16,448	73.6	588	3.5	5,302
45 to 49 years	11,544	8,972	77.7	8,672	75.1	300	3.3	2,572
50 to 54 years	10,794	8,064	74.7	7,776	72.0	288	3.6	2,730
55 to 64 years	17,090	10,029	58.7	9,755	57.1	274	2.7	7,061
55 to 59 years	9,407	6,352	67.5	6,167	65.6	184	2.9	3,056
60 to 64 years	7,683	3,677	47.9	3,588	46.7	89	2.4	4,005
65 years and over	20,845	2,726	13.1	2,638	12.7	89	3.2	18,119
65 to 69 years	5,879	1,561	26.5	1,500	25.5	60	3.9	4,319
70 to 74 years	4,648	639	13.7	623	13.4	16	2.5	4,009
75 years and over	10,318	527	5.1	514	5.0	13	2.4	9,791

See footnotes at end of table.

A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	November 2007							Not in labor force
	Civilian noninstitutional population	Civilian labor force						
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
WHITE								
16 years and over	188,956	125,615	66.5	120,665	63.9	4,951	3.9	63,341
16 to 19 years	13,079	5,525	42.2	4,712	36.0	812	14.7	7,555
16 to 17 years	7,059	2,229	31.6	1,843	26.1	386	17.3	4,830
18 to 19 years	6,020	3,296	54.7	2,869	47.7	426	12.9	2,725
20 to 24 years	15,952	12,099	75.8	11,306	70.9	793	6.6	3,853
25 to 54 years	100,545	84,548	84.1	81,837	81.4	2,711	3.2	15,997
25 to 34 years	31,177	26,252	84.2	25,263	81.0	990	3.8	4,924
25 to 29 years	16,228	13,711	84.5	13,148	81.0	563	4.1	2,517
30 to 34 years	14,949	12,542	83.9	12,115	81.0	427	3.4	2,408
35 to 44 years	33,575	28,404	84.6	27,539	82.0	865	3.0	5,172
35 to 39 years	16,358	13,800	84.4	13,351	81.6	449	3.3	2,557
40 to 44 years	17,218	14,603	84.8	14,188	82.4	415	2.8	2,614
45 to 54 years	35,793	29,892	83.5	29,035	81.1	857	2.9	5,901
45 to 49 years	18,456	15,637	84.7	15,242	82.6	394	2.5	2,819
50 to 54 years	17,337	14,255	82.2	13,792	79.6	463	3.2	3,082
55 to 64 years	27,710	18,211	65.7	17,758	64.1	453	2.5	9,500
55 to 59 years	15,220	11,291	74.2	11,025	72.4	266	2.4	3,930
60 to 64 years	12,490	6,920	55.4	6,734	53.9	187	2.7	5,570
65 years and over	31,670	5,233	16.5	5,052	16.0	181	3.5	26,437
65 to 69 years	9,229	2,852	30.9	2,742	29.7	109	3.8	6,378
70 to 74 years	7,273	1,323	18.2	1,284	17.7	39	3.0	5,950
75 years and over	15,167	1,058	7.0	1,025	6.8	33	3.1	14,109
Men								
16 years and over	92,454	68,243	73.8	65,514	70.9	2,729	4.0	24,212
16 to 19 years	6,670	2,691	40.3	2,207	33.1	484	18.0	3,979
16 to 17 years	3,538	1,006	28.4	802	22.7	204	20.3	2,532
18 to 19 years	3,132	1,685	53.8	1,405	44.9	280	16.6	1,447
20 to 24 years	8,112	6,572	81.0	6,101	75.2	471	7.2	1,540
25 to 54 years	50,454	46,341	91.8	44,913	89.0	1,428	3.1	4,113
25 to 34 years	15,862	14,757	93.0	14,177	89.4	580	3.9	1,105
25 to 29 years	8,275	7,627	92.2	7,300	88.2	328	4.3	648
30 to 34 years	7,587	7,130	94.0	6,878	90.7	252	3.5	457
35 to 44 years	16,839	15,653	93.0	15,213	90.3	441	2.8	1,185
35 to 39 years	8,228	7,667	93.2	7,436	90.4	231	3.0	561
40 to 44 years	8,611	7,986	92.7	7,776	90.3	210	2.6	625
45 to 54 years	17,754	15,931	89.7	15,523	87.4	408	2.6	1,823
45 to 49 years	9,183	8,367	91.1	8,185	89.1	182	2.2	816
50 to 54 years	8,570	7,564	88.3	7,338	85.6	226	3.0	1,006
55 to 64 years	13,500	9,745	72.2	9,497	70.3	249	2.6	3,755
55 to 59 years	7,461	5,988	80.3	5,842	78.3	146	2.4	1,473
60 to 64 years	6,039	3,758	62.2	3,655	60.5	102	2.7	2,281
65 years and over	13,719	2,893	21.1	2,796	20.4	97	3.4	10,826
65 to 69 years	4,351	1,536	35.3	1,485	34.1	51	3.3	2,815
70 to 74 years	3,314	768	23.2	745	22.5	23	3.0	2,547
75 years and over	6,053	589	9.7	567	9.4	23	3.9	5,464
Women								
16 years and over	96,502	57,373	59.5	55,151	57.2	2,222	3.9	39,129
16 to 19 years	6,409	2,834	44.2	2,506	39.1	329	11.6	3,575
16 to 17 years	3,522	1,224	34.7	1,041	29.6	182	14.9	2,298
18 to 19 years	2,888	1,610	55.8	1,464	50.7	146	9.1	1,277
20 to 24 years	7,840	5,527	70.5	5,205	66.4	322	5.8	2,313
25 to 54 years	50,091	38,207	76.3	36,924	73.7	1,283	3.4	11,884
25 to 34 years	15,315	11,495	75.1	11,086	72.4	410	3.6	3,820
25 to 29 years	7,953	6,083	76.5	5,848	73.5	235	3.9	1,869
30 to 34 years	7,362	5,412	73.5	5,237	71.1	175	3.2	1,950
35 to 44 years	16,737	12,751	76.2	12,327	73.6	424	3.3	3,986
35 to 39 years	8,130	6,133	75.4	5,915	72.8	218	3.6	1,996
40 to 44 years	8,607	6,617	76.9	6,412	74.5	206	3.1	1,990
45 to 54 years	18,039	13,961	77.4	13,511	74.9	449	3.2	4,078
45 to 49 years	9,272	7,270	78.4	7,057	76.1	212	2.9	2,003
50 to 54 years	8,767	6,691	76.3	6,454	73.6	237	3.5	2,076
55 to 64 years	14,210	8,465	59.6	8,261	58.1	204	2.4	5,745
55 to 59 years	7,759	5,303	68.3	5,183	66.8	120	2.3	2,456
60 to 64 years	6,451	3,163	49.0	3,078	47.7	84	2.7	3,289
65 years and over	17,951	2,340	13.0	2,256	12.6	84	3.6	15,611
65 to 69 years	4,878	1,315	27.0	1,257	25.8	58	4.4	3,563
70 to 74 years	3,959	556	14.0	540	13.6	16	2.9	3,403
75 years and over	9,114	469	5.1	459	5.0	10	2.1	8,645

See footnotes at end of table.

A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	November 2007							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
BLACK OR AFRICAN AMERICAN								
16 years and over	27,666	17,481	63.2	16,027	57.9	1,454	8.3	10,184
16 to 19 years	2,659	763	28.7	549	20.7	214	28.0	1,896
16 to 17 years	1,535	302	19.6	201	13.1	101	33.5	1,233
18 to 19 years	1,124	462	41.0	349	31.0	113	24.4	663
20 to 24 years	2,903	1,987	68.4	1,696	58.4	290	14.6	916
25 to 54 years	15,672	12,488	79.7	11,634	74.2	854	6.8	3,185
25 to 34 years	5,245	4,282	81.6	3,902	74.4	380	8.9	963
25 to 29 years	2,809	2,308	82.2	2,077	74.0	231	10.0	501
30 to 34 years	2,436	1,974	81.0	1,825	74.9	149	7.6	462
35 to 44 years	5,258	4,359	82.9	4,076	77.5	283	6.5	899
35 to 39 years	2,578	2,180	84.6	2,035	78.9	145	6.7	398
40 to 44 years	2,680	2,178	81.3	2,041	76.1	138	6.3	502
45 to 54 years	5,169	3,846	74.4	3,656	70.7	190	4.9	1,323
45 to 49 years	2,740	2,172	79.3	2,049	74.8	123	5.7	568
50 to 54 years	2,429	1,675	68.9	1,607	66.2	67	4.0	755
55 to 64 years	3,340	1,786	53.5	1,707	51.1	79	4.4	1,554
55 to 59 years	1,847	1,144	61.9	1,074	58.1	71	6.2	703
60 to 64 years	1,493	642	43.0	633	42.4	9	1.3	851
65 years and over	3,091	457	14.8	440	14.2	17	3.7	2,633
65 to 69 years	1,147	278	24.2	273	23.8	5	1.8	870
70 to 74 years	728	102	14.1	96	13.2	7	6.4	626
75 years and over	1,215	77	6.4	72	5.9	6	7.3	1,138
Men								
16 years and over	12,452	8,305	66.7	7,571	60.8	734	8.8	4,147
16 to 19 years	1,315	375	28.5	255	19.4	120	32.1	940
16 to 17 years	767	122	15.9	76	9.9	46	37.8	645
18 to 19 years	548	254	46.3	179	32.7	74	29.3	294
20 to 24 years	1,385	983	71.0	831	60.0	152	15.5	402
25 to 54 years	7,086	5,989	84.5	5,572	78.6	417	7.0	1,097
25 to 34 years	2,390	2,074	86.8	1,885	78.9	189	9.1	316
25 to 29 years	1,303	1,150	88.3	1,038	79.7	112	9.7	153
30 to 34 years	1,087	924	85.0	846	77.9	78	8.4	163
35 to 44 years	2,347	2,045	87.1	1,915	81.6	130	6.4	302
35 to 39 years	1,146	1,019	89.0	958	83.6	62	6.0	126
40 to 44 years	1,202	1,026	85.3	957	79.6	69	6.7	176
45 to 54 years	2,349	1,870	79.6	1,773	75.5	97	5.2	479
45 to 49 years	1,247	1,037	83.2	982	78.8	55	5.3	210
50 to 54 years	1,102	833	75.6	791	71.8	42	5.0	269
55 to 64 years	1,478	754	51.1	723	48.9	32	4.2	723
55 to 59 years	814	480	59.1	454	55.9	26	5.4	333
60 to 64 years	664	274	41.3	268	40.4	6	2.1	390
65 years and over	1,189	203	17.1	191	16.0	12	6.1	986
65 to 69 years	486	118	24.3	115	23.7	3	2.4	368
70 to 74 years	293	47	16.0	40	13.7	7	(¹)	246
75 years and over	410	38	9.3	35	8.6	3	(¹)	372
Women								
16 years and over	15,214	9,177	60.3	8,456	55.6	721	7.9	6,037
16 to 19 years	1,345	388	28.9	295	21.9	93	24.0	957
16 to 17 years	768	180	23.4	125	16.3	55	30.5	588
18 to 19 years	576	208	36.1	170	29.4	38	18.5	368
20 to 24 years	1,518	1,004	66.1	866	57.0	138	13.8	514
25 to 54 years	8,586	6,498	75.7	6,061	70.6	437	6.7	2,088
25 to 34 years	2,856	2,209	77.3	2,018	70.7	191	8.6	647
25 to 29 years	1,506	1,158	76.9	1,039	69.0	119	10.3	348
30 to 34 years	1,350	1,050	77.8	979	72.5	72	6.8	299
35 to 44 years	2,911	2,314	79.5	2,161	74.2	153	6.6	597
35 to 39 years	1,432	1,161	81.0	1,077	75.2	84	7.2	271
40 to 44 years	1,478	1,153	78.0	1,084	73.3	69	6.0	325
45 to 54 years	2,820	1,976	70.1	1,883	66.8	93	4.7	844
45 to 49 years	1,493	1,134	76.0	1,067	71.4	68	6.0	359
50 to 54 years	1,327	842	63.4	816	61.5	25	3.0	485
55 to 64 years	1,862	1,032	55.4	985	52.9	47	4.6	830
55 to 59 years	1,034	664	64.2	619	59.9	45	6.7	370
60 to 64 years	829	368	44.4	365	44.1	3	.7	461
65 years and over	1,902	254	13.4	250	13.1	5	1.8	1,648
65 to 69 years	661	160	24.1	157	23.8	2	1.3	502
70 to 74 years	435	56	12.8	56	12.8	-	-	380
75 years and over	805	39	4.9	37	4.5	3	(¹)	766

See footnotes at end of table.

A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	November 2007							Not in labor force
	Civilian noninstitutional population	Civilian labor force						
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
ASIAN								
16 years and over	10,731	7,222	67.3	6,960	64.9	262	3.6	3,509
16 to 19 years	613	171	27.9	151	24.7	20	11.5	442
16 to 17 years	329	64	19.5	56	17.1	8	(¹)	265
18 to 19 years	284	107	37.6	95	33.5	12	11.0	177
20 to 24 years	907	571	62.9	537	59.2	33	5.9	337
25 to 54 years	6,630	5,398	81.4	5,235	79.0	163	3.0	1,233
25 to 34 years	2,355	1,840	78.1	1,778	75.5	62	3.3	515
25 to 29 years	1,079	801	74.2	781	72.4	19	2.4	279
30 to 34 years	1,276	1,039	81.5	997	78.2	42	4.1	237
35 to 44 years	2,357	1,952	82.8	1,906	80.9	46	2.4	405
35 to 39 years	1,237	1,029	83.1	1,008	81.5	21	2.0	209
40 to 44 years	1,119	923	82.5	898	80.2	26	2.8	196
45 to 54 years	1,918	1,606	83.7	1,551	80.8	55	3.4	313
45 to 49 years	980	823	83.9	789	80.5	34	4.1	158
50 to 54 years	938	783	83.5	761	81.2	22	2.8	155
55 to 64 years	1,308	834	63.7	793	60.6	41	4.9	474
55 to 59 years	790	565	71.5	528	66.8	38	6.6	225
60 to 64 years	518	269	51.9	266	51.3	3	1.2	249
65 years and over	1,272	249	19.6	243	19.1	6	2.3	1,023
65 to 69 years	449	170	37.8	164	36.5	6	3.4	279
70 to 74 years	332	46	13.8	46	13.8	—	—	286
75 years and over	491	33	6.8	33	6.8	—	—	457

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

NOTE: Estimates for the above race groups do not sum to totals because data are not presented for all races. Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-14. Employment status of the Hispanic or Latino population by age and sex

(Numbers in thousands)

Age and sex	November 2007							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
HISPANIC OR LATINO ETHNICITY								
16 years and over	31,809	21,937	69.0	20,701	65.1	1,236	5.6	9,872
16 to 19 years	2,991	1,100	36.8	918	30.7	182	16.5	1,891
16 to 17 years	1,600	376	23.5	290	18.1	86	22.8	1,225
18 to 19 years	1,390	724	52.1	628	45.2	96	13.3	666
20 to 24 years	3,656	2,716	74.3	2,532	69.3	184	6.8	940
25 to 54 years	19,897	16,083	80.8	15,309	76.9	774	4.8	3,814
25 to 34 years	8,201	6,652	81.1	6,314	77.0	338	5.1	1,549
25 to 29 years	4,196	3,357	80.0	3,171	75.6	186	5.5	838
30 to 34 years	4,006	3,295	82.3	3,143	78.5	152	4.6	711
35 to 44 years	6,877	5,607	81.5	5,373	78.1	234	4.2	1,270
35 to 39 years	3,667	2,980	81.2	2,829	77.1	151	5.1	688
40 to 44 years	3,210	2,627	81.8	2,543	79.2	84	3.2	583
45 to 54 years	4,818	3,824	79.4	3,622	75.2	202	5.3	994
45 to 49 years	2,708	2,222	82.0	2,134	78.8	88	4.0	487
50 to 54 years	2,110	1,602	75.9	1,489	70.6	114	7.1	508
55 to 64 years	2,749	1,649	60.0	1,571	57.2	78	4.7	1,100
55 to 59 years	1,634	1,095	67.0	1,041	63.7	54	4.9	539
60 to 64 years	1,115	554	49.7	530	47.5	24	4.3	561
65 years and over	2,517	389	15.4	371	14.7	18	4.7	2,128
65 to 69 years	896	225	25.1	214	23.9	11	4.7	671
70 to 74 years	660	77	11.6	73	11.0	4	5.2	583
75 years and over	961	87	9.1	84	8.7	4	4.4	874
Men								
16 years and over	16,380	13,193	80.5	12,524	76.5	668	5.1	3,187
16 to 19 years	1,529	601	39.3	501	32.8	100	16.6	928
16 to 17 years	794	180	22.7	140	17.6	40	22.3	614
18 to 19 years	735	421	57.3	361	49.2	60	14.2	314
20 to 24 years	1,926	1,663	86.4	1,567	81.4	96	5.8	263
25 to 54 years	10,518	9,773	92.9	9,344	88.8	430	4.4	745
25 to 34 years	4,475	4,219	94.3	4,021	89.9	197	4.7	257
25 to 29 years	2,307	2,161	93.6	2,051	88.9	109	5.1	147
30 to 34 years	2,168	2,058	94.9	1,970	90.9	88	4.3	110
35 to 44 years	3,616	3,366	93.1	3,238	89.5	128	3.8	250
35 to 39 years	1,938	1,838	94.8	1,742	89.9	96	5.2	100
40 to 44 years	1,678	1,528	91.1	1,496	89.1	33	2.1	150
45 to 54 years	2,426	2,188	90.2	2,085	85.9	104	4.7	238
45 to 49 years	1,375	1,265	92.0	1,224	89.0	41	3.3	110
50 to 54 years	1,051	923	87.8	861	81.9	62	6.8	128
55 to 64 years	1,319	944	71.6	912	69.1	32	3.4	375
55 to 59 years	772	615	79.7	589	76.3	26	4.2	157
60 to 64 years	547	329	60.1	323	59.0	6	1.9	218
65 years and over	1,088	211	19.4	200	18.4	11	5.2	877
65 to 69 years	395	115	29.1	112	28.3	3	2.7	280
70 to 74 years	267	41	15.3	37	13.8	4	(¹)	226
75 years and over	426	55	13.0	52	12.1	4	(¹)	371
Women								
16 years and over	15,429	8,744	56.7	8,177	53.0	567	6.5	6,685
16 to 19 years	1,462	499	34.1	416	28.5	82	16.5	963
16 to 17 years	806	196	24.3	150	18.6	45	23.2	611
18 to 19 years	655	303	46.2	266	40.6	37	12.1	352
20 to 24 years	1,730	1,053	60.9	965	55.8	88	8.4	677
25 to 54 years	9,379	6,310	67.3	5,965	63.6	344	5.5	3,069
25 to 34 years	3,726	2,434	65.3	2,293	61.5	140	5.8	1,293
25 to 29 years	1,888	1,197	63.4	1,120	59.3	77	6.4	692
30 to 34 years	1,838	1,237	67.3	1,173	63.8	63	5.1	601
35 to 44 years	3,261	2,241	68.7	2,135	65.5	106	4.7	1,020
35 to 39 years	1,729	1,142	66.0	1,087	62.9	55	4.8	587
40 to 44 years	1,532	1,099	71.7	1,048	68.4	51	4.7	433
45 to 54 years	2,392	1,635	68.4	1,538	64.3	98	6.0	756
45 to 49 years	1,333	956	71.7	910	68.2	47	4.9	377
50 to 54 years	1,058	679	64.2	628	59.3	51	7.5	379
55 to 64 years	1,430	705	49.3	660	46.1	45	6.4	725
55 to 59 years	862	480	55.7	453	52.5	28	5.8	382
60 to 64 years	567	225	39.6	207	36.5	18	7.9	343
65 years and over	1,429	178	12.4	170	11.9	7	4.2	1,251
65 to 69 years	502	110	21.9	103	20.4	7	6.8	392
70 to 74 years	393	36	9.1	36	9.1	-	-	357
75 years and over	535	32	6.0	32	6.0	-	-	503

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

NOTE: Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-15. Employment status of the civilian noninstitutional population by race, Hispanic or Latino ethnicity, sex, and age

(Numbers in thousands)

Employment status, race, and Hispanic or Latino ethnicity	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
TOTAL								
Civilian noninstitutional population	229,905	232,939	102,656	104,087	110,445	111,805	16,804	17,048
Civilian labor force	152,590	154,035	78,161	79,113	67,408	68,188	7,021	6,734
Percent of population	66.4	66.1	76.1	76.0	61.0	61.0	41.8	39.5
Employed	146,014	147,118	75,247	76,018	64,778	65,449	5,989	5,652
Unemployed	6,576	6,917	2,914	3,095	2,630	2,739	1,031	1,082
Unemployment rate	4.3	4.5	3.7	3.9	3.9	4.0	14.7	16.1
Not in labor force	77,315	78,904	24,495	24,973	43,036	43,617	9,783	10,314
White								
Civilian noninstitutional population	186,988	188,956	84,818	85,784	89,234	90,092	12,936	13,079
Civilian labor force	124,635	125,615	64,972	65,552	53,879	54,539	5,785	5,525
Percent of population	66.7	66.5	76.6	76.4	60.4	60.5	44.7	42.2
Employed	119,995	120,665	62,895	63,307	52,066	52,645	5,034	4,712
Unemployed	4,640	4,951	2,077	2,245	1,813	1,893	751	812
Unemployment rate	3.7	3.9	3.2	3.4	3.4	3.5	13.0	14.7
Not in labor force	62,353	63,341	19,846	20,232	35,355	35,554	7,151	7,555
Black or African American								
Civilian noninstitutional population	27,193	27,666	10,942	11,137	13,655	13,869	2,597	2,659
Civilian labor force	17,489	17,481	7,831	7,930	8,814	8,789	844	763
Percent of population	64.3	63.2	71.6	71.2	64.6	63.4	32.5	28.7
Employed	16,021	16,027	7,220	7,316	8,177	8,161	624	549
Unemployed	1,469	1,454	611	613	637	627	220	214
Unemployment rate	8.4	8.3	7.8	7.7	7.2	7.1	26.1	28.0
Not in labor force	9,704	10,184	3,111	3,208	4,840	5,080	1,753	1,896
Asian								
Civilian noninstitutional population	10,214	10,731	4,513	4,771	5,046	5,347	655	613
Civilian labor force	6,779	7,222	3,499	3,771	3,131	3,281	149	171
Percent of population	66.4	67.3	77.5	79.0	62.1	61.4	22.7	27.9
Employed	6,565	6,960	3,395	3,665	3,041	3,144	128	151
Unemployed	214	262	104	106	90	137	20	20
Unemployment rate	3.2	3.6	3.0	2.8	2.9	4.2	13.7	11.5
Not in labor force	3,435	3,509	1,014	1,000	1,914	2,067	506	442
Hispanic or Latino ethnicity								
Civilian noninstitutional population	30,508	31,809	14,233	14,851	13,427	13,968	2,847	2,991
Civilian labor force	21,048	21,937	12,127	12,592	7,839	8,246	1,081	1,100
Percent of population	69.0	69.0	85.2	84.8	58.4	59.0	38.0	36.8
Employed	20,006	20,701	11,664	12,023	7,437	7,760	904	918
Unemployed	1,042	1,236	463	569	402	485	177	182
Unemployment rate	5.0	5.6	3.8	4.5	5.1	5.9	16.4	16.5
Not in labor force	9,460	9,872	2,106	2,259	5,588	5,722	1,766	1,891

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

A-16. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic or Latino ethnicity

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic or Latino ethnicity	November 2007									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
			Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work		
TOTAL ENROLLED										
Total, 16 to 24 years	21,237	8,777	41.3	7,857	1,703	6,154	921	211	710	10.5
16 to 19 years	14,011	4,624	33.0	3,925	423	3,502	699	105	594	15.1
20 to 24 years	7,227	4,153	57.5	3,931	1,280	2,652	222	106	115	5.3
Men	10,422	3,920	37.6	3,411	821	2,590	509	144	365	13.0
Women	10,816	4,858	44.9	4,445	882	3,563	412	67	345	8.5
High school	10,542	3,035	28.8	2,446	179	2,267	589	73	516	19.4
College	10,696	5,742	53.7	5,410	1,524	3,886	332	138	194	5.8
Full-time students	9,132	4,395	48.1	4,127	755	3,372	267	93	174	6.1
Part-time students	1,564	1,347	86.2	1,283	769	514	64	45	19	4.8
White										
Total, 16 to 24 years	16,405	7,302	44.5	6,617	1,353	5,263	685	134	550	9.4
16 to 19 years	10,756	3,847	35.8	3,320	334	2,986	527	74	452	13.7
20 to 24 years	5,649	3,455	61.2	3,297	1,019	2,277	158	60	98	4.6
Men	8,043	3,261	40.5	2,866	666	2,200	395	94	301	12.1
Women	8,362	4,041	48.3	3,751	687	3,063	290	41	249	7.2
High school	7,950	2,524	31.7	2,080	130	1,950	444	47	397	17.6
College	8,454	4,778	56.5	4,537	1,224	3,313	241	88	153	5.0
Full-time students	7,247	3,703	51.1	3,502	611	2,891	201	57	144	5.4
Part-time students	1,208	1,075	89.0	1,035	613	423	40	30	9	3.7
Black or African American										
Total, 16 to 24 years	3,041	848	27.9	674	202	473	173	52	121	20.5
16 to 19 years	2,136	450	21.1	323	32	292	127	18	109	28.2
20 to 24 years	905	397	43.9	351	170	181	46	35	12	11.7
Men	1,476	378	25.6	288	82	207	90	37	53	23.9
Women	1,565	469	30.0	386	120	266	83	16	68	17.7
High school	1,805	340	18.8	226	24	202	114	13	101	33.5
College	1,236	508	41.1	449	178	271	60	39	20	11.7
Full-time students	986	323	32.7	283	79	204	40	27	13	12.3
Part-time students	250	186	74.3	166	99	67	20	12	8	10.8
Asian										
Total, 16 to 24 years	1,044	334	32.0	306	66	241	27	9	18	8.2
16 to 19 years	574	142	24.7	126	31	95	16	4	13	11.4
20 to 24 years	470	192	40.8	181	35	146	11	6	5	5.8
Men	523	167	31.8	157	42	115	10	3	7	5.9
Women	521	167	32.1	150	24	126	18	7	11	10.5
High school	379	77	20.2	65	21	44	12	7	5	15.5
College	665	257	38.7	242	45	197	15	3	13	6.0
Full-time students	615	218	35.5	203	20	182	15	3	13	7.1
Part-time students	50	39	(¹)	39	24	14	-	-	-	-
Hispanic or Latino ethnicity										
Total, 16 to 24 years	3,119	1,184	38.0	1,067	349	718	117	33	84	9.9
16 to 19 years	2,222	609	27.4	508	100	408	101	20	81	16.6
20 to 24 years	897	575	64.1	559	249	310	16	13	3	2.8
Men	1,490	542	36.3	486	181	305	55	16	39	10.2
Women	1,629	643	39.5	581	167	413	62	17	45	9.7
High school	1,758	381	21.7	302	48	255	79	12	67	20.8
College	1,361	803	59.0	765	301	464	38	21	17	4.8
Full-time students	1,052	523	49.7	492	137	355	31	14	17	5.9
Part-time students	309	280	90.6	272	164	109	7	7	-	2.7

See footnotes at end of table.

A-16. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic or Latino ethnicity—Continued

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic or Latino ethnicity	November 2007									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
			Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work		
TOTAL NOT ENROLLED										
Total, 16 to 24 years	16,262	13,132	80.8	11,803	9,659	2,144	1,329	1,199	131	10.1
16 to 19 years	3,038	2,110	69.5	1,726	1,170	557	383	349	34	18.2
20 to 24 years	13,225	11,022	83.3	10,076	8,489	1,587	946	849	97	8.6
Men	8,526	7,481	87.7	6,696	5,781	915	786	731	55	10.5
Women	7,736	5,651	73.0	5,107	3,878	1,229	543	467	76	9.6
Less than a high school diploma	3,266	2,129	65.2	1,768	1,321	447	361	329	32	17.0
High school graduates, no college ²	7,372	5,964	80.9	5,293	4,277	1,016	672	603	69	11.3
Some college or associate degree	3,688	3,203	86.9	3,011	2,477	534	193	169	23	6.0
Bachelor's degree and higher ³	1,936	1,835	94.8	1,731	1,584	147	104	97	7	5.7
White										
Total, 16 to 24 years	12,626	10,322	81.8	9,401	7,748	1,653	921	813	108	8.9
16 to 19 years	2,324	1,678	72.2	1,392	944	448	286	254	32	17.0
20 to 24 years	10,303	8,644	83.9	8,009	6,805	1,205	635	559	76	7.3
Men	6,739	6,002	89.1	5,442	4,748	694	560	519	40	9.3
Women	5,888	4,321	73.4	3,960	3,001	959	361	293	68	8.4
Less than a high school diploma	2,487	1,684	67.7	1,433	1,121	311	251	225	26	14.9
High school graduates, no college ²	5,713	4,647	81.4	4,188	3,392	796	460	401	58	9.9
Some college or associate degree	2,888	2,525	87.4	2,382	1,964	419	143	122	20	5.6
Bachelor's degree and higher ³	1,539	1,465	95.2	1,398	1,271	127	67	64	3	4.6
Black or African American										
Total, 16 to 24 years	2,521	1,902	75.5	1,572	1,234	338	331	316	15	17.4
16 to 19 years	523	313	59.8	226	141	85	87	85	2	27.7
20 to 24 years	1,998	1,590	79.6	1,346	1,093	253	244	231	13	15.4
Men	1,224	980	80.1	797	651	147	182	172	10	18.6
Women	1,297	923	71.1	774	583	191	148	144	5	16.1
Less than a high school diploma	536	296	55.2	201	108	93	96	94	2	32.2
High school graduates, no college ²	1,275	997	78.2	823	663	159	174	164	10	17.5
Some college or associate degree	563	473	84.1	429	352	77	44	41	3	9.2
Bachelor's degree and higher ³	147	136	92.2	119	110	8	17	17	-	12.7
Asian										
Total, 16 to 24 years	477	408	85.6	382	343	39	26	22	4	6.3
16 to 19 years	39	29	(¹)	26	18	8	3	3	-	(¹)
20 to 24 years	437	379	86.7	357	326	31	22	19	4	5.9
Men	219	199	90.6	189	165	24	10	10	-	4.9
Women	257	210	81.5	194	178	15	16	13	4	7.7
Less than a high school diploma	70	48	(¹)	44	36	8	4	4	-	(¹)
High school graduates, no college ²	100	86	85.9	79	65	13	8	8	-	8.8
Some college or associate degree	107	89	82.5	89	77	12	-	-	-	-
Bachelor's degree and higher ³	199	185	93.4	171	165	6	14	11	4	7.7
Hispanic or Latino ethnicity										
Total, 16 to 24 years	3,527	2,631	74.6	2,383	1,994	389	248	222	26	9.4
16 to 19 years	768	490	63.8	410	296	114	81	71	10	16.4
20 to 24 years	2,759	2,141	77.6	1,973	1,698	275	168	151	17	7.8
Men	1,964	1,723	87.7	1,582	1,403	179	140	125	16	8.2
Women	1,563	909	58.1	801	590	210	108	98	11	11.9
Less than a high school diploma	1,375	928	67.5	835	683	152	93	81	12	10.1
High school graduates, no college ²	1,530	1,168	76.3	1,056	904	153	111	103	8	9.5
Some college or associate degree	496	420	84.6	388	314	74	32	26	6	7.7
Bachelor's degree and higher ³	126	116	91.9	104	94	11	12	12	-	10.0

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

² Includes persons with a high school diploma or equivalent.

³ Includes persons with a bachelor's, master's, professional, and doctoral degrees.

NOTE: In the summer months, the educational attainment levels of youth not enrolled in school are increased by the temporary movement of high school and college students into that

group. Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

A-17. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity

(Numbers in thousands)

Sex, race, and Hispanic or Latino ethnicity	Less than a high school diploma		High school graduates, no college ¹		Some college or associate degree						Bachelor's degree and higher ²	
					Total		Some college, no degree		Associate degree			
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
TOTAL												
Civilian labor force	12,684	12,181	38,828	39,017	35,382	36,454	22,438	23,328	12,944	13,126	43,550	44,474
Percent of population	46.4	46.6	63.6	63.1	72.2	72.1	70.2	70.2	76.1	75.8	78.6	78.0
Employed	11,869	11,264	37,212	37,327	34,232	35,303	21,636	22,510	12,596	12,793	42,799	43,563
Employment-population ratio	43.4	43.1	60.9	60.4	69.9	69.9	67.6	67.8	74.0	73.9	77.2	76.4
Unemployed	815	916	1,617	1,690	1,150	1,151	802	818	348	333	752	910
Unemployment rate	6.4	7.5	4.2	4.3	3.3	3.2	3.6	3.5	2.7	2.5	1.7	2.0
Men												
Civilian labor force	8,162	7,896	21,422	21,560	17,667	18,341	11,713	12,070	5,954	6,270	22,843	23,204
Percent of population	59.9	60.9	74.1	73.4	78.5	78.7	77.2	77.5	81.2	81.3	83.2	82.3
Employed	7,714	7,406	20,519	20,625	17,153	17,771	11,345	11,646	5,808	6,125	22,461	22,771
Employment-population ratio	56.6	57.1	71.0	70.3	76.2	76.3	74.8	74.7	79.2	79.4	81.9	80.8
Unemployed	448	490	903	935	514	570	368	425	146	145	382	433
Unemployment rate	5.5	6.2	4.2	4.3	2.9	3.1	3.1	3.5	2.5	2.3	1.7	1.9
Women												
Civilian labor force	4,522	4,284	17,406	17,457	17,715	18,113	10,725	11,258	6,990	6,856	20,707	21,270
Percent of population	33.0	32.6	54.1	53.8	66.8	66.5	63.8	63.9	72.2	71.4	73.9	73.8
Employed	4,155	3,858	16,693	16,702	17,079	17,532	10,291	10,864	6,788	6,668	20,338	20,793
Employment-population ratio	30.3	29.3	51.9	51.5	64.4	64.4	61.2	61.6	70.1	69.4	72.6	72.2
Unemployed	367	426	714	755	636	581	435	393	201	188	369	477
Unemployment rate	8.1	9.9	4.1	4.3	3.6	3.2	4.1	3.5	2.9	2.7	1.8	2.2
White												
Civilian labor force	10,261	9,993	31,671	31,733	29,082	29,777	18,282	18,937	10,800	10,840	35,779	36,489
Percent of population	47.7	48.0	62.9	62.9	71.7	71.6	69.3	69.5	76.2	75.7	78.1	77.5
Employed	9,694	9,314	30,550	30,557	28,254	28,955	17,703	18,363	10,552	10,591	35,181	35,821
Employment-population ratio	45.1	44.8	60.7	60.6	69.7	69.7	67.4	67.4	74.4	74.0	76.8	76.0
Unemployed	566	678	1,121	1,177	828	822	580	574	248	249	598	668
Unemployment rate	5.5	6.8	3.5	3.7	2.8	2.8	3.2	3.0	2.3	2.3	1.7	1.8
Black or African American												
Civilian labor force	1,530	1,403	5,245	5,221	4,254	4,583	2,927	3,114	1,327	1,469	3,579	3,525
Percent of population	38.8	39.4	67.2	63.8	75.1	75.1	75.1	74.1	75.3	77.2	82.7	82.8
Employed	1,342	1,202	4,843	4,819	4,007	4,343	2,752	2,927	1,255	1,417	3,491	3,417
Employment-population ratio	34.0	33.8	62.0	58.9	70.8	71.2	70.6	69.7	71.2	74.5	80.7	80.3
Unemployed	187	201	403	402	247	240	175	187	72	52	88	108
Unemployment rate	12.3	14.3	7.7	7.7	5.8	5.2	6.0	6.0	5.4	3.5	2.5	3.1
Asian												
Civilian labor force	467	426	1,086	1,202	1,037	1,102	570	630	468	472	3,553	3,750
Percent of population	44.2	41.4	62.8	64.1	72.8	72.0	69.8	72.6	76.8	71.3	78.5	78.5
Employed	443	416	1,053	1,159	999	1,066	550	610	448	457	3,496	3,630
Employment-population ratio	41.9	40.4	60.9	61.8	70.1	69.7	67.4	70.2	73.6	69.0	77.2	76.0
Unemployed	24	10	33	43	39	36	19	21	19	15	58	120
Unemployment rate	5.2	2.4	3.0	3.6	3.7	3.3	3.4	3.3	4.1	3.3	1.6	3.2
Hispanic or Latino ethnicity												
Civilian labor force	5,937	6,008	5,207	5,586	3,556	3,692	2,464	2,543	1,092	1,149	2,577	2,835
Percent of population	62.9	63.4	74.4	74.1	79.4	78.5	79.4	78.2	79.6	79.2	81.8	82.3
Employed	5,615	5,614	4,993	5,317	3,450	3,564	2,371	2,437	1,079	1,126	2,522	2,757
Employment-population ratio	59.5	59.2	71.4	70.5	77.0	75.8	76.3	74.9	78.6	77.7	80.0	80.1
Unemployed	322	395	214	269	107	128	93	106	13	22	55	78
Unemployment rate	5.4	6.6	4.1	4.8	3.0	3.5	3.8	4.2	1.2	1.9	2.1	2.7

¹ Includes persons with a high school diploma or equivalent.

² Includes persons with a bachelor's, master's, professional, and doctoral degrees.

NOTE: Estimates for the above race groups (white, black or African American,

and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

A-18. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity

(In thousands)

Age, sex, race, and Hispanic or Latino ethnicity	November 2007									
	Employed ¹							Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work		Not at work	Total	At work ²		Not at work		
		35 hours or more	1 to 34 hours for economic or noneconomic reasons			Part time for economic reasons	Part time for noneconomic reasons			
TOTAL										
Total 16 years and over	121,846	109,854	9,218	2,774	25,272	2,793	21,326	1,153	5,549	1,368
16 to 19 years	1,593	1,359	210	24	4,059	177	3,762	121	454	628
16 to 17 years	206	174	29	3	1,969	10	1,881	78	72	440
18 to 19 years	1,386	1,185	180	21	2,090	166	1,880	43	382	189
20 years and over	120,253	108,495	9,008	2,750	21,214	2,616	17,565	1,032	5,095	740
20 to 24 years	9,769	8,822	775	172	4,239	565	3,572	102	956	212
25 years and over	110,484	99,673	8,233	2,578	16,975	2,051	13,993	931	4,139	528
25 to 54 years	89,980	81,495	6,509	1,976	11,102	1,681	8,892	530	3,534	347
55 years and over	20,504	18,178	1,724	602	5,872	371	5,101	401	604	181
Men, 16 years and over	70,429	64,149	4,831	1,448	8,251	1,317	6,526	408	3,141	581
16 to 19 years	950	842	102	6	1,712	85	1,571	56	306	320
20 years and over	69,479	63,307	4,729	1,443	6,539	1,232	4,955	352	2,835	261
20 to 24 years	5,652	5,116	447	89	1,792	312	1,443	37	569	99
25 years and over	63,827	58,191	4,282	1,354	4,746	920	3,511	315	2,266	162
25 to 54 years	52,066	47,723	3,328	1,015	2,524	735	1,647	142	1,931	74
55 years and over	11,761	10,467	954	339	2,222	186	1,864	172	335	88
Women, 16 years and over	51,417	45,705	4,386	1,326	17,021	1,475	14,800	745	2,408	787
16 to 19 years	643	517	108	18	2,346	91	2,191	64	148	308
20 years and over	50,774	45,188	4,279	1,307	14,675	1,384	12,610	681	2,260	479
20 to 24 years	4,117	3,706	328	83	2,446	253	2,128	65	387	113
25 years and over	46,657	41,482	3,951	1,224	12,228	1,131	10,481	616	1,873	366
25 to 54 years	37,914	33,771	3,181	962	8,578	946	7,245	387	1,603	273
55 years and over	8,743	7,711	770	262	3,650	185	3,237	229	270	93
White										
Men, 16 years and over	58,695	53,340	4,128	1,228	6,819	1,001	5,462	356	2,260	468
16 to 19 years	784	706	75	3	1,423	75	1,295	53	223	260
20 years and over	57,911	52,634	4,052	1,225	5,396	927	4,167	302	2,037	208
20 to 24 years	4,630	4,166	390	74	1,471	212	1,224	35	390	81
25 years and over	53,281	48,468	3,662	1,151	3,925	715	2,943	267	1,647	127
25 to 54 years	43,005	39,331	2,821	853	1,908	554	1,249	105	1,370	58
55 years and over	10,277	9,137	842	298	2,017	161	1,693	162	277	69
Women, 16 years and over	40,613	35,989	3,593	1,031	14,538	1,067	12,829	641	1,592	630
16 to 19 years	494	401	80	14	2,011	67	1,888	57	105	224
20 years and over	40,119	35,588	3,514	1,017	12,527	1,001	10,942	584	1,488	406
20 to 24 years	3,194	2,865	264	65	2,011	181	1,773	57	229	93
25 years and over	36,925	32,723	3,250	952	10,516	819	9,169	528	1,258	313
25 to 54 years	29,592	26,282	2,567	743	7,331	682	6,323	326	1,059	223
55 years and over	7,333	6,441	683	209	3,184	137	2,846	201	199	89
Black or African American										
Men, 16 years and over	6,710	6,174	414	123	861	222	599	40	648	85
16 to 19 years	89	73	13	3	166	8	158	-	68	53
20 years and over	6,622	6,100	401	120	695	214	441	40	581	33
20 to 24 years	643	595	39	9	187	63	123	1	141	11
25 years and over	5,978	5,505	362	111	507	151	318	39	440	21
25 to 54 years	5,182	4,791	297	94	391	134	226	31	404	13
55 years and over	797	714	65	17	117	17	92	8	36	9
Women, 16 years and over	7,023	6,307	550	166	1,433	287	1,090	55	611	110
16 to 19 years	84	63	18	3	211	19	187	5	35	59
20 years and over	6,939	6,244	532	164	1,222	268	904	50	576	51
20 to 24 years	619	557	47	15	247	44	203	-	125	14
25 years and over	6,320	5,687	485	148	975	225	701	50	452	37
25 to 54 years	5,419	4,881	428	110	643	191	422	30	403	34
55 years and over	901	806	57	38	333	34	279	20	49	3

See footnotes at end of table.

A-18. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity—Continued

(In thousands)

Age, sex, race, and Hispanic or Latino ethnicity	November 2007									
	Employed ¹								Unemployed	
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work		Not at work	Total	At work ²		Not at work		
		35 hours or more	1 to 34 hours for economic or noneconomic reasons			Part time for economic reasons	Part time for noneconomic reasons			
Asian										
Men, 16 years and over	3,406	3,194	147	65	345	31	304	10	94	18
16 to 19 years	28	24	4	—	58	1	54	3	—	5
20 years and over	3,378	3,170	143	65	286	30	250	7	93	13
20 to 24 years	179	177	2	—	80	9	72	—	12	2
25 years and over	3,199	2,992	141	65	206	22	178	7	81	11
25 to 54 years	2,689	2,522	116	50	144	15	125	5	64	—
55 years and over	510	470	25	15	62	7	53	2	17	11
Women, 16 years and over	2,546	2,312	138	97	663	70	576	17	125	26
16 to 19 years	21	16	3	2	44	—	44	—	7	8
20 years and over	2,525	2,296	134	94	619	70	532	16	118	18
20 to 24 years	181	168	11	3	97	8	84	5	13	6
25 years and over	2,344	2,129	124	92	522	62	448	11	106	12
25 to 54 years	1,969	1,781	107	82	432	52	372	8	87	12
55 years and over	375	348	17	10	89	10	76	3	19	—
Hispanic or Latino ethnicity										
Men, 16 years and over	11,508	10,533	808	167	1,016	315	670	31	590	78
16 to 19 years	265	237	28	—	236	27	201	9	58	41
20 years and over	11,243	10,296	780	167	780	288	469	23	532	37
20 to 24 years	1,320	1,162	138	20	248	78	165	6	83	13
25 years and over	9,924	9,135	643	146	532	211	304	17	449	24
25 to 54 years	8,930	8,229	569	131	414	185	219	10	414	16
55 years and over	994	905	73	15	118	25	85	7	35	8
Women, 16 years and over	6,423	5,720	557	146	1,754	260	1,452	42	429	138
16 to 19 years	130	113	17	—	286	13	270	3	33	50
20 years and over	6,292	5,607	540	146	1,468	247	1,182	39	397	89
20 to 24 years	627	555	61	11	337	34	300	3	82	6
25 years and over	5,665	5,052	478	135	1,130	213	881	36	315	82
25 to 54 years	5,015	4,465	434	116	951	190	726	35	265	80
55 years and over	650	586	45	20	180	23	155	1	50	3

¹ Employed persons are classified as full- or part-time workers based on their usual weekly hours at all jobs regardless of the number of hours they were at work during the reference week. Persons absent from work also are classified according to their usual status.

² Includes some persons at work 35 hours or more classified by their reason for working part time.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-19. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Total	146,014	147,118	78,210	78,680	75,247	76,018	67,804	68,438	64,778	65,449
Management, professional, and related occupations	51,714	52,348	25,213	25,603	25,097	25,462	26,501	26,744	26,269	26,548
Management, business, and financial operations occupations	21,905	21,622	12,645	12,471	12,605	12,426	9,260	9,151	9,220	9,119
Management occupations	15,669	15,571	9,897	9,693	9,865	9,660	5,773	5,878	5,752	5,849
Business and financial operations occupations	6,236	6,051	2,749	2,778	2,740	2,766	3,487	3,273	3,469	3,270
Professional and related occupations	29,809	30,726	12,568	13,132	12,492	13,037	17,241	17,593	17,049	17,429
Computer and mathematical occupations	3,248	3,542	2,346	2,613	2,340	2,600	902	929	885	924
Architecture and engineering occupations	2,820	2,988	2,389	2,565	2,380	2,562	431	423	429	423
Life, physical, and social science occupations	1,400	1,384	729	779	729	777	671	605	669	604
Community and social services occupations	2,089	2,269	796	877	792	873	1,293	1,392	1,283	1,384
Legal occupations	1,709	1,722	782	829	782	829	927	893	923	889
Education, training, and library occupations	8,654	8,642	2,244	2,167	2,222	2,135	6,411	6,475	6,312	6,394
Arts, design, entertainment, sports, and media occupations	2,746	2,711	1,369	1,392	1,338	1,356	1,377	1,319	1,328	1,283
Healthcare practitioner and technical occupations	7,142	7,466	1,913	1,911	1,909	1,905	5,229	5,555	5,220	5,526
Service occupations	23,506	23,763	10,255	10,200	9,230	9,322	13,250	13,563	12,188	12,298
Healthcare support occupations	3,065	3,060	364	322	349	304	2,702	2,737	2,639	2,654
Protective service occupations	2,963	2,953	2,289	2,298	2,269	2,259	673	655	642	636
Food preparation and serving related occupations	7,440	7,777	3,376	3,367	2,662	2,738	4,064	4,410	3,388	3,608
Building and grounds cleaning and maintenance occupations	5,314	5,291	3,258	3,292	3,079	3,176	2,056	1,999	1,996	1,916
Personal care and service occupations	4,724	4,682	969	921	871	845	3,755	3,762	3,523	3,484
Sales and office occupations	36,639	36,360	13,471	13,226	12,563	12,454	23,168	23,135	21,625	21,727
Sales and related occupations	17,095	16,582	8,635	8,308	8,081	7,845	8,460	8,275	7,394	7,363
Office and administrative support occupations	19,543	19,778	4,835	4,918	4,482	4,608	14,708	14,860	14,231	14,364
Natural resources, construction, and maintenance occupations	15,998	16,011	15,185	15,301	14,799	14,933	813	710	767	681
Farming, fishing, and forestry occupations	896	915	706	730	640	667	189	185	171	167
Construction and extraction occupations	9,629	9,666	9,287	9,373	9,073	9,158	342	292	322	285
Installation, maintenance, and repair occupations	5,473	5,430	5,191	5,197	5,087	5,109	281	233	275	229
Production, transportation, and material moving occupations	18,158	18,636	14,086	14,350	13,558	13,847	4,072	4,286	3,928	4,195
Production occupations	9,121	9,535	6,370	6,635	6,235	6,495	2,751	2,900	2,702	2,852
Transportation and material moving occupations	9,037	9,101	7,717	7,715	7,322	7,352	1,320	1,387	1,226	1,343

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex

(Percent distribution)

Occupation, race, and Hispanic or Latino ethnicity	Total		Men		Women	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
TOTAL						
Total, 16 years and over (thousands)	146,014	147,118	78,210	78,680	67,804	68,438
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	35.4	35.6	32.2	32.5	39.1	39.1
Management, business, and financial operations occupations	15.0	14.7	16.2	15.9	13.7	13.4
Professional and related occupations	20.4	20.9	16.1	16.7	25.4	25.7
Service occupations	16.1	16.2	13.1	13.0	19.5	19.8
Sales and office occupations	25.1	24.7	17.2	16.8	34.2	33.8
Sales and related occupations	11.7	11.3	11.0	10.6	12.5	12.1
Office and administrative support occupations	13.4	13.4	6.2	6.3	21.7	21.7
Natural resources, construction, and maintenance occupations	11.0	10.9	19.4	19.4	1.2	1.0
Farming, fishing, and forestry occupations .....	.6	.6	.9	.9	.3	.3
Construction and extraction occupations	6.6	6.6	11.9	11.9	.5	.4
Installation, maintenance, and repair occupations	3.7	3.7	6.6	6.6	.4	.3
Production, transportation, and material moving occupations	12.4	12.7	18.0	18.2	6.0	6.3
Production occupations	6.2	6.5	8.1	8.4	4.1	4.2
Transportation and material moving occupations	6.2	6.2	9.9	9.8	1.9	2.0
White						
Total, 16 years and over (thousands)	119,995	120,665	65,404	65,514	54,591	55,151
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	36.0	36.2	32.8	33.1	39.9	39.9
Management, business, and financial operations occupations	15.6	15.4	16.8	16.9	14.1	13.7
Professional and related occupations	20.4	20.8	15.9	16.3	25.7	26.2
Service occupations	15.0	15.2	12.2	12.2	18.4	18.9
Sales and office occupations	25.2	24.6	17.0	16.4	34.9	34.3
Sales and related occupations	12.0	11.4	11.4	10.7	12.8	12.1
Office and administrative support occupations	13.2	13.2	5.6	5.7	22.2	22.2
Natural resources, construction, and maintenance occupations	11.7	11.7	20.5	20.7	1.2	1.0
Farming, fishing, and forestry occupations .....	.7	.7	1.0	1.0	.3	.3
Construction and extraction occupations	7.1	7.2	12.6	12.9	.5	.4
Installation, maintenance, and repair occupations	3.9	3.8	6.9	6.8	.4	.3
Production, transportation, and material moving occupations	12.1	12.3	17.5	17.6	5.6	5.9
Production occupations	6.2	6.3	8.2	8.3	3.8	4.0
Transportation and material moving occupations	5.9	5.9	9.3	9.3	1.8	1.9
Black or African American						
Total, 16 years and over (thousands)	16,021	16,027	7,495	7,571	8,526	8,456
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	27.5	27.0	22.2	22.4	32.2	31.2
Management, business, and financial operations occupations	10.6	9.8	10.5	9.0	10.7	10.5
Professional and related occupations	16.9	17.2	11.7	13.4	21.5	20.7
Service occupations	23.6	22.8	19.8	18.9	26.8	26.4
Sales and office occupations	25.8	26.3	18.8	18.4	31.9	33.4
Sales and related occupations	9.8	10.4	8.2	8.5	11.2	12.1
Office and administrative support occupations	16.0	15.9	10.6	9.9	20.7	21.2
Natural resources, construction, and maintenance occupations	7.2	7.1	14.1	14.2	1.2	.8
Farming, fishing, and forestry occupations .....	.3	.3	.3	.5	.2	.2
Construction and extraction occupations	4.1	3.9	8.5	7.7	.3	.5
Installation, maintenance, and repair occupations	2.8	2.9	5.3	6.0	.7	.2
Production, transportation, and material moving occupations	15.9	16.7	25.1	26.1	7.9	8.2
Production occupations	6.8	7.3	8.9	9.6	5.0	5.2
Transportation and material moving occupations	9.1	9.4	16.2	16.5	2.9	3.1

See footnotes at end of table.

A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex—Continued

(Percent distribution)

Occupation, race, and Hispanic or Latino ethnicity	Total		Men		Women	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Asian						
Total, 16 years and over (thousands)	6,565	6,960	3,470	3,751	3,095	3,209
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	48.1	48.2	48.2	47.9	48.1	48.6
Management, business, and financial operations occupations	15.9	15.1	17.5	14.4	14.1	16.0
Professional and related occupations	32.3	33.1	30.7	33.5	34.1	32.6
Service occupations	15.5	13.9	13.5	11.4	17.8	16.8
Sales and office occupations	22.1	23.0	18.4	20.0	26.3	26.5
Sales and related occupations	11.2	12.0	12.3	12.7	10.0	11.3
Office and administrative support occupations	10.9	10.9	6.1	7.3	16.3	15.2
Natural resources, construction, and maintenance occupations	4.4	4.4	7.9	7.4	.5	.9
Farming, fishing, and forestry occupations .....	.2	.2	.3	.1	—	.3
Construction and extraction occupations	1.8	1.7	3.2	3.2	.3	—
Installation, maintenance, and repair occupations	2.4	2.4	4.4	4.1	.3	.5
Production, transportation, and material moving occupations	9.8	10.5	12.1	13.3	7.2	7.3
Production occupations	6.2	7.6	6.2	8.7	6.2	6.4
Transportation and material moving occupations	3.6	2.9	5.9	4.6	1.0	1.0
Hispanic or Latino ethnicity						
Total, 16 years and over (thousands)	20,006	20,701	12,138	12,524	7,868	8,177
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	18.1	17.7	13.9	14.0	24.5	23.4
Management, business, and financial operations occupations	8.2	8.1	7.4	7.6	9.5	8.8
Professional and related occupations	9.8	9.6	6.5	6.4	15.0	14.6
Service occupations	22.5	23.4	18.7	19.5	28.3	29.4
Sales and office occupations	21.7	21.6	13.9	13.4	33.7	34.3
Sales and related occupations	9.4	9.3	7.2	7.2	12.8	12.5
Office and administrative support occupations	12.3	12.4	6.7	6.2	20.9	21.8
Natural resources, construction, and maintenance occupations	19.8	19.3	31.3	30.7	2.1	1.8
Farming, fishing, and forestry occupations	1.8	1.9	2.5	2.5	.8	.9
Construction and extraction occupations	14.3	13.6	23.0	22.1	1.0	.7
Installation, maintenance, and repair occupations	3.7	3.7	5.9	6.0	.3	.3
Production, transportation, and material moving occupations	17.9	17.9	22.1	22.4	11.5	11.1
Production occupations	9.0	9.1	9.5	10.1	8.4	7.6
Transportation and material moving occupations	8.9	8.9	12.7	12.3	3.1	3.6

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race.

Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

A-21. Employed persons by industry and occupation

(In thousands)

Industry	November 2007											
	Total employed	Management, professional, and related occupations		Service occupations		Sales and office occupations		Natural resources, construction, and maintenance occupations			Production, transportation, and material moving occupations	
		Management, business, and financial operations occupations	Professional and related occupations	Protective service occupations	Service occupations, except protective	Sales and related occupations	Office and administrative support occupations	Farming, fishing, and forestry occupations	Construction and extraction occupations	Installation, maintenance, and repair occupations	Production occupations	Transportation and material moving occupations
Agriculture, forestry, fishing, and hunting	2,082	987	40	17	36	16	76	769	17	37	5	83
Mining	695	108	45	–	3	6	67	–	230	72	42	122
Construction	12,016	1,674	198	13	71	96	646	7	8,198	636	164	312
Manufacturing	16,482	2,711	2,084	27	194	636	1,495	55	318	842	6,804	1,317
Durable goods	10,563	1,707	1,601	9	78	378	915	11	263	535	4,359	707
Nondurable goods	5,919	1,004	483	18	116	258	581	44	55	307	2,445	610
Wholesale and retail trade	21,125	1,363	1,076	58	648	10,877	3,325	50	175	817	684	2,052
Wholesale trade	4,270	464	194	–	51	1,526	753	43	41	193	154	849
Retail trade	16,855	899	881	58	597	9,351	2,572	7	134	624	529	1,202
Transportation and utilities	7,896	762	355	77	300	158	1,743	3	214	482	313	3,490
Information	3,411	713	1,002	1	81	414	669	–	27	397	62	46
Financial activities	10,411	3,825	749	67	278	2,325	2,717	–	76	198	36	141
Professional and business services	15,816	3,408	5,037	535	2,473	602	2,435	5	118	324	382	497
Education and health services	31,159	2,816	16,831	158	6,298	142	3,857	2	113	273	204	466
Leisure and hospitality	12,241	1,503	730	97	7,846	863	669	–	27	117	196	194
Other services	6,967	593	939	8	2,294	421	757	7	46	1,045	555	301
Other services, except private households	6,208	588	933	8	1,568	421	754	7	41	1,043	551	295
Private households	759	5	6	–	727	–	3	–	5	2	5	6
Public administration	6,816	1,159	1,639	1,896	287	28	1,321	16	107	192	88	82

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-22. Employed persons in agriculture and related and in nonagricultural industries by age, sex, and class of worker

(In thousands)

Age and sex	November 2007									
	Agriculture and related industries			Nonagricultural industries						
	Wage and salary workers	Self-employed workers	Unpaid family workers	Wage and salary workers					Self-employed workers	Unpaid family workers
				Total	Private industries			Government		
Total					Private household workers	Other private industries				
Total, 16 years and over	1,171	892	19	135,705	114,583	759	113,824	21,121	9,234	97
16 to 19 years	93	4	8	5,479	5,234	63	5,171	245	66	2
16 to 17 years	42	1	8	2,088	2,006	35	1,971	82	36	-
18 to 19 years	50	2	-	3,390	3,227	27	3,200	163	30	2
20 to 24 years	100	24	2	13,625	12,371	95	12,276	1,255	251	5
25 to 34 years	271	101	2	30,069	26,252	147	26,105	3,817	1,412	29
35 to 44 years	227	140	-	31,739	26,716	148	26,568	5,023	2,186	17
45 to 54 years	272	228	3	31,719	25,766	156	25,610	5,953	2,644	22
55 to 64 years	145	205	-	18,277	14,205	101	14,104	4,072	1,924	18
65 years and over	63	189	2	4,796	4,040	50	3,990	757	751	4
Men, 16 years and over	961	678	8	71,294	62,357	76	62,281	8,937	5,712	27
16 to 19 years	78	2	5	2,536	2,439	4	2,435	97	40	2
16 to 17 years	35	1	5	890	856	1	855	34	15	-
18 to 19 years	43	-	-	1,646	1,583	3	1,580	63	24	2
20 to 24 years	86	18	-	7,181	6,654	5	6,649	527	155	5
25 to 34 years	223	80	-	16,338	14,792	24	14,767	1,546	902	15
35 to 44 years	184	107	-	16,951	14,758	20	14,738	2,193	1,350	-
45 to 54 years	216	171	-	16,438	13,883	17	13,866	2,555	1,611	3
55 to 64 years	119	147	-	9,357	7,657	4	7,653	1,701	1,191	1
65 years and over	55	153	2	2,493	2,175	2	2,173	318	464	1
Women, 16 years and over	209	215	11	64,410	52,226	683	51,543	12,184	3,522	70
16 to 19 years	15	2	3	2,942	2,795	59	2,736	148	27	-
16 to 17 years	7	-	3	1,198	1,150	35	1,116	48	21	-
18 to 19 years	8	2	-	1,744	1,644	24	1,620	100	6	-
20 to 24 years	14	7	2	6,445	5,717	90	5,627	728	96	-
25 to 34 years	48	21	2	13,731	11,460	123	11,337	2,271	509	14
35 to 44 years	43	33	-	14,788	11,958	128	11,830	2,830	837	17
45 to 54 years	56	57	3	15,281	11,883	139	11,744	3,398	1,033	19
55 to 64 years	26	59	-	8,920	6,549	97	6,451	2,371	733	17
65 years and over	8	36	-	2,303	1,865	48	1,817	438	287	3

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

A-23. Employed persons in nonagricultural industries by sex and class of worker

(In thousands)

Industry and sex	November 2007				Self-employed workers
	Total employed ¹	Wage and salary workers			
		Total	Private industries	Government	
TOTAL					
Total, 16 years and over	145,036	135,705	114,583	21,121	9,234
Mining	695	691	687	4	4
Construction	12,016	10,113	9,739	374	1,885
Manufacturing	16,482	16,148	16,045	103	331
Durable goods	10,563	10,360	10,293	67	200
Nondurable goods	5,919	5,788	5,752	36	131
Wholesale and retail trade	21,125	20,077	19,975	102	1,034
Wholesale trade	4,270	4,096	4,085	11	175
Retail trade	16,855	15,982	15,891	91	859
Transportation and utilities	7,896	7,463	5,930	1,533	430
Transportation and warehousing	6,654	6,221	5,001	1,220	430
Utilities	1,242	1,242	929	313	-
Information	3,411	3,304	3,134	170	107
Financial activities	10,411	9,672	9,415	256	737
Finance and insurance	7,342	7,043	6,880	163	299
Real estate and rental and leasing	3,069	2,628	2,535	93	438
Professional and business services	15,816	13,801	13,427	374	1,991
Professional and technical services	9,337	8,205	8,004	201	1,128
Management, administrative, and waste services	6,479	5,596	5,423	173	863
Education and health services	31,159	30,108	19,113	10,995	1,040
Educational services	13,182	12,999	3,786	9,213	182
Health care and social assistance	17,977	17,109	15,326	1,782	857
Hospitals	6,253	6,249	5,433	815	5
Health services, except hospitals	8,659	8,325	7,857	468	325
Social assistance	3,065	2,535	2,036	499	528
Leisure and hospitality	12,241	11,561	11,190	371	661
Arts, entertainment, and recreation	2,703	2,287	1,982	305	412
Accommodation and food services	9,538	9,274	9,208	66	249
Other services	6,967	5,952	5,928	23	1,014
Other services, except private households	6,208	5,192	5,169	23	1,014
Private households	759	759	759	-	-
Public administration	6,816	6,816	-	6,816	-
Men					
Total, 16 years and over	77,033	71,294	62,357	8,937	5,712
Mining	590	587	583	4	3
Construction	10,874	9,109	8,769	341	1,764
Manufacturing	11,596	11,381	11,308	73	214
Durable goods	7,827	7,664	7,614	50	162
Nondurable goods	3,769	3,717	3,693	24	52
Wholesale and retail trade	11,545	10,977	10,932	45	567
Wholesale trade	2,985	2,851	2,842	9	134
Retail trade	8,560	8,126	8,090	37	432
Transportation and utilities	6,038	5,669	4,602	1,066	366
Transportation and warehousing	5,057	4,688	3,877	811	366
Utilities	980	980	725	256	-
Information	2,013	1,944	1,911	33	69
Financial activities	4,737	4,291	4,191	100	446
Finance and insurance	3,101	2,871	2,806	66	230
Real estate and rental and leasing	1,636	1,420	1,385	35	215
Professional and business services	9,194	7,937	7,693	244	1,240
Professional and technical services	5,359	4,642	4,524	118	716
Management, administrative, and waste services	3,835	3,295	3,168	127	524
Education and health services	7,631	7,402	4,339	3,063	228
Educational services	3,907	3,851	1,238	2,613	56
Health care and social assistance	3,724	3,551	3,100	451	172
Hospitals	1,532	1,532	1,254	278	-
Health services, except hospitals	1,731	1,592	1,505	87	138
Social assistance	461	427	341	86	34
Leisure and hospitality	5,849	5,502	5,292	210	343
Arts, entertainment, and recreation	1,399	1,191	1,015	176	208
Accommodation and food services	4,450	4,311	4,277	34	135
Other services	3,231	2,758	2,738	20	473
Other services, except private households	3,155	2,682	2,662	20	473
Private households	76	76	76	-	-
Public administration	3,737	3,737	-	3,737	-

See footnotes at end of table.

A-23. Employed persons in nonagricultural industries by sex and class of worker—Continued

(In thousands)

Industry and sex	November 2007				
	Total employed ¹	Wage and salary workers			Self-employed workers
		Total	Private industries	Government	
Women					
Total, 16 years and over	68,003	64,410	52,226	12,184	3,522
Mining	105	104	104	—	2
Construction	1,142	1,003	970	33	121
Manufacturing	4,886	4,767	4,738	29	116
Durable goods	2,737	2,696	2,679	17	38
Nondurable goods	2,150	2,071	2,059	12	79
Wholesale and retail trade	9,580	9,100	9,043	57	467
Wholesale trade	1,285	1,245	1,242	3	40
Retail trade	8,295	7,855	7,801	54	427
Transportation and utilities	1,859	1,794	1,328	467	64
Transportation and warehousing	1,597	1,533	1,123	409	64
Utilities	262	262	204	57	—
Information	1,398	1,360	1,223	137	38
Financial activities	5,674	5,380	5,224	156	291
Finance and insurance	4,240	4,172	4,075	97	69
Real estate and rental and leasing	1,434	1,208	1,150	59	222
Professional and business services	6,622	5,864	5,735	130	751
Professional and technical services	3,978	3,563	3,480	83	412
Management, administrative, and waste services	2,644	2,301	2,255	46	340
Education and health services	23,528	22,706	14,774	7,932	811
Educational services	9,275	9,148	2,548	6,600	126
Health care and social assistance	14,253	13,558	12,226	1,332	685
Hospitals	4,721	4,717	4,179	537	4
Health services, except hospitals	6,928	6,733	6,353	381	187
Social assistance	2,604	2,108	1,694	414	494
Leisure and hospitality	6,393	6,059	5,898	162	319
Arts, entertainment, and recreation	1,305	1,096	967	130	205
Accommodation and food services	5,088	4,963	4,931	32	114
Other services	3,736	3,194	3,191	3	541
Other services, except private households	3,053	2,510	2,507	3	541
Private households	683	683	683	—	—
Public administration	3,079	3,079	—	3,079	—

¹ Includes unpaid family workers, not shown separately.

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

A-24. Persons at work in agriculture and related and in nonagricultural industries by hours of work

Hours of work	November 2007					
	Thousands of persons			Percent distribution		
	All industries	Agriculture and related industries	Nonagricultural industries	All industries	Agriculture and related industries	Nonagricultural industries
Total, 16 years and over	143,191	2,003	141,188	100.0	100.0	100.0
1 to 34 hours	32,552	484	32,068	22.7	24.2	22.7
1 to 4 hours	1,263	42	1,221	.9	2.1	.9
5 to 14 hours	5,380	110	5,270	3.8	5.5	3.7
15 to 29 hours	16,272	214	16,058	11.4	10.7	11.4
30 to 34 hours	9,636	118	9,519	6.7	5.9	6.7
35 hours and over	110,639	1,518	109,121	77.3	75.8	77.3
35 to 39 hours	9,607	105	9,502	6.7	5.2	6.7
40 hours	61,066	588	60,479	42.6	29.3	42.8
41 hours and over	39,965	826	39,140	27.9	41.2	27.7
41 to 48 hours	14,303	114	14,189	10.0	5.7	10.0
49 to 59 hours	15,137	263	14,874	10.6	13.1	10.5
60 hours and over	10,525	449	10,076	7.4	22.4	7.1
Average hours, total at work	39.2	43.3	39.1	-	-	-
Average hours, persons who usually work full time	43.0	48.8	42.9	-	-	-

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

A-25. Persons at work 1 to 34 hours in all and in nonagricultural industries by reason for working less than 35 hours and usual full- or part-time status

(Numbers in thousands)

Reason for working less than 35 hours	November 2007					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	32,552	9,218	23,334	32,068	9,069	22,999
Economic reasons	4,374	1,700	2,674	4,301	1,651	2,650
Slack work or business conditions	2,959	1,493	1,466	2,926	1,469	1,458
Could only find part-time work	1,146	-	1,146	1,136	-	1,136
Seasonal work	148	85	63	128	73	56
Job started or ended during week	122	122	-	110	110	-
Noneconomic reasons	28,178	7,518	20,661	27,767	7,417	20,349
Child-care problems	737	72	665	737	72	664
Other family or personal obligations	6,021	833	5,188	5,952	821	5,131
Health or medical limitations	947	-	947	912	-	912
In school or training	6,792	93	6,698	6,706	93	6,613
Retired or Social Security limit on earnings	2,305	-	2,305	2,210	-	2,210
Vacation or personal day	3,423	3,423	-	3,386	3,386	-
Holiday, legal or religious	366	366	-	363	363	-
Weather-related curtailment	124	124	-	121	121	-
All other reasons	7,463	2,606	4,857	7,381	2,561	4,820
Average hours:						
Economic reasons	23.5	24.6	22.8	23.5	24.5	22.8
Other reasons	21.1	25.2	19.6	21.2	25.2	19.7

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-26. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status

(Numbers in thousands)

Industry and class of worker	November 2007							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total, 16 years and over	141,188	32,068	4,301	7,417	20,349	109,121	39.1	42.9
Wage and salary workers	132,363	29,062	3,729	6,821	18,511	103,301	39.2	42.8
Mining	665	41	7	20	14	623	48.3	49.1
Construction	9,922	1,456	484	530	442	8,466	41.0	42.2
Manufacturing	15,807	1,491	293	637	560	14,317	42.8	43.8
Durable goods	10,146	912	173	428	311	9,234	42.9	43.7
Nondurable goods	5,661	579	120	209	250	5,082	42.7	44.0
Wholesale and retail trade	19,558	5,268	655	812	3,801	14,290	38.0	42.8
Transportation and utilities	7,245	1,180	231	403	545	6,066	42.0	44.2
Information	3,220	575	63	168	344	2,644	40.0	43.0
Financial activities	9,414	1,503	133	521	849	7,911	40.4	42.6
Professional and business services	13,499	2,552	415	698	1,440	10,946	40.0	42.9
Education and health services	29,306	7,717	542	1,708	5,468	21,588	37.7	42.1
Leisure and hospitality	11,302	4,523	646	467	3,411	6,779	34.7	42.5
Other services	5,791	1,741	215	245	1,281	4,051	36.8	42.7
Other services, except private households	5,057	1,383	169	200	1,014	3,674	37.5	42.9
Private households	735	358	47	45	267	377	31.9	41.4
Public administration	6,633	1,014	46	612	357	5,619	41.0	42.4
Self-employed workers	8,728	2,960	568	588	1,803	5,768	37.7	43.9
Unpaid family workers	97	46	3	8	35	52	34.4	(¹)

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

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-27. Persons at work in nonagricultural industries by age, sex, race, Hispanic or Latino ethnicity, marital status, and usual full- or part-time status

(Numbers in thousands)

Age, sex, race, Hispanic or Latino ethnicity, and marital status	November 2007							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
AGE AND SEX								
Total, 16 years and over	141,188	32,068	4,301	7,417	20,349	109,121	39.1	42.9
16 to 19 years	5,404	4,029	229	158	3,643	1,374	23.4	39.4
16 to 17 years	2,045	1,869	10	29	1,829	176	16.7	38.5
18 to 19 years	3,359	2,160	218	128	1,814	1,198	27.5	39.5
20 years and over	135,785	28,038	4,072	7,260	16,706	107,747	39.8	42.9
20 to 24 years	13,613	4,771	787	523	3,461	8,842	35.2	41.3
25 years and over	122,172	23,267	3,286	6,737	13,245	98,905	40.3	43.1
25 to 54 years	97,371	16,461	2,662	5,340	8,459	80,910	40.9	43.1
55 years and over	24,801	6,806	624	1,396	4,786	17,995	38.0	42.9
Men, 16 years and over	75,222	12,093	2,347	3,618	6,127	63,129	41.6	44.0
16 to 19 years	2,517	1,688	117	70	1,501	829	25.4	40.0
16 to 17 years	870	769	5	23	741	101	17.5	37.5
18 to 19 years	1,647	919	112	47	760	729	29.6	40.4
20 years and over	72,705	10,405	2,230	3,549	4,627	62,300	42.2	44.1
20 to 24 years	7,221	2,133	468	277	1,387	5,088	36.8	41.8
25 years and over	65,484	8,272	1,761	3,271	3,239	57,212	42.8	44.3
25 to 54 years	52,466	5,487	1,404	2,541	1,541	46,980	43.4	44.3
55 years and over	13,018	2,785	357	730	1,698	10,232	40.5	44.1
Women, 16 years and over	65,966	19,974	1,954	3,799	14,222	45,992	36.3	41.3
16 to 19 years	2,886	2,342	111	88	2,143	545	21.7	38.5
16 to 17 years	1,175	1,100	5	6	1,089	75	16.1	40.2
18 to 19 years	1,711	1,242	106	81	1,054	470	25.6	38.3
20 years and over	63,080	17,633	1,843	3,711	12,079	45,447	37.0	41.3
20 to 24 years	6,392	2,638	318	246	2,074	3,754	33.4	40.5
25 years and over	56,688	14,995	1,524	3,465	10,006	41,693	37.4	41.4
25 to 54 years	44,904	10,974	1,258	2,799	6,917	33,930	37.9	41.4
55 years and over	11,783	4,021	267	666	3,088	7,762	35.2	41.2
RACE AND HISPANIC OR LATINO ETHNICITY								
White, 16 years and over	115,525	26,957	3,316	6,214	17,427	88,568	39.1	43.0
Men	62,427	10,057	1,867	3,093	5,096	52,370	41.8	44.2
Women	53,098	16,900	1,448	3,121	12,330	36,199	36.0	41.3
Black or African American, 16 years and over	15,588	3,079	691	764	1,624	12,509	39.1	41.9
Men	7,356	1,212	332	297	584	6,144	40.7	43.0
Women	8,232	1,867	359	467	1,040	6,365	37.8	40.8
Asian, 16 years and over	6,754	1,228	138	242	848	5,526	39.4	42.7
Men	3,666	472	60	118	294	3,195	41.2	43.4
Women	3,088	757	78	124	554	2,331	37.3	41.7
Hispanic or Latino ethnicity, 16 years and over	19,864	3,895	936	944	2,015	15,969	38.9	41.4
Men	11,927	1,703	592	483	628	10,224	40.6	42.2
Women	7,937	2,192	344	461	1,387	5,745	36.3	40.1
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	44,283	5,158	942	2,211	2,005	39,125	43.4	44.7
Widowed, divorced, or separated	9,359	1,411	344	508	559	7,948	42.0	43.7
Never married	21,580	5,524	1,060	900	3,564	16,056	38.0	42.6
Women, 16 years and over:								
Married, spouse present	34,542	10,133	755	1,979	7,399	24,409	36.4	41.1
Widowed, divorced, or separated	13,331	3,205	456	868	1,882	10,125	38.3	41.8
Never married	18,093	6,636	743	952	4,941	11,457	34.5	41.2

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino

may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-28. Persons at work by occupation, sex, and usual full- or part-time status

(Numbers in thousands)

Occupation and sex	November 2007							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total, 16 years and over	143,191	32,552	4,374	7,518	20,661	110,639	39.2	43.0
Management, professional, and related occupations	51,044	9,320	706	2,943	5,672	41,724	41.1	44.0
Management, business, and financial operations occupations	21,111	2,769	290	1,107	1,373	18,342	43.6	45.4
Professional and related occupations	29,933	6,551	416	1,836	4,299	23,382	39.4	42.9
Service occupations	23,142	8,387	1,214	1,049	6,124	14,755	35.2	41.9
Sales and office occupations	35,306	9,405	953	1,781	6,670	25,901	37.4	42.0
Sales and related occupations	16,061	4,594	524	701	3,369	11,467	38.0	43.6
Office and administrative support occupations	19,245	4,810	429	1,080	3,301	14,435	36.9	40.8
Natural resources, construction, and maintenance occupations ¹	15,550	2,439	763	966	709	13,111	40.6	42.0
Construction and extraction occupations	9,369	1,649	630	643	376	7,720	40.0	41.3
Installation, maintenance, and repair occupations	5,297	596	98	285	214	4,701	41.7	42.7
Production, transportation, and material moving occupations	18,149	3,001	738	778	1,485	15,148	41.1	43.5
Production occupations	9,298	1,122	260	378	484	8,176	41.5	42.9
Transportation and material moving occupations	8,851	1,879	477	400	1,001	6,972	40.7	44.2
Men, 16 years and over	76,824	12,410	2,408	3,685	6,317	64,413	41.7	44.2
Management, professional, and related occupations	25,107	3,138	341	1,249	1,548	21,969	44.0	45.8
Management, business, and financial operations occupations	12,224	1,270	183	543	544	10,954	45.7	47.1
Professional and related occupations	12,883	1,868	158	706	1,004	11,015	42.3	44.6
Service occupations	9,971	2,613	502	397	1,714	7,358	38.2	43.1
Sales and office occupations	12,888	2,383	297	541	1,545	10,506	40.8	44.2
Sales and related occupations	8,064	1,439	178	323	938	6,625	41.8	45.2
Office and administrative support occupations	4,825	943	119	218	607	3,881	39.1	42.4
Natural resources, construction, and maintenance occupations ¹	14,856	2,241	724	916	602	12,614	40.8	42.0
Construction and extraction occupations	9,086	1,558	612	622	324	7,528	40.1	41.3
Installation, maintenance, and repair occupations	5,068	553	87	266	199	4,516	41.8	42.8
Production, transportation, and material moving occupations	14,002	2,035	544	582	909	11,966	42.0	44.1
Production occupations	6,498	605	158	245	202	5,893	42.6	43.6
Transportation and material moving occupations	7,503	1,430	386	337	707	6,073	41.5	44.6
Women, 16 years and over	66,367	20,142	1,965	3,832	14,344	46,226	36.3	41.3
Management, professional, and related occupations	25,937	6,182	365	1,694	4,124	19,755	38.4	42.1
Management, business, and financial operations occupations	8,887	1,499	107	563	829	7,388	40.7	43.1
Professional and related occupations	17,050	4,683	258	1,130	3,295	12,367	37.1	41.5
Service occupations	13,171	5,774	712	652	4,410	7,397	33.0	40.8
Sales and office occupations	22,418	7,022	656	1,240	5,126	15,396	35.5	40.5
Sales and related occupations	7,997	3,155	346	378	2,431	4,842	34.2	41.3
Office and administrative support occupations	14,420	3,867	310	862	2,695	10,553	36.1	40.2
Natural resources, construction, and maintenance occupations ¹	694	197	39	51	108	497	37.4	42.0
Construction and extraction occupations	283	91	17	22	52	192	36.3	41.6
Installation, maintenance, and repair occupations	229	43	11	18	14	186	39.3	41.0
Production, transportation, and material moving occupations	4,147	966	194	196	576	3,181	38.0	41.4
Production occupations	2,800	517	102	133	282	2,282	38.8	41.3
Transportation and material moving occupations	1,348	449	91	63	294	899	36.4	41.5

¹ Includes farming, fishing, and forestry occupations, not shown separately.

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

A-29. Unemployed persons by marital status, race, Hispanic or Latino ethnicity, age, and sex

Marital status, race, Hispanic or Latino ethnicity, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Total, 16 years and over	3,479	3,722	4.3	4.5	3,097	3,195	4.4	4.5
Married, spouse present	1,051	1,130	2.2	2.4	962	1,105	2.6	3.0
Widowed, divorced, or separated	535	544	5.1	5.2	731	706	5.0	4.9
Never married	1,893	2,048	7.9	8.4	1,403	1,384	7.2	6.9
White, 16 years and over	2,489	2,729	3.7	4.0	2,152	2,222	3.8	3.9
Married, spouse present	807	892	2.0	2.2	755	874	2.4	2.8
Widowed, divorced, or separated	398	381	4.6	4.4	547	527	4.8	4.7
Never married	1,283	1,456	6.7	7.7	850	821	6.0	5.7
Black or African American, 16 years and over	730	734	8.9	8.8	739	721	8.0	7.9
Married, spouse present	169	130	4.8	3.6	118	132	4.2	4.7
Widowed, divorced, or separated	101	119	7.3	10.4	135	132	5.6	5.7
Never married	459	484	13.7	13.8	486	456	12.0	11.3
Asian, 16 years and over	115	111	3.2	2.9	99	151	3.1	4.5
Married, spouse present	47	64	2.0	2.5	60	75	3.0	3.8
Widowed, divorced, or separated	15	13	4.6	4.6	18	21	3.9	4.2
Never married	53	35	5.7	3.2	22	55	2.8	6.4
Hispanic or Latino ethnicity, 16 years and over	569	668	4.5	5.1	473	567	5.7	6.5
Married, spouse present	218	253	3.3	3.7	185	253	4.7	6.3
Widowed, divorced, or separated	73	90	4.1	5.0	115	100	6.4	5.3
Never married	279	325	6.5	7.2	173	215	6.6	7.6
Total, 25 years and over	2,248	2,428	3.2	3.4	2,086	2,239	3.5	3.7
Married, spouse present	992	1,077	2.2	2.3	883	1,020	2.5	2.8
Widowed, divorced, or separated	505	510	4.9	5.0	696	666	4.9	4.7
Never married	750	841	5.4	5.9	507	553	4.8	5.0
White, 25 years and over	1,644	1,774	2.8	3.0	1,471	1,571	3.0	3.2
Married, spouse present	769	853	2.0	2.2	695	797	2.3	2.6
Widowed, divorced, or separated	369	354	4.4	4.2	516	502	4.7	4.6
Never married	506	566	4.8	5.2	259	272	3.7	3.7
Black or African American, 25 years and over	455	461	6.6	6.6	470	489	6.1	6.3
Married, spouse present	157	117	4.5	3.3	109	129	4.0	4.6
Widowed, divorced, or separated	101	114	7.6	10.2	135	126	5.7	5.6
Never married	197	230	9.6	10.2	227	234	8.5	8.5
Asian, 25 years and over	80	92	2.4	2.6	74	118	2.6	3.9
Married, spouse present	42	64	1.8	2.6	52	75	2.7	3.8
Widowed, divorced, or separated	15	11	4.6	3.9	15	17	3.3	3.6
Never married	23	18	3.5	2.4	6	25	1.3	4.7
Hispanic or Latino ethnicity, 25 years and over	373	473	3.6	4.3	324	397	4.8	5.5
Married, spouse present	202	242	3.2	3.7	162	234	4.4	6.1
Widowed, divorced, or separated	64	76	3.8	4.5	108	97	6.2	5.3
Never married	108	154	4.4	5.9	54	67	3.9	4.3

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-30. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Total, 16 years and over ¹	6,576	6,917	4.3	4.5	4.3	4.5	4.4	4.5
Management, professional, and related occupations	919	963	1.7	1.8	1.8	1.7	1.7	1.9
Management, business, and financial operations occupations	373	378	1.7	1.7	1.6	1.5	1.7	2.0
Management occupations	252	246	1.6	1.6	1.5	1.5	1.7	1.7
Business and financial operations occupations	121	132	1.9	2.1	2.0	1.6	1.8	2.6
Professional and related occupations	546	585	1.8	1.9	1.9	1.9	1.7	1.8
Computer and mathematical occupations	81	62	2.4	1.7	2.9	1.5	1.3	2.3
Architecture and engineering occupations	52	36	1.8	1.2	1.7	1.0	2.7	2.3
Life, physical, and social science occupations	24	18	1.7	1.2	.9	1.9	2.5	.4
Community and social services occupations	35	50	1.7	2.2	1.2	3.1	2.0	1.6
Legal occupations	10	46	.6	2.6	.4	1.8	.7	3.4
Education, training, and library occupations	137	120	1.6	1.4	2.3	.9	1.3	1.5
Arts, design, entertainment, sports, and media occupations	100	132	3.5	4.6	3.8	5.3	3.3	4.0
Healthcare practitioner and technical occupations	105	122	1.5	1.6	.5	1.7	1.8	1.6
Service occupations	1,477	1,651	5.9	6.5	6.1	6.5	5.8	6.5
Healthcare support occupations	143	158	4.5	4.9	3.9	7.4	4.5	4.6
Protective service occupations	106	100	3.5	3.3	3.2	3.1	4.4	4.0
Food preparation and serving related occupations	578	686	7.2	8.1	7.5	8.9	6.9	7.5
Building and grounds cleaning and maintenance occupations	421	409	7.3	7.2	7.2	6.1	7.5	8.9
Personal care and service occupations	230	297	4.6	6.0	4.4	6.8	4.7	5.8
Sales and office occupations	1,617	1,579	4.2	4.2	3.6	3.9	4.6	4.3
Sales and related occupations	763	757	4.3	4.4	3.1	3.6	5.4	5.1
Office and administrative support occupations	854	822	4.2	4.0	4.5	4.5	4.1	3.8
Natural resources, construction, and maintenance occupations	926	955	5.5	5.6	5.3	5.4	8.4	10.4
Farming, fishing, and forestry occupations	138	83	13.4	8.4	12.7	7.4	16.0	11.8
Construction and extraction occupations	619	719	6.0	6.9	6.0	6.7	7.2	13.8
Installation, maintenance, and repair occupations	168	153	3.0	2.7	2.9	2.7	4.1	4.5
Production, transportation, and material moving occupations	1,059	1,117	5.5	5.7	5.0	5.4	7.2	6.6
Production occupations	521	571	5.4	5.6	4.7	5.5	7.0	6.1
Transportation and material moving occupations	538	546	5.6	5.7	5.3	5.3	7.5	7.6
No previous work experience	547	622	-	-	-	-	-	-
16 to 19 years	364	424	-	-	-	-	-	-
20 to 24 years	83	89	-	-	-	-	-	-
25 years and over	100	109	-	-	-	-	-	-

¹ Includes a small number of persons whose last job was in the Armed Forces.

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

A-31. Unemployed persons by industry, class of worker, and sex

Industry and class of worker	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Total, 16 years and over	6,576	6,917	4.3	4.5	4.3	4.5	4.4	4.5
Nonagricultural private wage and salary workers	5,246	5,397	4.4	4.5	4.3	4.5	4.6	4.5
Mining	22	16	2.9	2.3	2.8	2.1	3.9	3.5
Construction	618	645	6.0	6.2	6.2	6.1	4.7	6.9
Manufacturing	702	762	4.3	4.5	3.7	4.1	5.7	5.5
Durable goods	426	440	4.2	4.1	3.5	3.7	5.9	5.2
Nonmetallic mineral products	23	16	4.8	3.2	4.5	3.1	6.0	3.6
Primary and fabricated metal products	92	50	4.7	2.7	4.7	2.4	5.0	3.7
Machinery manufacturing	23	51	1.9	3.5	1.0	3.4	5.5	4.1
Computer and electronic products	58	51	4.1	3.3	3.2	1.9	5.8	6.3
Electrical equipment and appliances	28	13	4.8	2.6	3.4	1.6	8.0	4.4
Transportation equipment	84	146	3.6	6.2	3.3	5.6	4.7	7.8
Wood products	15	21	3.3	4.4	4.1	2.4	.6	11.6
Furniture and fixtures	37	42	5.4	6.2	4.9	8.0	6.9	.6
Miscellaneous manufacturing	66	51	5.5	3.8	3.6	3.6	8.0	4.0
Nondurable goods	276	322	4.6	5.3	4.1	4.9	5.5	5.9
Food manufacturing	91	86	5.7	5.2	5.8	5.3	5.5	5.0
Beverage and tobacco products	9	13	3.4	4.5	3.4	5.9	(¹)	-
Textile, apparel, and leather	39	56	5.5	7.8	6.8	8.6	4.6	7.2
Paper and printing	48	53	4.2	4.4	3.2	3.4	6.3	6.9
Petroleum and coal products	7	9	5.3	3.6	3.5	4.6	(¹)	-
Chemicals	36	55	2.6	4.2	1.7	3.3	4.4	5.7
Plastics and rubber products	46	50	6.1	7.8	5.3	7.3	8.3	8.8
Wholesale and retail trade	1,018	893	4.8	4.3	4.0	3.9	5.7	4.7
Wholesale trade	133	140	2.9	3.3	2.4	2.7	4.1	4.7
Retail trade	885	753	5.3	4.5	4.6	4.4	6.0	4.7
Transportation and utilities	183	242	3.1	3.9	3.0	3.4	3.5	5.8
Transportation and warehousing	183	234	3.7	4.5	3.5	3.8	4.2	6.6
Utilities	-	8	-	.8	.1	.7	-	1.4
Information ²	137	132	3.9	4.0	4.3	3.7	3.3	4.6
Publishing, except Internet	27	16	2.8	2.0	3.0	1.5	2.5	2.6
Motion picture and sound recording industries	24	31	6.2	8.5	6.6	9.9	5.2	5.5
Broadcasting, except Internet	22	28	3.7	4.3	6.0	3.4	.9	6.0
Telecommunications	54	45	4.3	3.7	3.8	2.6	5.2	5.6
Internet service providers and data processing services	3	8	1.3	5.7	1.0	8.5	1.9	-
Other information services	4	4	3.7	3.8	(¹)	-	-	(¹)
Financial activities	229	261	2.3	2.7	2.0	2.8	2.6	2.6
Finance and insurance	139	179	2.0	2.5	2.0	2.5	1.9	2.6
Finance	99	128	2.1	2.7	1.8	2.9	2.3	2.7
Insurance	39	50	1.7	2.1	2.6	1.5	1.2	2.4
Real estate and rental and leasing	91	83	3.3	3.2	1.9	3.6	4.7	2.7
Real estate	78	72	3.4	3.4	1.7	3.9	5.0	2.8
Rental and leasing services	13	11	2.5	2.3	2.6	2.4	2.4	2.0
Professional and business services	658	679	4.9	4.8	4.7	4.5	5.1	5.2
Professional and technical services	168	209	2.2	2.5	2.0	1.7	2.4	3.6
Management, administrative, and waste services ²	490	470	8.6	8.0	8.2	8.3	9.1	7.5
Administrative and support services	470	442	9.1	8.1	8.7	8.5	9.6	7.7
Waste management and remediation services	20	28	6.0	7.2	5.7	7.1	(¹)	(¹)
Education and health services	536	526	2.8	2.7	2.2	2.6	3.0	2.7
Educational services	107	119	2.7	3.0	3.7	2.9	2.2	3.1
Health care and social assistance	429	407	2.8	2.6	1.5	2.5	3.1	2.6
Hospitals	85	68	1.7	1.2	.4	1.5	2.0	1.2
Health services, except hospitals	259	226	3.2	2.8	2.1	3.1	3.5	2.7
Social assistance	85	113	3.9	5.3	2.5	4.0	4.1	5.5

See footnotes at end of table.

A-31. Unemployed persons by industry, class of worker, and sex—Continued

Industry and class of worker	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Leisure and hospitality	836	986	7.1	8.1	6.9	7.9	7.2	8.3
Arts, entertainment, and recreation	148	170	7.2	7.9	6.5	8.0	8.0	7.8
Accommodation and food services	688	816	7.0	8.1	7.0	7.9	7.1	8.3
Accommodation	98	104	6.7	7.3	4.7	6.9	8.1	7.6
Food services and drinking places	590	712	7.1	8.3	7.3	8.0	6.9	8.5
Other services	306	255	5.0	4.1	5.0	3.8	5.1	4.4
Other services, except private households	232	181	4.4	3.4	4.7	3.7	4.1	3.1
Repair and maintenance	114	83	6.4	4.6	6.1	5.0	8.8	2.7
Personal and laundry services	57	66	3.5	4.1	3.8	2.8	3.4	4.5
Membership associations and organizations	61	31	3.3	1.6	2.6	1.6	3.9	1.6
Private households	74	74	9.2	8.9	(¹)	8.7	8.4	8.9
Agricultural and related private wage and salary workers	125	80	9.6	6.6	8.6	6.1	13.2	9.2
Government workers	400	482	1.9	2.2	2.1	2.2	1.7	2.3
Self-employed and unpaid family workers	257	336	2.3	3.2	2.5	3.3	2.0	3.0
No previous work experience	547	622	—	—	—	—	—	—

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

² Includes other industries, not shown separately.

NOTE: Beginning in January 2007, data reflect revised population controls

used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-32. Unemployed persons by reason for unemployment, sex, and age

(Numbers in thousands)

Reason	Total, 16 years and over		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
NUMBER OF UNEMPLOYED								
Total unemployed	6,576	6,917	2,914	3,095	2,630	2,739	1,031	1,082
Job losers and persons who completed temporary jobs	3,025	3,382	1,707	1,988	1,168	1,223	150	170
On temporary layoff	808	814	459	483	294	260	56	71
Not on temporary layoff	2,217	2,568	1,248	1,506	874	963	95	99
Permanent job losers	1,530	1,814	834	1,057	630	699	66	58
Persons who completed temporary jobs	686	754	414	449	244	264	28	41
Job leavers	772	763	388	338	317	383	67	42
Reentrants	2,232	2,150	751	697	1,031	1,007	450	446
New entrants	547	622	68	72	115	126	364	424
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	46.0	48.9	58.6	64.2	44.4	44.6	14.6	15.7
On temporary layoff	12.3	11.8	15.8	15.6	11.2	9.5	5.4	6.6
Not on temporary layoff	33.7	37.1	42.8	48.6	33.2	35.2	9.2	9.2
Job leavers	11.7	11.0	13.3	10.9	12.0	14.0	6.5	3.9
Reentrants	33.9	31.1	25.8	22.5	39.2	36.8	43.6	41.2
New entrants	8.3	9.0	2.3	2.3	4.4	4.6	35.3	39.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs	2.0	2.2	2.2	2.5	1.7	1.8	2.1	2.5
Job leavers .....	.5	.5	.5	.4	.5	.6	1.0	.6
Reentrants	1.5	1.4	1.0	.9	1.5	1.5	6.4	6.6
New entrants .....	.4	.4	.1	.1	.2	.2	5.2	6.3

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-33. Unemployed persons by reason for unemployment, race, and Hispanic or Latino ethnicity

(Numbers in thousands)

Reason	White		Black or African American		Asian		Hispanic or Latino ethnicity	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
NUMBER OF UNEMPLOYED								
Total unemployed	4,640	4,951	1,469	1,454	214	262	1,042	1,236
Job losers and persons who completed temporary jobs	2,210	2,527	639	628	76	107	537	666
On temporary layoff	670	664	103	120	7	12	192	187
Not on temporary layoff	1,541	1,863	535	509	69	96	345	479
Permanent job losers	1,138	1,360	301	318	52	72	219	293
Persons who completed temporary jobs	403	502	234	191	17	23	126	186
Job leavers	604	578	109	126	17	29	90	102
Reentrants	1,458	1,443	589	528	90	87	292	336
New entrants	368	402	132	172	32	39	123	132
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	47.6	51.0	43.5	43.2	35.3	41.0	51.5	53.9
On temporary layoff	14.4	13.4	7.0	8.2	3.3	4.5	18.4	15.1
Not on temporary layoff	33.2	37.6	36.5	35.0	32.0	36.5	33.1	38.7
Job leavers	13.0	11.7	7.4	8.7	7.9	11.2	8.7	8.2
Reentrants	31.4	29.1	40.1	36.3	42.0	33.2	28.0	27.2
New entrants	7.9	8.1	9.0	11.8	14.8	14.7	11.8	10.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs	1.8	2.0	3.7	3.6	1.1	1.5	2.6	3.0
Job leavers .....	.5	.5	.6	.7	.2	.4	.4	.5
Reentrants	1.2	1.1	3.4	3.0	1.3	1.2	1.4	1.5
New entrants .....	.3	.3	.8	1.0	.5	.5	.6	.6

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

A-34. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	November 2007						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	6,917	100.0	35.4	31.5	33.1	13.5	19.6
Job losers and persons who completed temporary jobs	3,382	100.0	38.5	31.4	30.1	13.3	16.8
On temporary layoff	814	100.0	68.5	25.3	6.2	5.3	.9
Not on temporary layoff	2,568	100.0	29.0	33.3	37.6	15.8	21.8
Permanent job losers	1,814	100.0	27.4	32.5	40.2	16.1	24.1
Persons who completed temporary jobs	754	100.0	33.0	35.5	31.5	15.1	16.4
Job leavers	763	100.0	36.7	33.4	29.9	14.4	15.5
Reentrants	2,150	100.0	30.8	30.6	38.6	13.0	25.6
New entrants	622	100.0	32.8	32.3	34.9	15.2	19.7
Men, 20 years and over	3,095	100.0	32.9	32.4	34.7	14.4	20.3
Job losers and persons who completed temporary jobs	1,988	100.0	35.7	34.8	29.5	13.8	15.7
On temporary layoff	483	100.0	68.2	26.4	5.3	5.3	—
Not on temporary layoff	1,506	100.0	25.2	37.5	37.3	16.5	20.8
Permanent job losers	1,057	100.0	22.3	37.6	40.1	16.6	23.5
Persons who completed temporary jobs	449	100.0	32.2	37.1	30.6	16.3	14.4
Job leavers	338	100.0	32.9	30.9	36.2	17.9	18.3
Reentrants	697	100.0	25.6	26.4	48.0	15.4	32.6
New entrants	72	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 20 years and over	2,739	100.0	35.1	29.1	35.8	13.1	22.6
Job losers and persons who completed temporary jobs	1,223	100.0	39.1	27.0	33.9	13.6	20.3
On temporary layoff	260	100.0	64.2	27.5	8.3	5.4	2.9
Not on temporary layoff	963	100.0	32.3	26.8	40.9	15.8	25.0
Permanent job losers	699	100.0	32.5	24.8	42.6	16.6	26.0
Persons who completed temporary jobs	264	100.0	31.6	32.2	36.2	13.9	22.3
Job leavers	383	100.0	40.1	33.2	26.7	12.0	14.7
Reentrants	1,007	100.0	29.1	30.4	40.5	12.7	27.9
New entrants	126	100.0	29.7	27.1	43.3	15.7	27.5
Both sexes, 16 to 19 years	1,082	100.0	43.3	34.9	21.9	11.6	10.2
Job losers and persons who completed temporary jobs	170	100.0	67.9	23.6	8.5	4.6	3.9
On temporary layoff	71	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Not on temporary layoff	99	100.0	55.1	33.5	11.5	4.7	6.8
Permanent job losers	58	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Persons who completed temporary jobs	41	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Job leavers	42	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Reentrants	446	100.0	42.8	37.8	19.4	10.0	9.4
New entrants	424	100.0	34.6	34.3	31.1	16.5	14.6

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

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

A-35. Unemployed total and full-time workers by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Total, 16 years and over	6,576	6,917	100.0	100.0	5,208	5,549	100.0	100.0
Less than 5 weeks	2,323	2,450	35.3	35.4	1,724	1,773	33.1	31.9
5 to 14 weeks	2,171	2,176	33.0	31.5	1,676	1,770	32.2	31.9
5 to 10 weeks	1,577	1,510	24.0	21.8	1,187	1,229	22.8	22.1
11 to 14 weeks	594	666	9.0	9.6	489	542	9.4	9.8
15 weeks and over	2,082	2,291	31.7	33.1	1,809	2,006	34.7	36.1
15 to 26 weeks	965	933	14.7	13.5	833	803	16.0	14.5
27 weeks and over	1,116	1,358	17.0	19.6	975	1,202	18.7	21.7
27 to 51 weeks	475	584	7.2	8.4	436	518	8.4	9.3
52 weeks and over	642	775	9.8	11.2	539	684	10.4	12.3
Average (mean) duration, in weeks	16.6	17.6	—	—	17.7	18.9	—	—
Median duration, in weeks	8.2	8.6	—	—	9.0	9.5	—	—

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-36. Unemployed persons by age, sex, race, Hispanic or Latino ethnicity, marital status, and duration of unemployment

Sex, age, race, Hispanic or Latino ethnicity, and marital status	November 2007							Weeks of unemployment	
	Thousands of persons unemployed						Average (mean) duration			Median duration
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
AGE AND SEX									
Total, 16 years and over	6,917	2,450	2,176	2,291	933	1,358	17.6	8.6	
16 to 19 years	1,082	468	378	237	126	111	11.8	6.5	
20 to 24 years	1,168	442	404	322	134	188	15.7	8.1	
25 to 34 years	1,502	585	454	463	185	278	16.2	7.7	
35 to 44 years	1,240	402	394	444	162	282	18.2	8.9	
45 to 54 years	1,140	323	348	469	194	275	21.8	11.2	
55 to 64 years	581	162	138	282	108	174	24.6	13.5	
65 years and over	204	67	63	74	23	51	21.5	9.6	
Men, 16 years and over	3,722	1,290	1,216	1,216	524	692	17.5	8.5	
16 to 19 years	627	271	214	141	77	65	11.8	6.0	
20 to 24 years	668	238	251	179	91	88	15.2	8.2	
25 to 34 years	838	317	261	260	111	149	16.4	7.8	
35 to 44 years	615	183	185	247	105	142	19.5	9.7	
45 to 54 years	552	159	195	198	70	128	21.1	10.0	
55 to 64 years	308	94	75	139	51	88	23.6	10.3	
65 years and over	115	28	35	52	19	33	25.8	12.6	
Women, 16 years and over	3,195	1,159	961	1,075	409	666	17.7	8.8	
16 to 19 years	456	197	163	95	49	46	11.9	7.1	
20 to 24 years	500	204	153	143	43	100	16.5	7.8	
25 to 34 years	664	267	193	203	74	129	16.0	7.6	
35 to 44 years	625	219	208	198	58	140	17.0	8.3	
45 to 54 years	588	165	153	270	124	146	22.5	12.8	
55 to 64 years	274	68	63	143	57	86	25.7	15.6	
65 years and over	89	39	27	22	4	18	15.9	7.2	
RACE AND HISPANIC OR LATINO ETHNICITY									
White, 16 years and over	4,951	1,901	1,560	1,489	631	858	16.4	7.9	
Men	2,729	1,025	876	827	372	455	16.4	7.8	
Women	2,222	876	684	662	259	402	16.2	7.9	
Black or African American, 16 years and over	1,454	379	474	602	208	394	21.7	11.6	
Men	734	170	273	291	99	192	21.6	11.7	
Women	721	209	201	311	109	202	21.7	11.4	
Asian, 16 years and over	262	80	81	102	46	55	17.8	10.5	
Men	111	37	31	43	17	26	18.7	6.5	
Women	151	43	50	58	29	29	17.2	11.2	
Hispanic or Latino ethnicity, 16 years and over	1,236	482	411	343	154	190	15.5	7.6	
Men	668	260	245	164	86	78	13.9	7.2	
Women	567	222	166	180	68	112	17.3	8.2	
MARITAL STATUS									
Men, 16 years and over:									
Married, spouse present	1,130	396	331	403	170	233	18.6	8.7	
Widowed, divorced, or separated	544	156	205	183	65	118	20.3	9.6	
Never married	2,048	738	680	630	288	341	16.1	8.2	
Women, 16 years and over:									
Married, spouse present	1,105	414	321	370	137	233	18.5	8.5	
Widowed, divorced, or separated	706	249	182	275	107	168	19.2	9.6	
Never married	1,384	497	457	430	164	266	16.3	8.6	

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey.

A-37. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	November 2007							Weeks of unemployment	
	Thousands of persons unemployed						Average (mean) duration	Median duration	
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
OCCUPATION									
Management, professional, and related occupations	963	342	286	335	142	193	18.5	8.9	
Management, business, and financial operations occupations	378	132	104	142	61	81	17.0	9.6	
Professional and related occupations	585	210	182	193	81	112	19.4	8.5	
Service occupations	1,651	566	565	520	210	311	16.5	8.6	
Sales and office occupations	1,579	586	437	556	214	341	18.6	8.4	
Sales and related occupations	757	286	206	265	96	169	18.4	8.6	
Office and administrative support occupations	822	299	231	291	118	173	18.8	8.3	
Natural resources, construction, and maintenance occupations	955	361	325	268	116	153	14.6	7.6	
Farming, fishing, and forestry occupations	83	38	24	22	16	6	11.1	5.3	
Construction and extraction occupations	719	272	257	190	78	112	14.5	7.5	
Installation, maintenance, and repair occupations	153	52	45	57	22	35	16.9	9.4	
Production, transportation, and material moving occupations ..	1,117	385	346	385	153	232	19.2	9.1	
Production occupations	571	207	174	189	67	122	19.2	9.4	
Transportation and material moving occupations	546	178	172	196	87	109	19.1	8.9	
INDUSTRY ¹									
Agriculture and related industries	86	35	25	26	19	7	13.9	6.0	
Mining	16	12	—	4	1	4	(²)	(²)	
Construction	658	252	236	169	76	93	13.5	7.1	
Manufacturing	767	260	236	271	94	177	20.4	9.5	
Durable goods	445	152	153	141	52	89	18.0	8.9	
Nondurable goods	322	109	83	130	41	89	23.8	10.9	
Wholesale and retail trade	902	353	236	313	111	202	18.5	8.3	
Transportation and utilities	267	85	79	102	25	77	22.0	9.3	
Information	133	28	45	60	27	33	25.2	12.8	
Financial activities	266	112	72	81	37	44	14.5	5.7	
Professional and business services	689	236	243	210	94	116	15.6	8.5	
Education and health services	707	252	213	242	107	134	16.9	9.0	
Leisure and hospitality	1,026	359	349	319	140	179	16.6	8.5	
Other services	258	98	69	91	39	52	17.4	8.4	
Public administration	155	51	56	48	18	30	16.2	7.6	
No previous work experience	622	204	201	217	94	123	18.2	9.4	

¹ Includes wage and salary workers only.

² Data not shown where base is less than 75,000.

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-38. Persons not in the labor force by desire and availability for work, age, and sex

(In thousands)

Category	Total		Age						Sex			
	Nov. 2006	Nov. 2007	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
Total not in the labor force	77,315	78,904	14,931	15,590	20,885	21,013	41,500	42,300	29,491	30,335	47,824	48,569
Do not want a job now ¹	72,839	74,568	13,413	14,136	18,907	19,001	40,520	41,430	27,474	28,476	45,366	46,091
Want a job ¹	4,476	4,337	1,518	1,454	1,978	2,012	980	870	2,017	1,859	2,458	2,478
Did not search for work in previous year	2,667	2,546	839	822	1,125	1,076	703	649	1,121	1,099	1,546	1,447
Searched for work in previous year ²	1,808	1,790	679	633	853	936	277	222	896	759	912	1,031
Not available to work now	443	427	216	152	187	222	40	54	180	128	263	299
Available to work now	1,366	1,363	463	481	666	714	237	168	716	631	649	732
Reason not currently looking:												
Discouragement over job prospects	349	349	63	101	204	202	82	45	202	193	147	156
Reasons other than discouragement ³	1,016	1,014	400	380	461	512	155	123	515	438	502	576
Family responsibilities	153	136	17	30	110	83	26	23	39	26	113	110
In school or training	244	184	215	160	28	24	-	-	142	119	101	65
Ill health or disability	114	155	15	12	77	100	22	42	55	56	59	98
Other ¹	506	540	154	178	246	305	107	57	279	237	227	303

¹ Includes some persons who are not asked if they want a job.

² Persons who had a job in the prior 12 months must have searched since the end of that job.

³ Includes believes no work available, could not find work, lacks necessary

schooling or training, employer thinks too young or old, and other types of discrimination.

NOTE: Beginning in January 2007, data reflect revised population controls used in the household survey.

A-39. Multiple jobholders by selected demographic and economic characteristics

(Numbers in thousands)

Characteristic	Both sexes				Men				Women			
	Number		Rate ¹		Number		Rate ¹		Number		Rate ¹	
	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007	Nov. 2006	Nov. 2007
AGE												
Total, 16 years and over ²	7,863	7,791	5.4	5.3	3,808	3,839	4.9	4.9	4,055	3,952	6.0	5.8
16 to 19 years	247	235	4.1	4.2	109	101	3.7	3.8	138	134	4.5	4.5
20 years and over	7,616	7,556	5.4	5.3	3,698	3,738	4.9	4.9	3,918	3,818	6.0	5.8
20 to 24 years	778	752	5.6	5.4	329	334	4.5	4.5	448	418	6.9	6.4
25 years and over	6,838	6,805	5.4	5.3	3,369	3,404	5.0	5.0	3,469	3,400	6.0	5.8
25 to 54 years	5,630	5,516	5.6	5.5	2,729	2,750	5.0	5.0	2,901	2,766	6.3	5.9
55 years and over	1,208	1,288	4.8	4.9	640	654	4.8	4.7	569	634	4.8	5.1
55 to 64 years	1,024	1,067	5.2	5.2	533	545	5.2	5.0	491	523	5.2	5.4
65 years and over	185	221	3.3	3.8	107	109	3.4	3.5	78	112	3.2	4.2
RACE AND HISPANIC OR LATINO ETHNICITY												
White	6,533	6,569	5.4	5.4	3,209	3,251	4.9	5.0	3,324	3,318	6.1	6.0
Black or African American	900	848	5.6	5.3	405	423	5.4	5.6	496	425	5.8	5.0
Asian	239	220	3.6	3.2	106	95	3.1	2.5	133	125	4.3	3.9
Hispanic or Latino ethnicity	667	738	3.3	3.6	321	423	2.6	3.4	346	315	4.4	3.9
MARITAL STATUS												
Married, spouse present	4,256	4,248	5.2	5.1	2,389	2,411	5.2	5.2	1,867	1,838	5.2	5.1
Widowed, divorced, or separated	1,426	1,439	6.0	6.1	458	487	4.6	5.0	968	952	7.0	6.9
Never married	2,181	2,104	5.4	5.1	960	941	4.3	4.2	1,221	1,162	6.7	6.3
FULL- OR PART-TIME STATUS												
Primary job full time, secondary job part time	4,165	4,356	-	-	2,311	2,399	-	-	1,854	1,957	-	-
Primary and secondary jobs both part time	1,780	1,731	-	-	484	498	-	-	1,296	1,233	-	-
Primary and secondary jobs both full time	297	245	-	-	198	157	-	-	99	88	-	-
Hours vary on primary or secondary job	1,584	1,415	-	-	798	764	-	-	786	650	-	-

¹ Multiple jobholders as a percent of all employed persons in specified group.

² Includes a small number of persons who work part time on their primary job and full time on their secondary jobs(s), not shown separately.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for

all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2007, data reflect revised population controls used in the household survey. Dash indicates no data or data that do not meet publication criteria.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by major industry sector, 1964 to date

Year and month	Total private			Goods-producing			Natural resources and mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages												
1964	38.5	\$2.53	\$97.41	40.3	\$2.53	\$101.96	43.4	\$2.76	\$119.78	37.7	\$3.08	\$116.12
1965	38.6	2.63	101.52	40.7	2.63	107.04	43.7	2.87	125.42	37.9	3.23	122.42
1966	38.5	2.73	105.11	40.9	2.74	112.07	44.1	3.00	132.30	38.1	3.41	129.92
1967	37.9	2.85	108.02	40.3	2.87	115.66	43.9	3.14	137.85	38.1	3.63	138.30
1968	37.7	3.02	113.85	40.3	3.07	123.72	44.0	3.30	145.20	37.8	3.92	148.18
1969	37.5	3.22	120.75	40.3	3.29	132.59	44.3	3.54	156.82	38.4	4.30	165.12
1970	37.0	3.40	125.80	39.6	3.52	139.39	43.9	3.77	165.50	37.8	4.74	179.17
1971	36.8	3.63	133.58	39.5	3.79	149.71	43.7	3.99	174.36	37.6	5.17	194.39
1972	36.9	3.90	143.91	39.9	4.06	161.99	44.0	4.28	188.32	37.0	5.55	205.35
1973	36.9	4.14	152.77	40.1	4.34	174.03	43.8	4.59	201.04	37.2	5.89	219.11
1974	36.4	4.43	161.25	39.6	4.69	185.72	43.7	5.09	222.43	37.1	6.29	233.36
1975	36.0	4.73	170.28	39.1	5.11	199.80	43.7	5.68	248.22	36.9	6.78	250.18
1976	36.1	5.06	182.67	39.7	5.49	217.95	44.2	6.19	273.60	37.3	7.17	267.44
1977	35.9	5.44	195.30	39.9	5.94	237.01	44.7	6.70	299.49	37.0	7.56	279.72
1978	35.8	5.88	210.50	40.0	6.48	259.20	44.9	7.44	334.06	37.3	8.11	302.50
1979	35.6	6.34	225.70	39.8	7.04	280.19	44.7	8.20	366.54	37.5	8.71	326.63
1980	35.2	6.85	241.12	39.5	7.66	302.57	44.9	8.97	402.75	37.5	9.37	351.38
1981	35.2	7.44	261.89	39.6	8.41	333.04	45.1	9.89	446.04	37.4	10.24	382.98
1982	34.7	7.87	273.09	38.8	9.00	349.20	44.1	10.64	469.22	37.2	11.04	410.69
1983	34.9	8.20	286.18	39.8	9.32	370.94	43.9	11.14	489.05	37.6	11.36	427.14
1984	35.1	8.49	298.00	40.3	9.67	389.70	44.6	11.54	514.68	38.2	11.56	441.59
1985	34.9	8.74	305.03	40.1	10.01	401.40	44.6	11.87	529.40	38.2	11.75	448.85
1986	34.7	8.93	309.87	40.1	10.20	409.02	43.6	12.14	529.30	37.9	11.92	451.77
1987	34.7	9.14	317.16	40.4	10.39	419.76	43.5	12.17	529.40	38.2	12.15	464.13
1988	34.6	9.44	326.62	40.4	10.69	431.88	43.3	12.45	539.09	38.2	12.52	478.26
1989	34.5	9.80	338.10	40.4	11.04	446.02	44.1	12.91	569.33	38.3	12.98	497.13
1990	34.3	10.20	349.75	40.1	11.46	459.55	45.0	13.40	602.54	38.3	13.42	513.43
1991	34.1	10.52	358.51	40.1	11.76	471.32	45.3	13.82	625.42	38.1	13.65	520.41
1992	34.2	10.77	368.25	40.2	11.99	482.58	44.6	14.09	629.02	38.0	13.81	525.13
1993	34.3	11.05	378.89	40.6	12.28	498.82	44.9	14.12	634.77	38.4	14.04	539.81
1994	34.5	11.34	391.22	41.1	12.63	519.58	45.3	14.41	653.14	38.8	14.38	558.53
1995	34.3	11.65	400.07	40.8	12.96	528.62	45.3	14.78	670.32	38.8	14.73	571.57
1996	34.3	12.04	413.28	40.8	13.38	546.48	46.0	15.10	695.07	38.9	15.11	588.48
1997	34.5	12.51	431.86	41.1	13.82	568.43	46.2	15.57	720.11	38.9	15.67	609.48
1998	34.5	13.01	448.56	40.8	14.23	580.99	44.9	16.20	727.28	38.8	16.23	629.75
1999	34.3	13.49	463.15	40.8	14.71	599.99	44.2	16.33	721.74	39.0	16.80	655.11
2000	34.3	14.02	481.01	40.7	15.27	621.86	44.4	16.55	734.92	39.2	17.48	685.78
2001	34.0	14.54	493.79	39.9	15.78	630.04	44.6	17.00	757.92	38.7	18.00	695.89
2002	33.9	14.97	506.72	39.9	16.33	651.61	43.2	17.19	741.97	38.4	18.52	711.82
2003	33.7	15.37	518.06	39.8	16.80	669.13	43.6	17.56	765.94	38.4	18.95	726.83
2004	33.7	15.69	529.09	40.0	17.19	688.17	44.5	18.07	803.82	38.3	19.23	735.55
2005	33.8	16.13	544.33	40.1	17.60	705.31	45.6	18.72	853.71	38.6	19.46	750.22
2006	33.9	16.76	567.87	40.5	18.02	729.87	45.6	19.90	908.01	39.0	20.02	781.04
Monthly data, not seasonally adjusted												
2006:												
November	33.8	\$16.99	\$574.26	40.5	\$18.26	\$739.53	46.1	\$20.45	\$942.75	38.8	\$20.42	\$792.30
December	33.9	17.07	578.67	41.0	18.37	753.17	45.6	20.61	939.82	39.3	20.52	806.44
2007:												
January	33.4	17.16	573.14	39.9	18.27	728.97	44.6	20.72	924.11	37.9	20.42	773.92
February	33.4	17.21	574.81	39.6	18.26	723.10	45.3	20.81	942.69	37.4	20.45	764.83
March	33.7	17.22	580.31	40.4	18.35	741.34	45.4	20.85	946.59	38.7	20.53	794.51
April	33.9	17.34	587.83	40.2	18.48	742.90	45.6	20.94	954.86	38.4	20.62	791.81
May	33.7	17.28	582.34	40.6	18.59	754.75	45.7	20.86	953.30	39.3	20.84	819.01
June	34.0	17.30	588.20	41.0	18.67	765.47	46.2	20.80	960.96	39.7	20.89	829.33
July	34.2	17.42	595.76	40.5	18.69	756.95	45.8	20.88	956.30	39.4	21.00	827.40
August	34.0	17.40	591.60	40.9	18.78	768.10	45.9	20.98	962.98	39.5	21.11	833.85
September	34.2	17.62	602.60	41.1	18.87	775.56	46.7	20.95	978.37	39.4	21.30	839.22
October ^p	33.8	17.58	594.20	40.9	18.83	770.15	46.7	21.00	980.70	39.5	21.25	839.38
November ^p	33.8	17.63	595.89	40.7	18.87	768.01	46.4	21.15	981.36	38.7	21.34	825.86

See footnotes at end of table.

ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS

ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS

B-2. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by major industry sector, 1964 to date — Continued

Year and month	Manufacturing				Durable goods				Nondurable goods			
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings
Annual averages												
1964	40.8	\$2.41	\$2.32	\$98.33	41.6	\$2.65	\$2.55	\$110.24	39.6	\$2.06	\$1.99	\$81.58
1965	41.2	2.49	2.39	102.59	42.1	2.73	2.61	114.93	39.9	2.13	2.05	84.99
1966	41.4	2.60	2.48	107.64	42.3	2.84	2.70	120.13	40.1	2.22	2.13	89.02
1967	40.6	2.71	2.60	110.03	41.3	2.94	2.82	121.42	39.6	2.34	2.25	92.66
1968	40.7	2.89	2.77	117.62	41.5	3.13	3.00	129.90	39.7	2.51	2.41	99.65
1969	40.6	3.07	2.94	124.64	41.4	3.32	3.18	137.45	39.5	2.68	2.57	105.86
1970	39.8	3.23	3.12	128.55	40.4	3.49	3.37	141.00	39.0	2.85	2.75	111.15
1971	39.9	3.45	3.33	137.66	40.4	3.74	3.61	151.10	39.1	3.04	2.93	118.86
1972	40.6	3.70	3.55	150.22	41.3	4.01	3.84	165.61	39.5	3.25	3.12	128.38
1973	40.7	3.97	3.79	161.58	41.6	4.29	4.09	178.46	39.4	3.47	3.33	136.72
1974	40.0	4.31	4.14	172.40	40.8	4.64	4.46	189.31	38.9	3.78	3.64	147.04
1975	39.5	4.71	4.56	186.05	40.0	5.09	4.93	203.60	38.6	4.14	4.00	159.80
1976	40.1	5.09	4.91	204.11	40.8	5.51	5.31	224.81	39.2	4.47	4.31	175.22
1977	40.3	5.55	5.33	223.67	41.1	5.99	5.74	246.19	39.2	4.88	4.69	191.30
1978	40.4	6.05	5.79	244.42	41.2	6.51	6.22	268.21	39.2	5.30	5.10	207.76
1979	40.2	6.57	6.31	264.11	40.9	7.05	6.77	288.35	39.1	5.78	5.57	226.00
1980	39.7	7.15	6.90	283.86	40.2	7.68	7.42	308.74	38.8	6.32	6.10	245.22
1981	39.8	7.86	7.60	312.83	40.3	8.45	8.17	340.54	38.9	6.95	6.72	270.36
1982	38.9	8.36	8.12	325.20	39.4	8.96	8.72	353.02	38.2	7.50	7.26	286.50
1983	40.1	8.70	8.39	348.87	40.8	9.30	8.98	379.44	39.2	7.84	7.56	307.33
1984	40.7	9.05	8.69	368.34	41.5	9.65	9.25	400.48	39.4	8.14	7.83	320.72
1985	40.5	9.40	9.03	380.70	41.3	10.01	9.61	413.41	39.4	8.47	8.15	333.72
1986	40.7	9.59	9.21	390.31	41.4	10.20	9.79	422.28	39.6	8.71	8.36	344.92
1987	40.9	9.77	9.35	399.59	41.6	10.35	9.90	430.56	40.0	8.93	8.55	357.20
1988	41.0	10.05	9.60	412.05	41.9	10.64	10.15	445.82	39.9	9.19	8.80	366.68
1989	40.9	10.35	9.89	423.32	41.7	10.93	10.45	455.78	39.9	9.50	9.09	379.05
1990	40.5	10.78	10.29	436.16	41.1	11.40	10.89	468.43	39.6	9.87	9.42	390.65
1991	40.4	11.13	10.63	449.73	40.9	11.81	11.30	483.28	39.7	10.18	9.70	404.17
1992	40.7	11.40	10.86	464.43	41.3	12.09	11.54	499.59	40.0	10.45	9.94	417.95
1993	41.1	11.70	11.10	480.80	41.9	12.41	11.78	519.92	40.1	10.70	10.16	429.15
1994	41.7	12.04	11.36	502.12	42.6	12.78	12.04	544.66	40.5	10.96	10.38	443.82
1995	41.3	12.34	11.68	509.26	42.1	13.05	12.32	549.49	40.1	11.30	10.73	452.83
1996	41.3	12.75	12.05	526.55	42.1	13.45	12.69	566.53	40.1	11.68	11.07	467.88
1997	41.7	13.14	12.38	548.22	42.6	13.83	13.00	589.10	40.5	12.04	11.39	487.04
1998	41.4	13.45	12.71	557.12	42.1	14.07	13.28	591.68	40.5	12.45	11.79	503.99
1999	41.4	13.85	13.09	573.17	41.9	14.46	13.65	606.67	40.4	12.85	12.17	519.91
2000	41.3	14.32	13.55	590.65	41.8	14.93	14.11	624.38	40.3	13.31	12.62	536.82
2001	40.3	14.76	14.06	595.19	40.6	15.38	14.67	624.54	39.9	13.75	13.09	548.41
2002	40.5	15.29	14.54	618.75	40.8	16.02	15.23	652.97	40.1	14.15	13.44	566.84
2003	40.4	15.74	14.96	635.99	40.8	16.45	15.63	671.21	39.8	14.63	13.91	582.61
2004	40.8	16.15	15.29	658.59	41.3	16.82	15.92	694.13	40.0	15.05	14.27	602.53
2005	40.7	16.56	15.68	673.37	41.1	17.33	16.41	712.95	39.9	15.27	14.47	608.95
2006	41.1	16.80	15.95	690.83	41.4	17.67	16.78	731.81	40.6	15.32	14.54	621.78
Monthly data, not seasonally adjusted												
2006:												
November	41.2	\$16.93	\$16.09	\$697.52	41.3	\$17.87	\$16.99	\$738.03	40.9	\$15.34	\$14.56	\$627.41
December	41.7	17.09	16.20	712.65	42.0	18.04	17.10	757.68	41.1	15.47	14.67	635.82
2007:												
January	40.8	17.04	16.26	695.23	40.9	17.94	17.12	733.75	40.6	15.51	14.80	629.71
February	40.5	17.03	16.25	689.72	40.7	17.95	17.13	730.57	40.1	15.46	14.74	619.95
March	41.1	17.06	16.25	701.17	41.3	18.01	17.14	743.81	40.7	15.45	14.71	628.82
April	41.0	17.19	16.39	704.79	41.2	18.10	17.26	745.72	40.8	15.65	14.92	638.52
May	41.1	17.19	16.37	706.51	41.4	18.12	17.27	750.17	40.7	15.60	14.87	634.92
June	41.5	17.25	16.38	715.88	41.9	18.21	17.28	763.00	40.9	15.62	14.86	638.86
July	40.9	17.20	16.38	703.48	41.1	18.08	17.24	743.09	40.6	15.72	14.96	638.23
August	41.5	17.29	16.44	717.54	41.8	18.25	17.36	762.85	40.9	15.68	14.90	641.31
September	41.7	17.37	16.50	724.33	41.9	18.33	17.42	768.03	41.4	15.75	14.94	652.05
October ^p	41.4	17.31	16.47	716.63	41.7	18.28	17.40	762.28	41.0	15.67	14.91	642.47
November ^p	41.5	17.38	16.52	721.27	41.7	18.33	17.43	764.36	41.2	15.77	14.99	649.72

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted—Continued

(In thousands)

Industry	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
Trade, transportation, and utilities	26,320	26,345	26,378	26,393	26,436	26,427	26,459	26,465	26,489	26,494	26,518	26,521	26,555
Wholesale trade	5,934.7	5,955.0	5,949.0	5,960.0	5,961.3	5,978.7	5,990.5	6,007.4	6,016.3	6,022.5	6,033.8	6,048.2	6,053.5
Durable goods	3,097.7	3,104.3	3,102.5	3,112.0	3,114.0	3,124.7	3,134.5	3,141.5	3,146.5	3,147.0	3,151.5	3,158.6	3,166.8
Nondurable goods	2,048.5	2,055.0	2,050.5	2,049.7	2,050.1	2,052.2	2,053.4	2,061.4	2,063.1	2,068.0	2,073.8	2,079.8	2,077.6
Electronic markets and agents and brokers	788.5	795.7	796.0	798.3	797.2	801.8	802.6	804.5	806.7	807.5	808.5	809.8	809.1
Retail trade	15,327.9	15,323.7	15,357.5	15,364.6	15,403.7	15,376.9	15,394.5	15,383.3	15,389.8	15,385.6	15,383.0	15,368.0	15,392.2
Motor vehicle and parts dealers	1,904.2	1,908.5	1,906.8	1,910.3	1,907.2	1,911.2	1,911.5	1,909.0	1,907.6	1,908.2	1,910.3	1,907.8	1,908.4
Automobile dealers	1,244.0	1,244.8	1,244.1	1,244.9	1,243.5	1,246.9	1,247.7	1,246.7	1,245.9	1,246.4	1,247.5	1,248.0	1,247.5
Furniture and home furnishings stores	586.5	591.4	588.1	587.6	585.6	586.7	585.2	584.3	584.5	586.5	583.9	585.7	591.8
Electronics and appliance stores	531.6	531.4	535.3	538.2	538.4	540.7	539.3	535.9	537.4	532.7	534.0	531.9	539.1
Building material and garden supply stores	1,321.0	1,314.1	1,318.0	1,323.4	1,313.8	1,313.8	1,314.9	1,314.9	1,303.9	1,305.9	1,288.4	1,282.4	1,278.9
Food and beverage stores	2,842.4	2,843.7	2,844.0	2,849.9	2,856.3	2,858.6	2,861.1	2,867.7	2,869.3	2,873.5	2,878.8	2,881.5	2,886.0
Health and personal care stores	962.6	959.7	964.1	964.8	966.5	969.8	968.5	968.8	967.4	970.8	973.5	973.3	980.8
Gasoline stations	854.6	854.8	853.7	852.9	854.5	852.4	852.5	852.4	852.0	851.1	854.3	852.2	852.0
Clothing and clothing accessories stores	1,467.3	1,460.1	1,446.9	1,445.1	1,449.7	1,452.7	1,451.6	1,451.3	1,456.7	1,460.3	1,462.1	1,462.7	1,474.1
Sporting goods, hobby, book, and music stores	647.4	648.9	655.8	654.9	653.9	655.6	659.5	657.4	665.7	666.7	669.6	669.0	671.4
General merchandise stores	2,882.9	2,885.4	2,923.9	2,917.3	2,956.4	2,915.4	2,928.5	2,920.3	2,918.9	2,906.4	2,902.6	2,900.0	2,888.8
Department stores	1,533.2	1,537.7	1,568.7	1,565.3	1,570.6	1,560.9	1,566.2	1,561.1	1,560.3	1,549.9	1,547.2	1,544.4	1,535.1
Miscellaneous store retailers	881.9	881.4	880.3	880.2	880.3	879.0	879.3	880.2	883.1	880.3	883.1	879.6	875.7
Nonstore retailers	445.5	444.3	440.6	440.0	441.1	441.0	442.6	441.1	443.3	443.2	442.4	441.9	445.2
Transportation and warehousing	4,509.6	4,517.0	4,522.6	4,519.6	4,520.8	4,519.6	4,520.1	4,520.1	4,528.4	4,529.8	4,545.8	4,548.0	4,553.1
Air transportation	484.5	488.3	490.8	485.5	485.5	490.0	484.4	491.4	492.2	492.5	494.6	495.6	499.5
Rail transportation	223.9	226.4	227.9	228.9	229.1	228.3	227.9	226.6	227.5	227.4	227.7	227.9	226.7
Water transportation	66.8	67.8	67.1	68.1	68.0	67.3	68.3	69.9	70.7	70.6	70.5	70.3	70.3
Truck transportation	1,448.9	1,453.6	1,457.9	1,454.7	1,457.2	1,452.5	1,455.5	1,449.8	1,444.3	1,443.5	1,445.6	1,440.5	1,439.0
Transit and ground passenger transportation	393.2	390.2	391.6	393.3	390.3	389.9	390.9	389.4	397.1	400.1	401.2	401.3	397.3
Pipeline transportation	39.8	39.7	40.3	40.6	41.0	40.5	40.8	40.8	40.8	41.0	41.1	41.3	41.7
Scenic and sightseeing transportation	28.3	27.8	27.8	28.0	27.3	27.0	26.7	26.4	27.0	27.4	27.7	28.3	28.5
Support activities for transportation	577.9	575.9	575.9	579.4	579.6	581.6	581.8	583.0	583.4	584.3	587.5	590.4	593.6
Couriers and messengers	597.2	596.4	593.0	590.6	591.0	589.8	588.5	588.7	589.3	588.1	590.3	589.9	593.1
Warehousing and storage	649.1	650.9	650.3	650.5	651.8	652.7	655.3	654.1	656.1	654.9	659.6	662.5	663.4
Utilities	548.2	549.2	549.0	549.0	550.1	551.5	553.4	554.4	554.6	556.0	555.6	556.8	556.6
Information	3,057	3,073	3,071	3,084	3,086	3,096	3,097	3,093	3,091	3,087	3,093	3,091	3,085
Publishing industries, except Internet	905.0	906.1	907.0	907.8	907.4	906.1	907.7	906.2	906.3	904.0	900.6	901.4	899.8
Motion picture and sound recording industries	371.9	378.3	378.2	385.2	387.1	394.2	391.9	389.3	383.6	380.3	385.9	383.2	375.8
Broadcasting, except Internet	333.8	335.6	335.3	337.4	337.1	337.8	336.6	337.1	336.0	336.3	337.4	335.8	338.0
Internet publishing and broadcasting	36.3	37.0	36.9	37.9	39.0	39.9	40.6	41.3	42.4	43.1	44.0	44.8	45.3
Telecommunications	973.5	978.0	975.6	976.2	973.0	974.6	973.9	972.7	973.7	973.1	974.1	973.4	975.4
ISPs, search portals, and data processing	384.9	386.1	386.1	387.3	390.0	390.8	394.2	394.4	396.9	397.5	398.2	398.7	398.1
Other information services	51.6	52.1	51.9	51.9	52.3	52.1	52.1	52.2	51.8	52.2	52.3	53.3	52.6
Financial activities	8,422	8,438	8,440	8,446	8,445	8,448	8,464	8,460	8,476	8,463	8,439	8,437	8,417
Finance and insurance	6,228.9	6,239.8	6,238.9	6,244.4	6,242.6	6,241.4	6,256.1	6,256.0	6,270.1	6,256.4	6,241.6	6,238.2	6,229.1
Monetary authorities - central bank	21.7	21.8	21.7	22.0	22.1	22.2	22.4	22.2	21.6	21.8	21.6	21.6	21.5
Credit intermediation and related activities	2,957.4	2,959.7	2,961.5	2,962.8	2,957.6	2,945.3	2,948.7	2,939.5	2,946.5	2,926.8	2,909.2	2,901.3	2,888.3
Depository credit intermediation	1,819.6	1,824.6	1,824.3	1,823.1	1,824.3	1,818.6	1,824.7	1,824.9	1,833.8	1,834.6	1,839.1	1,838.4	1,835.3

See footnotes at end of table.

B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted—Continued

(In thousands)

Industry	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
Other services-Continued													
Personal and laundry services	1,286.4	1,287.4	1,285.8	1,290.3	1,290.8	1,292.6	1,296.5	1,291.2	1,294.4	1,292.4	1,290.5	1,287.9	1,290.5
Membership associations and organizations	2,905.4	2,909.7	2,912.3	2,915.2	2,915.7	2,919.5	2,921.9	2,927.6	2,929.0	2,925.2	2,923.0	2,929.4	2,931.3
Government	22,106	22,114	22,140	22,174	22,197	22,229	22,236	22,234	22,210	22,273	22,280	22,318	22,348
Federal	2,719.0	2,713.0	2,718.0	2,718.0	2,716.0	2,716.0	2,713.0	2,708.0	2,713.0	2,714.0	2,710.0	2,711.0	2,712.0
Federal, except U.S. Postal Service	1,949.5	1,948.6	1,951.1	1,951.8	1,949.7	1,950.0	1,947.5	1,943.5	1,950.5	1,952.1	1,949.2	1,950.1	1,950.3
U.S. Postal Service	769.0	764.5	767.1	766.5	766.5	766.4	765.5	764.0	762.3	761.9	760.9	760.4	761.2
State government	5,107.0	5,111.0	5,117.0	5,133.0	5,134.0	5,140.0	5,133.0	5,139.0	5,143.0	5,137.0	5,159.0	5,155.0	5,165.0
State government education	2,313.1	2,311.8	2,311.4	2,324.0	2,324.5	2,326.4	2,321.7	2,326.5	2,323.3	2,320.3	2,336.9	2,332.4	2,335.4
State government, excluding education	2,793.5	2,798.9	2,805.7	2,809.4	2,809.2	2,813.7	2,811.3	2,812.7	2,819.4	2,817.1	2,822.1	2,822.9	2,829.4
Local government	14,280.0	14,290.0	14,305.0	14,323.0	14,347.0	14,373.0	14,390.0	14,387.0	14,354.0	14,422.0	14,411.0	14,452.0	14,471.0
Local government education	8,003.7	8,015.6	8,018.7	8,025.1	8,044.1	8,056.0	8,062.7	8,043.1	8,011.8	8,066.1	8,048.4	8,078.5	8,088.3
Local government, excluding education	6,276.3	6,274.1	6,286.4	6,298.0	6,302.9	6,317.0	6,327.7	6,344.0	6,342.6	6,355.7	6,363.0	6,373.0	6,382.3

¹ Includes other industries, not shown separately.

² Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

³ Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

^P= preliminary.

NOTE: Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all seasonally adjusted data from January 2003 forward are subject to revision.

B-4. Women employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

(In thousands)

Industry	2006			2007									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P
Total nonfarm	65,945	66,087	66,282	66,405	66,521	66,655	66,729	66,903	66,979	67,081	67,243	67,230	67,313
Total private	53,636	53,753	53,905	53,973	54,041	54,128	54,169	54,310	54,362	54,466	54,524	54,550	54,611
Goods-producing	5,098	5,090	5,100	5,102	5,100	5,098	5,087	5,094	5,085	5,115	5,102	5,098	5,091
Natural resources and mining ¹	84	84	85	87	88	89	89	92	94	95	97	98	99
Mining	77.9	77.2	78.8	80.2	81.2	81.6	82.7	85.2	87.0	88.0	89.3	90.8	91.8
Construction	952	947	951	952	954	955	956	956	952	956	949	950	952
Manufacturing	4,062	4,059	4,064	4,063	4,058	4,054	4,042	4,046	4,039	4,064	4,056	4,050	4,040
Durable goods	2,234	2,231	2,235	2,230	2,229	2,222	2,214	2,213	2,209	2,233	2,229	2,226	2,222
Nondurable goods	1,828	1,828	1,829	1,833	1,829	1,832	1,828	1,833	1,830	1,831	1,827	1,824	1,818
Service-providing	60,847	60,997	61,182	61,303	61,421	61,557	61,642	61,809	61,894	61,966	62,141	62,132	62,222
Private service-providing	48,538	48,663	48,805	48,871	48,941	49,030	49,082	49,216	49,277	49,351	49,422	49,452	49,520
Trade, transportation, and utilities	10,609	10,633	10,652	10,677	10,681	10,707	10,705	10,735	10,748	10,764	10,770	10,790	10,805
Wholesale trade	1,808.6	1,812.3	1,813.2	1,808.8	1,814.5	1,814.2	1,821.7	1,823.9	1,827.1	1,827.9	1,828.7	1,836.1	1,847.1
Retail trade	7,558.3	7,578.1	7,593.6	7,628.0	7,627.3	7,652.6	7,644.5	7,665.6	7,673.9	7,680.4	7,684.4	7,690.1	7,686.7
Transportation and warehousing	1,095.0	1,095.2	1,097.2	1,093.9	1,092.0	1,091.9	1,090.9	1,095.8	1,096.8	1,105.6	1,105.4	1,111.4	1,117.2
Utilities	146.9	147.3	147.7	146.6	146.7	147.9	148.3	149.6	150.1	150.3	151.5	151.9	154.1
Information	1,301	1,302	1,303	1,299	1,304	1,306	1,308	1,309	1,306	1,305	1,302	1,305	1,304
Financial activities	5,096	5,083	5,085	5,084	5,076	5,077	5,062	5,083	5,058	5,061	5,042	5,023	5,018
Finance and insurance	4,000.0	3,991.3	3,993.4	3,992.0	3,991.8	3,990.1	3,984.0	4,000.9	3,979.1	3,983.9	3,966.0	3,953.7	3,950.3
Real estate and rental and leasing	1,096.0	1,091.2	1,091.6	1,091.7	1,084.4	1,086.4	1,078.4	1,081.8	1,078.5	1,076.7	1,076.2	1,069.6	1,068.0
Professional and business services	7,842	7,894	7,940	7,937	7,948	7,951	7,955	7,979	7,993	8,000	8,028	8,032	8,042
Professional and technical services	3,534.9	3,557.8	3,573.6	3,571.4	3,586.5	3,583.0	3,600.1	3,622.2	3,629.4	3,636.4	3,647.7	3,665.6	3,671.7
Management of companies and enterprises	926.8	928.4	935.2	937.0	942.0	945.9	951.2	952.6	955.1	961.2	962.4	965.2	966.1
Administrative and waste services	3,380.5	3,407.4	3,431.4	3,428.4	3,419.8	3,422.4	3,403.2	3,404.5	3,408.1	3,402.2	3,417.8	3,401.6	3,404.3
Education and health services	13,877	13,916	13,960	13,999	14,034	14,076	14,122	14,158	14,213	14,244	14,282	14,297	14,326
Educational services	1,782.5	1,789.6	1,792.5	1,802.3	1,802.7	1,816.2	1,816.9	1,823.4	1,835.8	1,835.2	1,841.1	1,833.1	1,834.9
Health care and social assistance	12,094.1	12,126.5	12,167.0	12,197.1	12,231.5	12,259.4	12,305.3	12,334.3	12,376.7	12,409.1	12,441.2	12,463.7	12,491.1
Leisure and hospitality	6,993	7,017	7,041	7,050	7,069	7,080	7,090	7,110	7,118	7,129	7,150	7,159	7,179
Arts, entertainment, and recreation	927.5	928.9	931.6	934.4	937.1	938.7	932.3	935.9	929.7	931.7	934.3	942.9	948.3
Accommodations and food services	6,065.0	6,088.4	6,109.5	6,115.2	6,131.7	6,141.4	6,157.6	6,173.9	6,188.7	6,197.3	6,215.2	6,216.2	6,230.8
Other services	2,820	2,818	2,824	2,825	2,829	2,833	2,840	2,842	2,841	2,848	2,848	2,846	2,846
Government	12,309	12,334	12,377	12,432	12,480	12,527	12,560	12,593	12,617	12,615	12,719	12,680	12,702
Federal	1,197	1,194	1,195	1,196	1,196	1,198	1,200	1,197	1,194	1,198	1,193	1,188	1,191
State government	2,660	2,650	2,651	2,656	2,659	2,662	2,664	2,665	2,670	2,666	2,667	2,675	2,668
Local government	8,452	8,490	8,531	8,580	8,625	8,667	8,696	8,731	8,753	8,751	8,859	8,817	8,843

¹ Includes other industries, not shown separately.

^P = preliminary.

NOTE: Data are currently projected from March 2006 benchmark levels.

When more recent benchmark data are introduced with the release of January 2008 estimates, all seasonally adjusted data from January 2003 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-5. Production and nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

(In thousands)

Industry	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
Total private	94,121	94,345	94,517	94,506	94,713	94,808	95,030	95,130	95,286	95,338	95,448	95,558	95,615
Goods-producing	16,520	16,527	16,569	16,471	16,537	16,512	16,539	16,553	16,560	16,495	16,479	16,456	16,436
Natural resources and mining	527	533	532	538	541	541	544	545	550	547	548	547	548
Construction	5,876	5,868	5,916	5,819	5,900	5,878	5,890	5,917	5,912	5,886	5,867	5,865	5,845
Manufacturing	10,117	10,126	10,121	10,114	10,096	10,093	10,105	10,091	10,098	10,062	10,064	10,044	10,043
Durable goods	6,346	6,349	6,325	6,326	6,313	6,316	6,323	6,309	6,313	6,290	6,294	6,283	6,289
Wood products	431.1	427.4	424.7	419.7	417.6	416.8	418.7	416.6	418.2	412.9	406.4	403.8	398.2
Nonmetallic mineral products	384.7	385.3	385.4	381.9	381.2	379.9	382.6	383.6	383.2	381.2	381.5	382.4	379.8
Primary metals	356.0	356.5	355.6	356.6	354.4	355.0	355.3	352.6	353.5	351.3	351.6	352.3	353.0
Fabricated metal products	1,171.2	1,172.6	1,170.8	1,173.0	1,170.6	1,172.2	1,173.3	1,175.1	1,176.0	1,174.4	1,175.7	1,179.7	1,176.7
Machinery	791.8	790.4	790.0	792.0	792.7	791.4	796.2	797.7	802.1	796.7	799.2	803.6	808.3
Computer and electronic products	767.9	767.0	766.2	766.4	763.7	760.9	760.6	757.0	756.5	751.3	751.1	747.8	749.2
Electrical equipment and appliances	305.9	308.8	308.5	309.9	311.6	312.6	312.9	311.7	312.9	311.0	312.5	313.4	314.5
Transportation equipment	1,284.2	1,287.3	1,273.7	1,275.3	1,269.7	1,277.6	1,272.3	1,269.9	1,267.1	1,273.4	1,278.9	1,263.2	1,268.5
Motor vehicles and parts ²	842.7	844.3	824.1	825.2	822.3	821.7	813.8	809.0	803.6	807.0	808.8	793.8	795.2
Furniture and related products	419.9	418.9	415.7	415.2	414.1	413.2	413.5	410.0	410.6	407.1	406.1	404.5	406.1
Miscellaneous manufacturing	433.0	434.9	434.8	436.0	436.9	436.5	437.4	434.8	432.7	430.9	431.4	432.5	434.9
Nondurable goods	3,771	3,777	3,796	3,788	3,783	3,777	3,782	3,782	3,785	3,772	3,770	3,761	3,754
Food manufacturing	1,183.1	1,182.3	1,190.0	1,189.4	1,192.4	1,191.1	1,197.7	1,199.7	1,201.4	1,195.3	1,192.3	1,191.4	1,188.8
Beverages and tobacco products	114.1	115.8	117.0	118.4	118.7	120.4	120.7	121.1	121.4	118.7	117.1	116.0	114.4
Textile mills	151.8	150.8	148.3	145.5	144.3	141.8	141.1	139.2	136.7	135.6	134.8	135.0	133.9
Textile product mills	126.3	125.4	125.4	124.1	122.8	122.3	120.7	120.3	119.1	118.3	117.4	117.1	116.6
Apparel	184.8	184.7	182.8	181.2	180.3	178.6	177.9	176.3	176.2	174.2	172.9	171.0	170.4
Leather and allied products	28.4	28.7	29.0	28.7	29.1	28.5	28.7	28.8	28.5	28.7	29.7	29.4	29.1
Paper and paper products	351.9	352.4	353.8	351.6	348.7	349.6	349.4	350.5	351.7	350.0	349.8	349.6	347.5
Printing and related support activities	451.7	454.6	453.1	452.1	451.6	446.6	446.2	445.8	446.9	445.5	450.2	447.6	447.2
Petroleum and coal products	71.2	71.5	71.9	71.5	71.6	72.1	74.0	74.2	73.7	75.1	76.4	77.4	77.8
Chemicals	503.9	505.0	504.7	505.3	504.2	506.2	506.9	509.0	512.5	514.0	514.8	513.0	514.9
Plastics and rubber products	603.7	605.3	620.3	620.0	619.3	620.2	619.1	617.1	617.1	616.4	614.2	613.5	613.5
Private service-providing	77,601	77,818	77,948	78,035	78,176	78,296	78,491	78,577	78,726	78,843	78,969	79,102	79,179
Trade, transportation, and utilities	22,209	22,245	22,280	22,281	22,334	22,327	22,380	22,393	22,426	22,439	22,470	22,487	22,505
Wholesale trade	4,756.6	4,770.3	4,773.6	4,783.7	4,785.7	4,800.3	4,819.1	4,838.4	4,859.9	4,871.6	4,883.6	4,901.4	4,906.7
Retail trade	13,083.3	13,101.4	13,144.5	13,141.3	13,194.0	13,171.8	13,203.0	13,191.5	13,199.0	13,192.4	13,199.2	13,192.3	13,195.1
Transportation and warehousing	3,927.0	3,930.5	3,920.1	3,915.5	3,913.0	3,913.3	3,915.0	3,919.0	3,922.9	3,930.5	3,942.5	3,947.9	3,957.8
Utilities	442.3	442.3	441.8	440.4	441.5	441.3	442.8	443.8	444.1	444.5	444.9	445.7	445.0
Information	2,420	2,425	2,425	2,434	2,440	2,447	2,454	2,449	2,449	2,447	2,453	2,456	2,455
Financial activities	6,378	6,398	6,400	6,410	6,422	6,425	6,440	6,445	6,466	6,457	6,450	6,447	6,428
Professional and business services	14,592	14,659	14,682	14,695	14,701	14,715	14,744	14,728	14,757	14,785	14,821	14,864	14,889
Education and health services	15,719	15,749	15,790	15,815	15,863	15,919	15,966	16,042	16,091	16,149	16,162	16,193	16,219
Leisure and hospitality	11,771	11,821	11,847	11,868	11,879	11,913	11,949	11,955	11,971	12,001	12,049	12,087	12,109
Other services	4,512	4,521	4,524	4,532	4,537	4,550	4,558	4,565	4,566	4,565	4,564	4,568	4,574

¹Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

²Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

^P= preliminary

NOTE: Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all seasonally adjusted data from January 2003 forward are subject to revision.

B-6. Diffusion indexes of employment change

(Percent)

Time Span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 278 industries ¹												
Over 1-month span:												
2003	43.5	37.2	33.6	38.8	40.8	38.5	39.2	41.7	48.0	50.2	52.2	52.9
2004	51.6	50.2	62.1	64.9	59.9	57.6	56.5	51.4	56.5	55.0	51.4	55.6
2005	52.5	61.3	52.7	60.8	54.9	58.5	59.0	60.4	53.6	53.1	62.2	60.4
2006	64.2	64.6	64.0	62.8	56.7	55.9	59.4	55.9	55.8	57.7	53.6	57.6
2007	54.9	54.7	55.0	52.9	57.9	53.6	53.2	52.0	56.7	^P 53.8	^P 49.8	
Over 3-month span:												
2003	39.6	33.8	34.9	33.8	35.3	42.3	39.2	34.4	42.6	48.6	48.7	50.2
2004	55.9	53.2	57.0	64.2	70.3	65.6	59.9	55.2	57.9	59.0	60.4	55.8
2005	51.3	55.9	56.8	61.3	57.2	59.4	62.8	63.7	59.9	53.4	57.2	62.2
2006	70.5	66.7	66.0	66.9	63.3	62.4	60.3	62.6	57.7	59.0	57.7	59.9
2007	64.6	60.6	61.2	59.4	60.1	56.5	56.1	54.7	56.5	^P 57.0	^P 55.4	
Over 6-month span:												
2003	34.7	33.1	31.1	33.3	33.5	36.5	32.7	32.4	40.8	44.8	47.7	47.5
2004	49.8	51.8	55.0	60.8	63.5	63.7	63.3	62.6	58.3	62.1	55.4	55.2
2005	54.1	57.2	57.6	56.3	56.5	58.1	65.8	63.8	61.9	59.2	62.8	60.8
2006	63.8	63.3	67.1	68.2	67.1	67.1	63.5	62.9	62.6	62.1	61.5	61.0
2007	62.2	60.3	65.3	62.8	61.7	61.3	59.7	56.8	58.6	^P 59.2	^P 56.1	
Over 12-month span:												
2003	34.5	31.5	32.9	33.5	34.2	35.1	32.7	33.1	37.1	36.7	37.2	39.2
2004	40.3	42.1	44.8	48.4	50.7	57.7	57.0	55.2	56.7	58.3	60.1	60.3
2005	60.1	61.0	59.5	58.8	58.3	60.3	60.6	62.8	60.3	58.8	59.7	61.3
2006	67.3	65.3	66.0	64.7	65.8	65.3	67.6	66.4	66.5	66.4	65.5	65.1
2007	64.6	64.4	63.8	64.0	62.6	62.2	61.5	62.6	63.5	^P 63.1	^P 60.8	
Manufacturing payrolls, 84 industries ¹												
Over 1-month span:												
2003	34.5	17.3	17.3	10.7	22.0	17.3	17.3	31.5	26.8	38.1	42.3	42.3
2004	41.1	45.2	47.0	63.1	50.0	48.2	56.5	43.5	41.7	43.5	40.5	42.3
2005	36.9	48.2	43.5	48.2	38.7	37.5	42.3	45.8	44.0	44.6	48.2	51.8
2006	63.1	48.2	56.0	53.0	47.0	58.9	51.2	44.6	40.5	47.6	43.5	38.7
2007	52.4	38.7	30.4	33.3	42.3	42.9	45.8	32.7	41.1	^P 46.4	^P 45.2	
Over 3-month span:												
2003	15.5	11.3	13.7	9.5	8.9	11.9	15.5	15.5	17.9	29.2	30.4	33.3
2004	45.2	42.9	43.5	57.7	60.1	58.3	55.4	46.4	47.0	42.9	42.9	37.5
2005	35.1	39.9	40.5	42.3	35.1	33.9	40.5	41.7	42.3	40.5	39.9	43.5
2006	56.5	52.4	52.4	51.2	47.6	54.8	48.2	52.4	39.3	42.3	35.7	39.9
2007	48.2	38.1	42.9	31.0	33.3	38.1	34.5	32.7	31.5	^P 38.1	^P 42.9	
Over 6-month span:												
2003	11.9	11.3	7.1	8.3	9.5	10.7	7.1	9.5	12.5	16.1	25.0	24.4
2004	28.0	32.7	35.1	47.0	50.0	52.4	54.2	52.4	48.8	51.2	41.1	38.7
2005	31.5	35.1	36.3	34.5	32.1	33.3	44.0	39.3	32.1	36.9	34.5	39.3
2006	42.9	41.7	50.0	50.6	51.2	53.0	45.8	45.8	47.6	45.2	44.6	39.9
2007	39.9	37.5	37.5	36.9	36.3	38.1	33.9	29.2	29.8	^P 36.9	^P 33.9	
Over 12-month span:												
2003	10.7	6.0	6.5	6.0	8.3	7.1	7.1	8.3	10.7	10.7	9.5	10.7
2004	13.1	14.3	13.1	20.2	23.2	35.7	36.9	38.1	36.3	44.0	44.6	44.6
2005	44.6	44.6	41.7	40.5	37.5	36.3	32.1	33.9	32.7	33.3	33.3	37.5
2006	44.6	40.5	40.5	40.5	39.3	42.3	48.8	48.8	44.6	45.2	43.5	41.7
2007	41.7	42.3	39.3	39.9	36.3	33.3	32.1	33.3	33.3	^P 32.7	^P 33.3	

¹Based on seasonally adjusted data for 1-, 3-, and 6-month spans and unadjusted data for the 12-month span.

^P= preliminary.

NOTE: Figures are the percent of industries with employment increasing plus one-half of the industries with unchanged employment, where 50 percent indicates an equal balance between industries with

increasing and decreasing employment. Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all unadjusted data beginning April 2006 and all seasonally adjusted data beginning January 2003 are subject to revision.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	2006			2007									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P
	Construction												
Alabama	112.0	111.7	111.5	111.4	112.1	112.7	112.9	113.3	114.0	113.5	113.8	114.4	114.5
Alaska	18.1	18.2	18.2	17.6	17.9	18.0	18.2	18.2	18.1	18.0	17.5	17.3	17.4
Arizona	251.6	251.7	252.0	251.9	252.4	249.5	248.3	246.6	243.1	242.7	240.4	238.3	232.7
Arkansas	57.4	57.2	57.3	57.2	57.2	57.4	57.5	57.6	57.5	57.2	57.3	56.8	56.5
California	938.1	938.3	937.2	942.9	942.4	944.9	939.7	938.4	933.0	925.0	917.4	911.3	907.1
Colorado	167.2	166.2	167.5	166.1	167.6	167.4	166.3	164.8	166.4	165.7	165.3	165.9	165.7
Connecticut	67.0	66.9	66.8	68.4	68.6	68.7	68.9	68.3	68.5	68.6	68.4	68.6	68.5
Delaware ²	29.7	29.8	29.3	29.1	28.9	28.9	28.9	28.8	29.1	29.5	29.4	29.3	29.7
District of Columbia ²	12.9	13.1	13.1	12.9	12.9	12.7	12.3	12.5	12.5	12.7	12.8	12.9	12.8
Florida	635.6	638.0	638.9	631.4	635.4	633.3	632.1	626.5	624.7	620.6	618.1	615.0	613.7
Georgia	222.9	224.1	223.8	225.0	225.8	224.7	224.8	224.8	225.0	225.4	227.9	228.1	227.1
Hawaii ²	36.5	36.7	37.2	37.0	37.0	37.5	37.4	37.8	38.3	37.9	38.1	38.3	38.2
Idaho	53.0	53.7	54.0	53.3	53.1	52.8	52.0	51.9	51.5	51.3	51.5	52.1	52.4
Illinois	273.5	272.7	272.7	281.3	277.3	279.9	280.6	280.1	279.8	277.4	277.3	274.0	273.5
Indiana	150.9	151.6	151.7	148.4	143.0	152.1	153.5	155.0	155.7	155.4	154.0	154.7	155.0
Iowa	74.8	75.8	75.2	77.0	78.2	78.4	76.3	76.8	76.6	76.6	77.1	78.2	77.7
Kansas	65.5	65.5	65.9	68.4	66.8	66.8	64.7	64.8	65.5	65.0	65.3	66.3	66.6
Kentucky	83.3	83.2	83.6	83.6	82.5	83.8	83.9	84.7	84.2	84.8	85.1	84.6	84.0
Louisiana	134.0	134.6	134.8	134.6	135.0	134.9	135.5	136.1	137.3	139.9	139.3	138.3	137.6
Maine	31.1	31.4	31.5	31.8	31.8	31.7	32.1	31.8	32.1	31.6	31.2	30.4	30.5
Maryland ²	190.5	191.3	192.9	193.8	194.0	194.2	194.5	194.4	195.1	194.7	193.9	193.9	194.2
Massachusetts	139.0	140.0	140.3	139.1	139.3	138.7	138.5	139.1	139.9	139.3	139.3	138.4	137.0
Michigan	177.3	175.5	176.2	173.3	174.9	174.8	171.6	165.9	163.6	161.8	162.0	162.5	161.0
Minnesota	127.8	128.4	128.4	132.0	132.2	131.5	128.6	127.0	126.0	126.2	123.7	120.3	120.9
Mississippi	58.2	58.1	58.8	59.2	59.4	61.0	60.2	60.2	60.4	60.8	61.5	61.8	62.6
Missouri	147.1	148.0	148.3	149.5	148.1	151.5	150.5	151.9	152.3	149.4	150.8	150.5	151.3
Montana	30.8	30.5	29.9	30.8	31.0	32.3	32.5	32.8	33.8	33.6	33.5	33.2	33.7
Nebraska ²	49.1	49.2	49.6	49.6	48.5	49.1	49.4	49.8	49.1	49.1	49.5	49.6	50.2
Nevada	141.5	142.1	142.3	141.5	142.9	142.7	142.3	142.0	142.1	140.6	139.3	138.1	135.9
New Hampshire	29.3	29.3	29.2	28.7	28.5	28.6	28.8	28.9	29.0	29.2	29.2	29.4	29.3
New Jersey	173.1	172.5	172.9	173.9	171.6	173.4	173.8	173.2	172.3	171.9	171.9	172.3	172.5
New Mexico	60.0	59.6	59.3	58.9	58.9	59.1	59.1	59.3	59.5	58.6	58.6	59.2	59.2
New York	337.5	338.2	340.0	345.9	343.6	345.9	345.9	349.2	348.3	349.4	346.4	350.2	349.0
North Carolina	247.3	247.2	247.9	247.8	248.6	250.1	251.6	252.6	254.0	253.5	253.9	254.2	254.3
North Dakota	18.4	18.6	18.9	18.9	19.3	19.7	19.5	19.1	19.0	19.2	19.2	19.2	19.1
Ohio	229.4	229.1	228.0	230.3	225.9	231.1	231.2	230.8	230.2	229.1	229.5	229.7	229.7
Oklahoma	70.9	71.7	71.9	72.2	71.8	72.8	71.7	71.0	71.3	71.1	72.0	71.8	72.7
Oregon	100.2	100.6	100.0	99.8	100.4	100.4	102.9	104.3	101.8	102.6	104.1	102.5	102.0
Pennsylvania	261.2	261.9	264.1	265.1	265.5	267.1	263.2	261.5	261.6	260.8	260.9	260.1	259.9
Rhode Island	23.4	23.3	23.5	23.8	23.5	23.7	23.9	24.2	24.5	24.3	24.2	24.2	24.3
South Carolina	126.0	126.5	126.0	126.1	126.0	127.6	127.8	126.5	124.6	125.9	126.1	125.1	125.7
South Dakota	22.6	22.6	22.8	22.5	21.7	22.0	22.1	22.2	22.2	22.4	22.7	22.9	22.6
Tennessee	132.0	132.9	133.3	136.3	136.9	139.2	138.5	138.1	139.0	138.6	139.0	139.0	139.4
Texas	613.0	613.6	615.9	615.7	623.6	625.6	624.8	623.6	625.2	621.1	621.4	621.7	623.8
Utah	97.8	99.4	100.4	102.3	104.1	105.9	106.8	108.2	109.5	108.4	108.2	108.5	108.4
Vermont	17.3	17.3	16.9	17.1	17.1	17.2	17.5	17.5	17.5	17.3	17.3	17.3	17.3
Virginia	247.4	247.5	247.5	246.6	246.4	249.8	249.5	249.2	250.3	251.7	252.1	251.5	248.9
Washington	198.1	199.5	200.4	199.8	201.4	201.6	200.9	202.7	204.1	205.2	205.3	207.1	206.8
West Virginia	39.7	39.5	39.4	39.3	38.9	39.3	39.7	39.5	39.6	39.8	39.9	40.1	40.3
Wisconsin	126.0	125.9	126.0	128.3	125.1	125.8	124.6	126.3	124.7	124.6	124.7	125.9	125.8
Wyoming	23.8	24.0	24.3	24.9	25.3	25.4	25.1	24.8	25.1	25.1	25.3	26.0	26.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	2006			2007									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P
	Manufacturing												
Alabama	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Alaska	12.4	13.2	12.8	13.5	12.3	12.4	12.9	12.1	13.9	13.2	13.5	12.9	12.4
Arizona	187.5	186.0	186.1	186.1	187.6	187.4	187.1	187.1	186.4	186.1	185.9	186.3	185.9
Arkansas	196.9	193.9	195.7	194.8	194.4	193.8	193.6	192.5	191.2	190.5	189.8	189.3	188.6
California	1,506.1	1,506.5	1,506.9	1,507.2	1,506.1	1,502.6	1,501.4	1,497.7	1,497.2	1,499.0	1,495.0	1,495.7	1,494.2
Colorado	148.6	148.8	149.1	148.9	149.1	148.3	147.6	147.3	146.3	145.6	144.7	144.3	144.2
Connecticut	193.3	193.0	192.8	193.0	193.2	193.0	193.3	193.3	193.6	193.0	192.6	191.7	191.2
Delaware	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
District of Columbia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Florida	398.9	396.8	398.7	400.9	400.1	396.0	397.6	395.5	396.5	397.5	396.4	396.5	394.0
Georgia	444.9	444.5	443.2	442.7	442.2	442.7	443.8	443.7	441.2	437.1	434.4	434.3	431.8
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	66.7	66.7	67.1	67.4	67.4	66.8	66.1	65.5	64.8	64.7	63.9	63.6	63.7
Illinois	684.7	681.8	680.9	680.5	679.8	678.0	678.0	679.3	680.0	681.2	679.7	678.3	674.6
Indiana	562.1	560.3	560.2	558.8	557.4	557.0	558.8	557.0	557.7	558.9	558.2	557.1	556.2
Iowa	229.7	230.0	230.6	231.4	231.9	232.1	231.8	231.6	230.8	231.8	231.6	230.8	230.3
Kansas	183.5	183.9	183.2	184.5	185.5	185.0	185.6	186.3	186.6	187.3	187.1	186.5	186.7
Kentucky	259.4	260.6	262.1	260.9	259.7	255.7	260.1	257.0	257.4	257.3	254.4	256.0	255.2
Louisiana	155.0	155.0	155.0	154.1	155.9	155.1	154.0	153.7	154.9	155.1	154.8	153.6	153.2
Maine	59.4	59.4	59.3	59.4	59.5	59.6	59.7	59.7	59.3	60.0	59.2	58.7	58.3
Maryland	135.4	135.2	135.1	135.4	134.5	134.2	134.2	134.1	134.5	134.7	133.3	133.4	133.4
Massachusetts	297.4	296.6	296.6	297.6	297.7	298.2	297.9	297.6	297.1	297.4	295.3	294.8	294.8
Michigan	633.0	634.6	630.9	623.1	632.4	635.1	629.5	624.1	626.6	621.1	618.4	615.1	607.5
Minnesota	348.9	348.0	348.2	346.6	346.8	345.2	343.3	344.3	343.8	342.3	341.3	340.3	337.6
Mississippi	175.3	175.3	175.1	175.8	174.6	168.3	172.8	172.0	171.5	171.3	171.8	172.4	171.8
Missouri	304.5	305.9	304.8	300.9	303.6	303.5	302.0	300.1	296.5	295.0	297.5	298.6	295.6
Montana	20.5	20.7	20.6	20.7	20.9	20.6	20.6	20.5	20.6	20.7	20.7	20.5	20.8
Nebraska	101.1	101.5	101.8	101.3	101.9	101.9	101.4	101.3	101.0	101.2	100.9	100.1	101.1
Nevada	51.1	51.2	51.3	51.8	51.8	51.8	52.2	52.0	51.9	52.1	51.9	52.2	51.8
New Hampshire	76.1	76.2	75.6	75.0	75.1	75.1	75.6	75.7	75.6	76.5	75.5	75.4	75.2
New Jersey	322.0	320.5	320.7	321.1	320.6	319.7	318.6	317.6	317.6	319.0	317.7	317.4	316.7
New Mexico	38.0	37.9	38.2	38.9	38.6	38.3	37.9	37.6	37.5	37.6	37.1	36.6	36.3
New York	562.9	562.1	562.1	560.2	557.9	556.0	555.7	554.2	554.2	554.7	553.1	549.4	546.6
North Carolina	552.3	551.3	551.1	550.2	549.1	548.2	547.9	547.1	545.5	544.4	542.0	542.5	542.5
North Dakota	25.7	26.5	26.4	26.3	26.1	25.8	26.0	26.1	26.0	25.8	25.9	26.1	25.9
Ohio	794.1	791.0	788.1	782.7	781.5	782.7	780.6	780.4	781.4	778.7	778.6	779.7	777.7
Oklahoma	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Oregon	207.6	206.0	204.6	203.8	202.6	203.0	201.7	201.1	200.6	201.6	200.8	202.2	202.8
Pennsylvania	670.2	669.1	667.7	668.2	665.2	666.4	665.0	662.1	661.2	660.2	658.5	657.7	657.5
Rhode Island	52.1	51.7	51.6	51.5	51.2	51.1	51.5	50.9	50.9	51.4	51.1	51.0	50.8
South Carolina	247.5	247.0	247.3	246.0	244.7	244.9	244.9	243.8	243.2	243.6	243.7	242.5	239.5
South Dakota	42.2	42.2	42.1	42.4	42.3	42.6	42.7	42.8	42.6	42.7	43.0	43.0	43.0
Tennessee	394.3	395.4	394.5	395.7	393.8	394.5	393.5	390.9	391.2	388.2	387.7	387.2	387.0
Texas	932.2	933.8	933.7	928.0	928.4	926.2	926.3	928.9	930.3	930.3	927.1	924.8	924.0
Utah	123.0	123.2	123.4	125.0	126.7	127.5	127.7	127.9	128.2	128.1	128.2	128.4	128.8
Vermont	36.0	36.0	35.9	35.8	35.9	35.7	35.7	35.8	35.9	35.8	35.9	35.8	35.7
Virginia	284.5	284.1	286.3	286.9	286.0	285.7	287.1	285.9	287.4	288.6	287.2	286.5	286.2
Washington	289.0	289.6	290.1	291.3	292.2	291.4	291.4	291.5	292.7	293.7	293.8	294.3	295.1
West Virginia	60.5	60.2	59.9	59.8	59.6	59.6	59.4	59.6	59.6	59.4	59.4	59.3	59.0
Wisconsin	504.0	502.3	501.6	496.4	495.1	496.4	496.0	495.9	497.3	500.7	500.8	500.1	498.7
Wyoming	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	2006			2007									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P
	Financial activities												
Alabama	98.3	98.5	98.5	98.3	98.1	98.0	98.0	98.3	98.2	98.3	98.0	98.8	98.7
Alaska	14.8	15.0	14.9	14.9	14.9	15.0	14.9	14.9	15.0	14.9	14.8	14.8	15.0
Arizona	185.9	185.8	186.5	188.4	188.2	188.0	187.5	187.7	187.5	188.3	186.1	186.2	185.6
Arkansas	53.0	53.2	53.2	53.3	53.4	53.5	53.4	53.4	53.5	53.7	53.5	53.7	53.8
California	940.2	941.5	941.2	942.8	943.5	942.8	942.2	940.2	933.9	934.3	931.5	928.8	927.3
Colorado	161.1	161.4	161.3	161.0	161.0	161.2	161.2	161.8	161.8	162.3	162.2	161.7	162.1
Connecticut	144.5	144.7	144.8	144.6	144.7	145.2	145.5	146.2	145.4	145.3	144.8	144.9	144.8
Delaware	43.3	43.2	43.3	43.3	43.4	43.4	43.1	43.1	43.1	43.3	43.5	43.2	43.5
District of Columbia	29.7	29.9	30.0	29.8	29.8	29.8	29.9	30.0	29.9	30.3	30.5	30.7	30.4
Florida	547.0	548.6	551.9	550.5	552.7	552.4	552.5	553.3	550.9	553.5	553.7	550.8	557.4
Georgia	232.6	232.7	232.9	233.0	233.3	231.4	232.4	232.8	233.3	234.2	233.8	233.6	231.7
Hawaii	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Idaho	32.3	32.4	32.6	32.6	32.6	32.6	32.9	33.0	33.3	33.2	33.3	33.1	33.4
Illinois	406.8	407.2	408.1	409.1	409.9	410.6	409.8	410.3	410.7	410.8	411.6	410.7	409.5
Indiana	140.3	140.2	140.5	140.4	140.2	140.0	140.0	139.3	139.5	140.1	140.4	140.4	140.5
Iowa	101.1	100.7	101.4	101.5	101.4	101.8	101.7	102.1	102.7	102.7	102.3	103.0	103.4
Kansas	72.2	72.0	71.9	71.7	72.0	72.2	72.6	72.9	73.3	73.3	73.7	73.4	73.5
Kentucky	90.9	90.9	91.0	91.8	91.8	91.8	91.8	92.4	92.3	92.2	92.0	92.2	92.6
Louisiana	96.3	96.6	96.7	97.2	97.4	97.1	97.3	96.9	97.1	97.0	97.8	97.3	97.6
Maine	33.6	33.6	33.5	33.6	33.4	33.3	33.0	33.0	33.2	33.0	32.9	33.0	33.2
Maryland	159.7	160.1	160.2	159.8	160.2	159.5	160.0	160.5	159.8	159.4	159.6	160.2	160.5
Massachusetts	223.7	224.7	225.0	223.1	223.4	223.6	223.7	224.2	224.7	225.5	224.9	225.3	224.1
Michigan	215.5	215.1	215.1	214.9	215.5	215.3	214.3	213.2	213.0	212.5	211.7	211.7	211.2
Minnesota	182.6	183.1	182.6	183.7	183.5	183.9	183.8	184.2	184.0	183.0	182.9	183.1	183.0
Mississippi	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Missouri	166.5	166.4	166.3	165.4	166.0	167.1	166.8	167.4	167.5	167.3	167.4	166.6	166.2
Montana	22.5	22.5	22.8	22.8	22.8	22.6	22.5	22.5	22.2	22.2	22.2	22.6	22.8
Nebraska	65.6	65.5	65.6	66.1	66.3	66.4	66.2	66.7	66.2	65.8	66.0	66.6	66.3
Nevada	66.3	66.5	66.8	66.4	66.7	66.5	66.2	66.1	65.7	65.7	65.3	65.5	65.4
New Hampshire	39.9	39.9	40.1	39.7	39.6	39.7	39.6	39.6	39.5	40.0	40.1	40.8	41.0
New Jersey	281.7	281.8	282.3	282.5	282.5	282.7	282.7	283.3	282.6	283.6	283.0	282.2	281.7
New Mexico	35.1	35.3	35.5	35.5	35.3	35.4	35.3	35.4	35.4	35.3	35.4	35.4	35.5
New York	730.0	730.3	731.9	730.7	731.3	734.1	738.0	736.4	736.2	740.0	740.9	740.6	742.4
North Carolina	209.2	210.4	211.2	209.6	210.8	210.7	211.4	211.6	212.2	213.7	214.4	214.2	215.3
North Dakota	19.4	19.4	19.5	19.3	19.4	19.5	19.7	19.8	19.9	20.1	20.1	20.0	19.9
Ohio	306.9	307.0	307.2	305.4	304.6	305.5	304.3	304.3	303.7	303.5	302.6	302.9	303.3
Oklahoma	84.0	83.8	83.7	83.2	83.4	83.9	83.2	83.1	83.0	83.8	83.3	83.5	83.7
Oregon	106.3	106.1	106.3	105.7	105.5	105.6	105.6	105.3	104.8	104.8	105.3	105.1	105.3
Pennsylvania	334.3	334.2	334.4	333.9	334.4	334.1	333.9	333.9	334.5	334.2	333.6	333.1	333.5
Rhode Island	35.9	36.2	36.3	36.2	36.4	36.3	36.0	36.1	35.8	36.1	36.0	35.9	35.9
South Carolina	104.3	104.6	105.2	105.0	105.3	104.4	103.7	104.1	103.1	103.7	104.4	104.5	105.1
South Dakota	30.1	30.2	30.5	30.6	30.6	30.8	31.0	31.1	31.5	31.2	30.9	31.0	31.4
Tennessee	144.6	144.7	144.7	144.2	144.7	144.5	144.2	144.3	144.6	144.5	144.5	145.0	144.9
Texas	627.3	630.0	631.2	632.9	634.7	635.8	637.4	638.1	638.6	639.7	641.1	643.6	645.4
Utah	72.2	72.6	73.0	72.9	73.2	73.7	74.6	74.9	75.5	75.7	75.8	76.0	76.2
Vermont	13.1	13.2	13.2	13.4	13.3	13.3	13.3	13.2	13.4	13.3	13.3	13.3	13.2
Virginia	197.4	196.8	197.5	195.6	197.4	198.6	197.9	198.2	199.0	199.3	200.5	199.8	199.1
Washington	155.7	155.5	156.0	157.0	157.1	157.1	156.8	156.7	156.6	158.0	158.2	158.0	158.4
West Virginia	30.3	30.1	30.0	29.9	30.4	30.2	30.4	30.3	30.2	30.1	30.1	29.9	30.1
Wisconsin	161.3	161.4	161.9	161.2	160.5	160.3	161.5	161.3	161.5	161.8	162.3	161.6	163.0
Wyoming	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)

See footnotes at end of table.

B-8. Average weekly hours of production and nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

Industry	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
Total private	33.8	33.9	33.8	33.7	33.9	33.8	33.8	33.9	33.8	33.8	33.8	33.8	33.8
Goods-producing	40.4	40.7	40.2	40.2	40.6	40.4	40.5	40.7	40.6	40.6	40.6	40.6	40.6
Natural resources and mining	46.1	45.6	45.0	45.9	45.9	45.8	45.7	45.9	45.9	45.7	46.2	46.0	46.4
Construction	39.0	39.8	38.7	38.4	39.0	38.8	38.9	39.0	38.9	38.7	38.8	38.9	38.8
Manufacturing	41.0	41.0	40.9	40.9	41.2	41.1	41.1	41.4	41.3	41.4	41.3	41.2	41.3
Overtime hours	4.1	4.2	4.1	4.1	4.3	4.2	4.1	4.3	4.2	4.1	4.1	4.1	4.1
Durable goods	41.2	41.2	41.1	41.1	41.4	41.2	41.3	41.7	41.6	41.7	41.6	41.5	41.6
Overtime hours	4.1	4.2	4.1	4.1	4.3	4.2	4.1	4.4	4.2	4.1	4.1	4.1	4.1
Wood products	39.1	39.3	38.7	39.1	39.5	39.6	39.5	39.7	39.9	39.6	39.7	39.4	39.4
Nonmetallic mineral products	42.3	42.7	42.0	41.6	42.4	42.2	42.3	42.5	42.6	42.8	42.7	42.8	43.0
Primary metals	43.5	43.3	42.8	43.0	43.2	43.0	42.8	43.3	43.2	43.0	42.6	42.5	43.0
Fabricated metal products	41.2	41.0	41.0	41.1	41.6	41.4	41.4	41.6	41.7	41.7	41.8	41.8	41.7
Machinery	42.3	42.3	41.8	42.3	42.3	42.4	42.3	42.5	42.6	42.6	42.7	43.0	43.1
Computer and electronic products	40.2	40.4	40.3	40.3	40.4	40.4	40.4	40.7	40.2	40.7	40.7	40.6	40.9
Electrical equipment and appliances	40.7	40.4	40.7	40.9	40.9	41.1	41.3	41.9	41.7	41.3	41.3	40.9	41.3
Transportation equipment	42.5	42.5	42.8	42.5	42.8	42.3	42.9	43.3	43.2	43.2	42.7	42.6	42.5
Motor vehicles and parts ²	41.5	41.7	42.0	41.5	42.4	41.7	42.6	42.9	42.6	42.4	42.1	42.1	42.0
Furniture and related products	39.0	39.0	38.9	38.8	38.9	38.9	38.9	39.2	39.3	39.7	39.4	39.2	39.3
Miscellaneous manufacturing	38.8	38.7	38.5	37.9	38.5	38.6	38.6	39.0	39.0	39.1	39.5	38.8	38.5
Nondurable goods	40.6	40.6	40.6	40.6	40.9	40.9	40.8	40.9	40.9	40.8	40.8	40.8	40.9
Overtime hours	4.2	4.3	4.1	4.2	4.3	4.2	4.1	4.2	4.1	4.1	4.1	4.1	4.1
Food manufacturing	40.5	40.4	40.4	40.5	41.0	40.7	40.6	40.5	40.8	40.6	40.7	40.8	40.6
Beverages and tobacco products	40.9	40.7	40.8	40.5	40.7	41.3	40.5	40.8	40.7	40.9	40.7	40.6	40.3
Textile mills	40.4	41.0	40.6	40.7	40.5	40.2	40.2	40.5	40.2	39.8	40.5	40.4	40.8
Textile product mills	39.8	39.2	39.3	39.5	39.6	39.9	39.8	40.5	40.6	39.9	39.9	39.0	37.8
Apparel	36.9	36.7	37.5	37.0	36.7	37.3	37.3	37.7	37.7	37.4	37.4	37.2	37.8
Leather and allied products	37.8	38.2	38.2	38.0	37.9	37.6	38.9	37.8	37.4	37.5	37.7	37.5	38.1
Paper and paper products	42.6	42.4	42.5	42.4	43.1	43.0	42.9	43.0	42.9	43.1	43.1	43.4	43.1
Printing and related support activities	39.1	39.5	39.2	39.4	39.3	39.4	39.1	39.1	38.8	39.1	38.8	38.8	39.0
Petroleum and coal products	44.8	44.7	45.3	45.1	44.7	44.9	44.6	44.5	44.2	43.7	43.4	42.9	43.5
Chemicals	41.9	42.0	41.8	41.8	41.9	42.2	42.0	42.0	42.1	42.0	41.9	41.5	41.8
Plastics and rubber products	40.6	40.6	40.8	40.4	40.9	41.2	41.1	41.4	41.5	41.4	41.6	41.5	42.1
Private service-providing	32.4	32.4	32.4	32.4	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
Trade, transportation, and utilities	33.5	33.4	33.4	33.3	33.4	33.3	33.4	33.4	33.3	33.3	33.4	33.3	33.4
Wholesale trade	38.0	38.0	38.0	38.1	38.2	38.1	38.3	38.3	38.1	38.2	38.2	38.0	38.3
Retail trade	30.5	30.4	30.4	30.2	30.2	30.2	30.2	30.2	30.1	30.1	30.3	30.2	30.3
Transportation and warehousing	36.9	36.9	37.1	37.1	37.2	36.9	37.0	37.0	36.8	37.0	37.0	36.8	36.7
Utilities	41.9	42.0	41.9	42.3	42.5	42.3	42.4	42.6	42.6	42.5	42.6	42.1	42.5
Information	36.4	36.6	36.5	36.6	36.7	36.5	36.3	36.3	36.5	36.3	36.3	36.1	36.0
Financial activities	35.8	36.0	36.0	36.0	36.0	36.0	35.9	36.0	35.9	35.8	35.7	35.7	35.7
Professional and business services	34.6	34.6	34.5	34.6	34.8	34.7	34.8	34.7	34.7	34.7	34.8	34.7	34.8
Education and health services	32.5	32.4	32.5	32.4	32.6	32.6	32.5	32.6	32.6	32.6	32.6	32.6	32.6
Leisure and hospitality	25.6	25.7	25.6	25.5	25.6	25.6	25.6	25.5	25.4	25.4	25.4	25.4	25.4
Other services	30.9	30.9	30.9	30.7	31.0	30.9	31.0	30.9	30.8	30.8	30.9	30.9	31.0

¹Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

²Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

^P= preliminary.

NOTE: Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all seasonally adjusted data from January 2003 forward are subject to revision.

B-9. Indexes of aggregate weekly hours of production and nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

(2002=100)

Industry	2006		2007										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. ^P	Nov. ^P
Total private	106.3	106.9	106.7	106.4	107.3	107.1	107.3	107.7	107.6	107.7	107.8	107.9	108.0
Goods-producing	102.0	102.8	101.8	101.2	102.6	101.9	102.4	103.0	102.7	102.3	102.2	102.1	102.0
Natural resources and mining	129.1	129.2	127.2	131.2	132.0	131.7	132.1	132.9	134.2	132.8	134.5	133.7	135.1
Construction	114.7	116.9	114.6	111.9	115.2	114.2	114.7	115.5	115.1	114.1	114.0	114.2	113.6
Manufacturing	95.2	95.3	95.0	94.9	95.5	95.2	95.3	95.9	95.7	95.6	95.4	95.0	95.2
Durable goods	98.2	98.3	97.7	97.7	98.2	97.8	98.1	98.8	98.7	98.6	98.4	98.0	98.3
Wood products	94.1	93.8	91.8	91.7	92.1	92.2	92.4	92.4	93.2	91.3	90.1	88.9	87.6
Nonmetallic mineral products	97.1	98.2	96.6	94.8	96.4	95.7	96.6	97.3	97.4	97.4	97.2	97.7	97.5
Primary metals	92.3	92.0	90.7	91.3	91.2	90.9	90.6	91.0	91.0	90.0	89.2	89.2	90.4
Fabricated metal products	103.5	103.2	103.0	103.4	104.5	104.1	104.2	104.9	105.2	105.1	105.4	105.8	105.3
Machinery	105.2	105.0	103.7	105.2	105.3	105.4	105.8	106.5	107.1	106.6	107.2	108.5	109.4
Computer and electronic products	104.5	104.9	104.5	104.6	104.5	104.1	104.0	104.3	103.0	103.5	103.5	102.8	103.7
Electrical equipment and appliances	88.3	88.5	89.0	89.9	90.4	91.1	91.6	92.6	92.5	91.1	91.5	90.9	92.1
Transportation equipment	98.0	98.2	97.9	97.3	97.6	97.0	98.0	98.7	98.3	98.8	98.1	96.6	96.8
Motor vehicles and parts ²	88.2	88.8	87.3	86.3	87.9	86.4	87.4	87.5	86.3	86.3	85.9	84.3	84.2
Furniture and related products	88.1	87.8	87.0	86.6	86.6	86.4	86.5	86.4	86.8	86.9	86.0	85.3	85.8
Miscellaneous manufacturing	92.0	92.2	91.7	90.5	92.1	92.3	92.4	92.8	92.4	92.3	93.3	91.9	91.7
Nondurable goods	90.2	90.3	90.8	90.6	91.1	91.0	90.9	91.1	91.2	90.6	90.6	90.4	90.4
Food manufacturing	100.6	100.3	101.0	101.2	102.7	101.8	102.1	102.1	103.0	101.9	101.9	102.1	101.4
Beverages and tobacco products	99.1	100.1	101.4	101.8	102.6	105.6	103.8	104.9	104.9	103.1	101.2	100.0	97.9
Textile mills	62.3	62.8	61.2	60.2	59.4	57.9	57.6	57.3	55.8	54.8	55.5	55.4	55.5
Textile product mills	83.5	81.7	81.9	81.4	80.8	81.1	79.8	80.9	80.3	78.4	77.8	75.9	73.2
Apparel	63.2	62.8	63.5	62.1	61.3	61.7	61.5	61.6	61.6	60.4	59.9	59.0	59.7
Leather and allied products	71.5	72.9	73.7	72.6	73.4	71.3	74.3	72.5	70.9	71.6	74.5	73.4	73.8
Paper and paper products	85.0	84.7	85.2	84.5	85.2	85.2	84.9	85.4	85.5	85.5	85.4	86.0	84.9
Printing and related support activities	93.4	95.0	93.9	94.2	93.9	93.1	92.3	92.2	91.7	92.1	92.4	91.9	92.2
Petroleum and coal products	95.1	95.3	97.1	96.2	95.4	96.5	98.4	98.4	97.1	97.9	98.9	99.0	100.9
Chemicals	93.9	94.4	93.8	94.0	94.0	95.0	94.7	95.1	96.0	96.0	96.0	94.7	95.7
Plastics and rubber products	91.1	91.4	94.1	93.1	94.2	95.0	94.6	95.0	95.2	94.9	95.0	94.7	96.1
Private service-providing	107.5	107.8	108.0	108.1	108.6	108.5	108.7	108.9	109.1	109.2	109.4	109.6	109.7
Trade, transportation, and utilities	103.7	103.6	103.7	103.4	104.0	103.6	104.2	104.3	104.1	104.2	104.6	104.4	104.8
Wholesale trade	106.4	106.8	106.8	107.3	107.7	107.7	108.7	109.1	109.0	109.6	109.9	109.7	110.7
Retail trade	101.0	100.8	101.1	100.5	100.9	100.7	100.9	100.8	100.6	100.5	101.2	100.8	101.2
Transportation and warehousing	109.1	109.2	109.5	109.4	109.6	108.7	109.1	109.2	108.7	109.5	109.8	109.4	109.4
Utilities	94.8	95.0	94.7	95.3	96.0	95.5	96.0	96.7	96.8	96.6	96.9	96.0	96.7
Information	100.5	101.3	101.0	101.7	102.2	101.9	101.6	101.4	102.0	101.4	101.6	101.2	100.9
Financial activities	109.3	110.2	110.3	110.4	110.6	110.7	110.6	111.0	111.1	110.6	110.2	110.1	109.8
Professional and business services	113.2	113.7	113.5	114.0	114.7	114.4	115.0	114.5	114.8	115.0	115.6	115.6	116.1
Education and health services	110.2	110.1	110.7	110.5	111.6	111.9	111.9	112.8	113.2	113.6	113.7	113.9	114.1
Leisure and hospitality	110.5	111.4	111.2	110.9	111.5	111.8	112.1	111.7	111.4	111.7	112.2	112.5	112.7
Other services	97.8	98.0	98.1	97.6	98.7	98.6	99.1	99.0	98.7	98.6	98.9	99.0	99.5

¹Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

²Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

^P= preliminary.

NOTE: The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by

the corresponding 2002 annual average levels. Aggregate hours estimates are the product of estimates of average weekly hours and production and nonsupervisory worker employment. Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all seasonally adjusted data from January 2003 forward are subject to revision.

**ESTABLISHMENT DATA
ALL-EMPLOYEE HOURS
SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
ALL-EMPLOYEE HOURS
SEASONALLY ADJUSTED**

B-10. Hours of wage and salary workers on nonfarm payrolls by major industry, quarterly, seasonally adjusted

Industry	Millions of hours (annual rate) ¹			Percent change (annual rate)	
	2006 III	2007 II	2007 III ^r	2006 III to 2007 III ^r	2007 II to 2007 III ^r
Total.....	234,002	236,200	236,552	1.1	0.6
Private sector.....	193,465	195,170	195,515	1.1	.7
Natural resources and mining.....	2,163	2,242	2,306	6.6	11.8
Construction.....	15,161	15,123	14,978	-1.2	-3.8
Manufacturing.....	28,005	27,674	27,690	-1.1	.2
Durable goods.....	17,818	17,548	17,608	-1.2	1.4
Nondurable goods.....	10,187	10,126	10,081	-1.0	-1.7
Trade, transportation, and utilities...	43,414	43,578	43,696	.6	1.1
Information.....	5,426	5,418	5,445	.3	2.0
Financial activities.....	14,333	14,541	14,458	.9	-2.3
Professional and business services	30,308	30,849	30,938	2.1	1.2
Education and health services.....	28,949	29,674	29,992	3.6	4.3
Leisure and hospitality.....	17,354	17,557	17,539	1.1	-.4
Other services.....	8,351	8,512	8,474	1.5	-1.8
Government.....	40,537	41,031	41,037	1.2	.1

Effective with the October 2007 release of this table, government hours reflect a new methodology which utilizes information on employment and hours by job (rather than by person) from the BLS Current Population Survey.

¹ Total hours at work for 1 week in the month, seasonally adjusted, multiplied by 52.

^r = revised.

^p = preliminary.

NOTE: Data refer to hours of all employees—production workers, nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2490, chapter 10, "Productivity Measures: Business Sector and Major Subsectors."

These hours measures are presented on an hours-worked basis. Hours of production and nonsupervisory workers have been converted from hours-paid using information from the Employment Cost Index. See <http://www.bls.gov/lpc/lprhws/lprhwhp.pdf> These data also incorporate estimates of the average weekly hours of supervisory and nonproduction workers. See <http://www.bls.gov/opub/mlr/2004/04/art2full.pdf>

SOURCE: Office of Productivity and Technology (202-691-5606). Historical data for these series also are available on the Internet at the following address: <ftp://ftp.bls.gov/pub/special.requests/opt/tableb10.txt>

B-12. Employees on nonfarm payrolls by detailed industry

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Total nonfarm		137,643	138,052	138,456	139,253	139,493	--	--	--	--	--
Total private		115,189	115,459	116,348	116,581	116,675	94,417	94,712	95,832	96,052	96,171
Goods-producing		22,807	22,623	22,618	22,513	22,329	16,781	16,615	16,775	16,677	16,516
Natural resources and mining		709	703	737	739	734	538	532	557	556	551
Logging	1133	67.2	66.3	65.4	64.8	64.5	55.5	54.6	55.3	53.8	--
Mining	21	641.3	636.5	671.4	674.1	669.6	482.6	477.6	501.7	502.6	--
Oil and gas extraction	211	139.9	140.6	151.8	152.4	152.1	82.3	81.7	88.3	88.6	--
Mining, except oil and gas	212	226.9	223.4	234.9	234.6	231.1	181.2	178.8	188.1	188.4	--
Coal mining	2121	79.4	78.8	80.7	81.2	82.0	69.2	69.0	71.1	71.2	--
Bituminous coal and lignite surface mining	212111	37.9	37.5	40.7	40.9	--	31.7	31.5	34.5	34.7	--
Bituminous coal underground mining and anthracite mining	212112,3	41.5	41.3	40.0	40.3	--	37.5	37.5	36.6	36.5	--
Metal ore mining	2122	34.0	34.5	39.1	39.8	--	27.1	27.2	30.4	31.4	--
Nonmetallic mineral mining and quarrying	2123	113.5	110.1	115.1	113.6	--	84.9	82.6	86.6	85.8	--
Stone mining and quarrying	21231	52.5	51.3	54.8	53.6	--	40.9	40.1	43.3	42.8	--
Crushed and broken limestone mining	212312	27.8	27.3	29.7	29.3	--	21.5	21.4	23.0	22.9	--
Other stone mining and quarrying	212311,3,9	24.7	24.0	25.1	24.3	--	19.4	18.7	20.3	19.9	--
Sand, gravel, clay, and refractory mining	21232	47.8	45.8	46.8	46.5	--	35.0	33.6	33.9	33.6	--
Construction sand and gravel mining	212321	35.7	34.1	35.3	35.1	--	26.7	25.7	26.4	26.2	--
Other nonmetallic mineral mining	21239	13.2	13.0	13.5	13.5	--	9.0	8.9	9.4	9.4	--
Support activities for mining	213	274.5	272.5	284.7	287.1	286.4	219.1	217.1	225.3	225.6	--
Support activities for oil and gas operations	213112	179.3	181.3	188.5	190.2	--	139.5	140.7	145.7	146.6	--
Construction		7,905	7,768	7,829	7,783	7,634	6,075	5,950	6,091	6,055	5,916
Construction of buildings	236	1,842.4	1,811.1	1,801.0	1,781.4	1,750.4	1,276.0	1,249.2	1,279.9	1,263.0	--
Residential building	2361	1,040.3	1,020.8	999.2	983.7	963.9	699.2	684.7	698.2	685.6	--
New single-family general contractors	236115	628.5	615.1	599.3	589.3	--	409.7	398.8	413.2	405.9	--
New multifamily general contractors	236116	33.5	33.4	32.4	33.1	--	--	--	--	--	--
Residential remodelers	236118	331.5	324.5	326.8	322.1	--	241.8	237.3	244.8	240.5	--
Nonresidential building	2362	802.1	790.3	801.8	797.7	786.5	576.8	564.5	581.7	577.4	--
Industrial building	23621	182.0	175.8	172.0	169.4	--	139.3	133.9	136.6	134.3	--
Commercial building	23622	620.1	614.5	629.8	628.3	--	437.5	430.6	445.1	443.1	--
Heavy and civil engineering construction	237	1,049.9	1,019.2	1,054.2	1,049.1	1,009.1	809.8	779.5	826.2	826.6	--
Utility system construction	2371	442.2	438.4	438.5	437.3	--	362.1	358.1	355.6	357.6	--
Water and sewer system construction	23711	218.3	214.7	211.9	207.9	--	177.2	174.3	169.6	167.9	--
Oil and gas pipeline construction	23712	86.1	87.2	89.8	89.3	--	72.7	72.5	72.8	72.8	--
Power and communication system construction	23713	137.8	136.5	136.8	140.1	--	112.2	111.3	113.2	116.9	--
Land subdivision	2372	98.8	98.2	102.6	103.6	--	39.5	39.1	51.7	53.7	--
Highway, street, and bridge construction	2373	389.2	366.1	387.9	385.4	--	320.7	297.7	324.3	323.3	--
Other heavy construction	2379	119.7	116.5	125.2	122.8	--	87.5	84.6	94.6	92.0	--
Specialty trade contractors	238	5,012.6	4,937.9	4,974.0	4,952.3	4,874.2	3,989.2	3,921.6	3,985.0	3,965.4	--
Residential specialty trade contractors	part 238	2,395.9	2,359.8	2,322.5	2,293.3	2,243.1	--	--	--	--	--
Nonresidential specialty trade contractors	part 238	2,616.7	2,578.1	2,651.5	2,659.0	2,631.1	--	--	--	--	--
Building foundation and exterior contractors	2381	1,146.4	1,122.4	1,098.6	1,089.4	--	955.7	932.5	916.6	910.3	--
Residential building foundation and exterior contractors	part 2381	606.0	589.2	560.0	550.9	--	--	--	--	--	--
Nonresidential specialty trade contractors	part 2381	540.4	533.2	538.6	538.5	--	--	--	--	--	--
Poured concrete structure contractors	23811	250.6	247.9	248.4	249.3	--	217.9	216.0	215.0	217.6	--
Steel and precast concrete contractors	23812	106.8	103.6	105.4	107.1	--	86.0	82.8	88.3	89.7	--
Framing contractors	23813	147.6	138.3	129.7	118.4	--	131.1	120.6	112.0	102.5	--

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Construction-Continued											
Masonry contractors	23814	267.9	264.5	249.1	252.0	--	235.7	232.8	215.2	217.8	--
Glass and glazing contractors	23815	60.5	59.8	63.4	63.2	--	42.1	40.8	47.4	47.3	--
Roofing contractors	23816	202.1	200.5	189.1	188.7	--	162.6	160.1	153.3	152.5	--
Siding contractors	23817	50.9	50.2	54.2	53.6	--	--	--	--	--	--
Other building exterior contractors	23819	60.0	57.6	59.3	57.1	--	--	--	--	--	--
Building equipment contractors	2382	2,035.7	2,020.8	2,058.4	2,061.1	--	1,565.4	1,553.6	1,599.1	1,600.9	--
Residential building equipment contractors	part 2382	831.8	831.5	838.4	827.4	--	--	--	--	--	--
Nonresidential building equipment contractors	part 2382	1,203.9	1,189.3	1,220.0	1,233.7	--	--	--	--	--	--
Electrical contractors	23821	921.3	914.7	938.9	944.1	--	723.1	717.9	746.9	750.6	--
Plumbing and HVAC contractors	23822	991.2	983.0	997.0	993.5	--	757.5	750.0	761.4	758.4	--
Other building equipment contractors	23829	123.2	123.1	122.5	123.5	--	84.8	85.7	90.8	91.9	--
Building finishing contractors	2383	1,060.9	1,041.0	1,052.6	1,043.8	--	850.4	832.0	857.3	848.0	--
Residential building finishing contractors	part 2383	623.5	614.2	600.8	597.6	--	--	--	--	--	--
Nonresidential building finishing contractors	part 2383	437.4	426.8	451.8	446.2	--	--	--	--	--	--
Drywall and insulation contractors	23831	381.1	375.9	371.3	365.0	--	327.5	321.5	322.8	315.8	--
Painting and wall covering contractors	23832	252.0	242.0	245.7	244.0	--	209.0	199.9	206.0	205.2	--
Flooring contractors	23833	87.6	89.2	90.7	89.7	--	61.0	62.9	64.8	63.6	--
Tile and terrazzo contractors	23834	82.9	83.3	85.1	87.1	--	64.1	64.8	68.0	70.7	--
Finish carpentry contractors	23835	179.1	177.2	179.9	179.1	--	130.6	129.0	135.9	134.9	--
Other building finishing contractors	23839	78.2	73.4	79.9	78.9	--	58.2	53.9	59.8	57.8	--
Other specialty trade contractors	2389	769.6	753.7	764.4	758.0	--	617.7	603.5	612.0	606.2	--
Other residential trade contractors	part 2389	334.6	324.9	323.3	317.4	--	--	--	--	--	--
Other nonresidential trade contractors	part 2389	435.0	428.8	441.1	440.6	--	--	--	--	--	--
Site preparation contractors	23891	404.6	397.4	399.7	396.2	--	332.5	324.5	328.2	324.7	--
All other specialty trade contractors	23899	365.0	356.3	364.7	361.8	--	285.2	279.0	283.8	281.5	--
Manufacturing		14,193	14,152	14,052	13,991	13,961	10,168	10,133	10,127	10,066	10,049
Durable goods		8,995	8,969	8,880	8,847	8,844	6,365	6,347	6,311	6,280	6,286
Wood products	321	548.5	541.3	524.6	518.4	507.0	436.4	429.7	412.9	406.5	396.0
Sawmills and wood preservation	3211	117.3	115.8	112.2	111.3	--	99.6	98.2	96.0	94.8	--
Plywood and engineered wood products	3212	115.1	111.9	109.2	105.8	--	94.1	90.7	86.7	83.9	--
Hardwood and softwood veneer and plywood	321211,2	40.9	39.4	40.5	39.5	--	36.3	35.0	35.5	34.6	--
Engineered wood members and trusses	321213,4	55.4	53.8	50.4	48.1	--	41.3	39.4	36.2	34.5	--
Other wood products	3219	316.1	313.6	303.2	301.3	--	242.7	240.8	230.2	227.8	--
Millwork	32191	155.3	154.7	145.4	144.5	--	119.4	119.3	110.4	108.9	--
Wood windows and doors	321911	77.6	77.1	72.8	72.1	--	57.5	57.1	52.4	51.0	--
Cut stock, resawing lumber, planing, and other millwork, including flooring	321912,8	77.7	77.6	72.6	72.4	--	61.9	62.2	58.0	57.9	--
Wood containers and pallets	32192	57.5	57.8	59.5	61.1	--	43.3	43.3	45.3	47.0	--
All other wood products	32199	103.3	101.1	98.3	95.7	--	80.0	78.2	74.5	71.9	--
Manufactured and mobile homes	321991	48.5	47.0	43.0	41.7	--	39.4	38.4	34.5	33.1	--
Nonmetallic mineral products	327	510.9	506.7	503.8	501.7	495.1	390.0	387.8	389.9	388.3	382.3
Clay products and refractories	3271	61.3	60.4	59.7	59.1	--	50.6	49.9	47.7	46.8	--
Pottery, ceramics, and plumbing fixtures	32711	24.1	23.8	22.1	21.9	--	21.7	21.4	18.7	18.5	--
Clay building material and refractories	32712	37.2	36.6	37.6	37.2	--	28.9	28.5	29.0	28.3	--
Glass and glass products	3272	102.2	101.4	102.4	102.7	--	76.5	76.3	77.2	77.5	--
Flat glass and other pressed and blown glass and glassware	327211,2	35.1	34.7	35.0	34.7	--	--	--	--	--	--
Glass containers	327213	16.1	16.2	15.9	15.9	--	--	--	--	--	--
Glass products made of purchased glass	327215	51.0	50.5	51.5	52.1	--	36.4	36.3	35.9	36.3	--
Cement and concrete products	3273	252.6	250.3	247.8	245.3	--	193.1	191.8	194.6	192.8	--
Ready-mix concrete	32732	136.2	134.1	131.6	130.7	--	108.6	106.9	107.0	106.5	--
Other cement and concrete products	32731,3,9	116.4	116.2	116.2	114.6	--	84.5	84.9	87.6	86.3	--
Lime, gypsum, and other nonmetallic mineral products	3274,9	94.8	94.6	93.9	94.6	--	69.8	69.8	70.4	71.2	--
Primary metals	331	458.6	454.2	447.6	445.8	446.0	357.7	354.8	351.6	351.4	352.0

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods—Continued											
Iron and steel mills and ferroalloy production	3311	93.0	92.9	92.4	91.6	--	69.2	69.8	73.7	73.3	--
Steel products from purchased steel	3312	59.0	59.0	57.6	57.6	--	46.6	46.4	44.3	44.4	--
Iron, steel pipe, and tube from purchase steel	33121	27.3	27.1	27.3	27.2	--	21.9	21.7	21.2	21.0	--
Rolling and drawing of purchased steel	33122	31.7	31.9	30.3	30.4	--	24.7	24.7	23.1	23.4	--
Rolled steel shapes	331221	22.4	22.5	21.6	21.8	--	--	--	--	--	--
Alumina and aluminum production	3313	72.8	71.0	71.4	71.0	--	56.9	54.7	54.3	54.2	--
Other nonferrous metal production	3314	72.4	71.3	69.9	69.6	--	56.1	55.0	52.2	52.4	--
Rolled, drawn, extruded, and alloyed copper	33142	38.5	37.2	36.1	35.4	--	31.2	30.0	28.1	28.1	--
Nonferrous metal, except CU and AL, shaping	33149	23.4	23.4	22.8	23.1	--	17.2	17.0	15.6	15.8	--
Foundries	3315	161.4	160.0	156.3	156.0	--	128.9	128.9	127.1	127.1	--
Ferrous metal foundries	33151	93.0	90.8	91.7	91.3	--	74.8	73.7	74.8	74.4	--
Iron foundries	331511	59.3	57.0	57.4	56.7	--	47.6	46.5	47.5	47.0	--
Steel foundries	331512,3	33.7	33.8	34.3	34.6	--	27.2	27.2	27.3	27.4	--
Nonferrous metal foundries	33152	68.4	69.2	64.6	64.7	--	54.1	55.2	52.3	52.7	--
Fabricated metal products	332	1,565.2	1,562.2	1,571.5	1,576.8	1,570.4	1,171.8	1,170.1	1,176.8	1,182.4	1,176.0
Forging and stamping	3321	113.5	112.9	111.3	112.2	--	87.3	86.1	83.9	84.1	--
Iron and steel forging	332111	26.8	27.1	27.1	27.2	--	20.4	20.8	19.3	19.3	--
Metal stamping	332116	59.1	58.6	58.2	58.7	--	46.0	45.1	45.4	45.5	--
Cutlery and hand tools	3322	53.8	53.7	50.7	49.9	--	39.2	39.1	34.4	34.3	--
Hand and edge tools	332212	33.7	33.5	30.2	29.5	--	25.3	25.0	20.5	20.3	--
Architectural and structural metals	3323	420.8	420.2	431.4	433.3	--	309.6	310.6	322.1	323.5	--
Plate work and fabricated structural products	33231	187.9	187.9	194.7	195.6	--	139.3	140.0	145.9	146.4	--
Prefabricated metal buildings and components	332311	37.7	38.3	38.8	39.1	--	--	--	--	--	--
Fabricated structural metal products	332312	99.4	99.6	104.0	103.8	--	75.0	75.9	80.7	80.4	--
Plate work	332313	50.8	50.0	51.9	52.7	--	39.2	39.1	41.2	41.9	--
Ornamental and architectural metal products	33232	232.9	232.3	236.7	237.7	--	170.3	170.6	176.2	177.1	--
Metal windows and doors	332321	78.1	77.0	76.4	76.8	--	53.5	52.8	52.5	52.9	--
Sheet metal work	332322	113.2	113.3	118.2	118.7	--	87.7	87.8	90.6	91.0	--
Ornamental and architectural metal work	332323	41.6	42.0	42.1	42.2	--	29.1	30.0	33.1	33.2	--
Boilers, tanks, and shipping containers	3324	91.2	91.5	90.4	90.6	--	70.0	70.1	69.0	69.4	--
Hardware	3325	32.8	32.4	31.9	31.0	--	24.2	23.8	22.5	21.2	--
Spring and wire products	3326	58.6	57.9	56.7	55.7	--	43.8	43.7	41.7	41.2	--
Machine shops and threaded products	3327	355.2	353.1	360.0	362.4	--	271.4	269.0	278.7	281.8	--
Machine shops	33271	268.2	267.2	272.6	275.4	--	204.1	202.7	211.4	214.9	--
Turned products and screws, nuts, and bolts	33272	87.0	85.9	87.4	87.0	--	67.3	66.3	67.3	66.9	--
Precision turned products	332721	43.4	43.5	42.8	42.1	--	34.9	34.8	34.6	34.1	--
Bolts, nuts, screws, rivets, and washers	332722	43.6	42.4	44.6	44.9	--	32.4	31.5	32.7	32.8	--
Coating, engraving, and heat treating metals	3328	150.4	150.2	149.3	150.1	--	119.5	119.5	116.1	117.8	--
Metal heat treating and coating and nonprecious engraving	332811,2	75.7	75.1	74.4	75.5	--	59.4	59.5	57.9	59.6	--
Electroplating, anodizing, and coloring metals	332813	74.7	75.1	74.9	74.6	--	60.1	60.0	58.2	58.2	--
Other fabricated metal products	3329	288.9	290.3	289.8	291.6	--	206.8	208.2	208.4	209.1	--
Metal valves	33291	95.4	95.9	91.5	93.0	--	67.2	67.4	63.7	64.9	--
Fluid power valves and hose fittings	332912	35.2	35.4	34.7	36.1	--	--	--	--	--	--
Plumbing fixture fittings and trims	332913	13.1	13.3	11.8	12.2	--	--	--	--	--	--
Industrial valves and other metal valves and pipe fittings	332911,9	47.1	47.2	45.0	44.7	--	32.0	32.0	30.1	29.6	--
All other fabricated metal products	33299	193.5	194.4	198.3	198.6	--	139.6	140.8	144.7	144.2	--
Ball and roller bearings	332991	34.8	34.9	34.4	34.1	--	30.3	30.1	29.4	28.9	--
Small arms, ammunition, and other ordnance and accessories	332992,3,4,5	41.8	41.8	42.2	42.6	--	21.7	22.0	22.8	23.1	--
Miscellaneous fabricated metal products	332996,7,8,9	116.9	117.7	121.7	121.9	--	87.6	88.7	92.5	92.2	--
Machinery	333	1,204.9	1,206.7	1,219.5	1,222.6	1,227.9	788.6	790.3	797.0	800.7	806.8

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods-Continued											
Agricultural, construction, and mining machinery	3331	226.0	226.2	235.1	236.7	--	143.3	143.6	151.6	153.1	--
Agricultural implements	33311	80.4	79.8	81.9	81.6	--	59.4	58.5	59.6	58.7	--
Farm machinery and equipment	333111	56.5	55.7	58.1	57.6	--	41.4	40.4	41.9	41.0	--
Construction machinery	33312	79.1	79.1	80.1	80.5	--	44.0	43.8	43.4	43.9	--
Mining and oil and gas field machinery	33313	66.5	67.3	73.1	74.6	--	--	--	--	--	--
Industrial machinery	3332	122.9	123.9	124.9	126.0	--	68.7	68.9	67.2	67.3	--
Commercial and service industry machinery	3333	112.1	111.8	112.5	112.5	--	71.4	71.8	69.6	69.1	--
Office machinery	333313	10.1	10.1	9.6	9.6	--	--	--	--	--	--
Photographic and photocopying equipment	333315	13.0	12.9	11.3	11.4	--	--	--	--	--	--
Miscellaneous commercial and service industry machinery	333311,2,4,9	89.0	88.8	91.6	91.5	--	--	--	--	--	--
HVAC and commercial refrigeration equipment	3334	163.9	163.3	164.2	165.4	--	116.3	116.1	117.6	118.9	--
AC, refrigeration, and forced air heating	333415	111.6	111.6	112.0	110.8	--	79.6	80.2	81.8	81.6	--
Metalworking machinery	3335	204.9	204.2	199.7	199.9	--	147.6	147.4	144.1	145.1	--
Industrial molds	333511	41.6	41.7	40.8	40.7	--	31.3	31.4	31.4	31.1	--
Metal cutting and forming machine tools	333512,3	42.6	41.8	40.5	41.1	--	27.7	27.9	29.0	29.9	--
Special tools, dies, jigs, and fixtures	333514	78.9	78.7	75.9	75.8	--	60.8	60.4	56.1	56.4	--
Miscellaneous metalworking machinery	333515,6,8	41.8	42.0	42.5	42.3	--	27.8	27.7	27.6	27.7	--
Turbine and power transmission equipment	3336	100.5	101.0	104.8	104.1	--	63.4	63.6	65.3	65.1	--
Turbine and turbine generator set units	333611	20.0	19.9	20.2	20.4	--	--	--	--	--	--
Power transmission and miscellaneous engine equipment	333612,3,8	80.5	81.1	84.6	83.7	--	50.8	51.0	51.6	51.1	--
Other general purpose machinery	3339	274.6	276.3	278.3	278.0	--	177.9	178.9	181.6	182.1	--
Pumps and compressors	33391	53.3	53.6	53.4	53.0	--	30.2	30.4	30.1	29.9	--
Air and gas compressors	333912	21.6	21.9	21.4	21.3	--	--	--	--	--	--
Pumps and pumping equipment, including measuring and dispensing	333911,3	31.7	31.7	32.0	31.7	--	18.1	18.2	17.4	17.2	--
Material handling equipment	33392	80.3	80.6	82.5	83.8	--	57.4	57.4	55.7	56.6	--
Conveyor and conveying equipment	333922	31.0	31.0	32.4	32.7	--	18.8	18.7	18.8	19.3	--
All other general purpose machinery	33399	141.0	142.1	142.4	141.2	--	90.3	91.1	95.8	95.6	--
Computer and electronic products	334	1,316.9	1,317.2	1,294.9	1,291.3	1,292.3	770.0	768.9	751.2	746.9	748.2
Computer and peripheral equipment	3341	198.6	198.7	196.7	196.2	196.2	132.0	132.1	131.2	129.1	--
Electronic computers	334111	105.8	105.4	105.4	104.9	--	--	--	--	--	--
Computer storage devices	334112	32.8	32.8	31.6	31.5	--	--	--	--	--	--
Computer terminals and other computer peripheral equipment	334113,9	60.0	60.5	59.7	59.8	--	--	--	--	--	--
Communications equipment	3342	142.3	143.1	140.6	140.2	140.2	66.6	67.4	71.2	70.9	--
Telephone apparatus	33421	38.7	38.6	37.8	37.7	--	--	--	--	--	--
Broadcast and wireless communications equipment	33422	80.3	81.0	78.8	78.5	--	36.5	37.2	41.9	42.1	--
Audio and video equipment	3343	31.6	31.7	32.3	31.3	--	20.8	21.4	22.1	21.4	--
Semiconductors and electronic components	3344	466.3	466.1	455.7	454.2	453.7	292.6	290.8	284.4	283.3	--
Bare printed circuit boards	334412	59.4	59.9	54.3	53.1	--	36.8	36.7	33.3	32.2	--
Semiconductors and related devices	334413	235.7	235.2	229.5	228.3	--	137.5	136.3	134.2	133.5	--
Printed circuit assemblies	334418	52.7	52.7	52.8	53.0	--	38.3	38.5	37.3	37.5	--
Electronic connectors and misc. electronic components	334411,4,5,6,7,9	118.5	118.3	119.1	119.8	--	80.0	79.3	79.6	80.1	--
Electronic instruments	3345	437.3	436.7	434.1	434.2	435.0	226.9	225.8	215.5	216.0	--
Electromedical apparatus	33451	59.3	58.9	57.6	57.3	--	32.4	31.8	29.3	28.9	--
Search, detection, and navigation instruments	334511	157.2	157.4	160.1	160.1	--	73.7	73.4	70.3	70.7	--
Automatic environmental controls	334512	25.0	25.0	22.8	22.7	--	--	--	--	--	--
Industrial process variable instruments	334513	60.5	60.1	61.0	61.0	--	35.0	35.1	37.2	37.3	--
Electricity and signal testing instruments	334515	41.3	41.1	41.7	41.9	--	18.9	18.4	16.9	17.2	--

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods—Continued											
Irradiation apparatus	334517	11.5	11.5	11.3	11.0	--	4.1	4.1	4.1	3.8	--
Miscellaneous electronic instruments	334514,6,8,9	82.5	82.7	79.6	80.2	--	46.0	46.0	41.2	42.0	--
Magnetic media manufacturing and reproduction	3346	40.8	40.9	35.5	35.2	--	--	--	--	--	--
Electrical equipment and appliances	335	435.8	433.3	435.2	433.5	433.5	306.8	304.0	312.1	311.5	312.2
Electric lighting equipment	3351	58.2	57.9	56.1	55.4	--	40.7	40.2	40.7	39.8	--
Electric lamp bulbs and parts	33511	11.2	11.0	10.2	9.5	--	8.2	8.0	8.0	7.6	--
Lighting fixtures	33512	47.0	46.9	45.9	45.9	--	32.5	32.2	32.7	32.2	--
Household appliances	3352	81.6	79.6	84.8	84.1	--	64.3	61.2	63.4	63.4	--
Small electrical appliances	33521	17.3	17.1	16.5	15.8	--	--	--	--	--	--
Electric housewares and household fans	335211	11.9	11.7	12.0	11.6	--	--	--	--	--	--
Major appliances	33522	64.3	62.5	68.3	68.3	--	--	--	--	--	--
Household refrigerators and home freezers	335222	17.1	14.6	17.5	17.4	--	--	--	--	--	--
Electrical equipment	3353	155.7	156.3	156.0	156.2	--	98.8	99.8	106.2	106.7	--
Electric power and specialty transformers	335311	28.6	28.5	28.4	28.4	--	--	--	--	--	--
Motors and generators	335312	49.4	50.0	49.1	49.0	--	34.7	34.9	34.9	34.8	--
Switchgear and switchboard apparatus	335313	30.8	31.1	32.9	32.8	--	19.6	20.0	23.3	23.4	--
Relays and industrial controls	335314	46.9	46.7	45.6	46.0	--	25.3	25.8	28.0	28.6	--
Other electrical equipment and components	3359	140.3	139.5	138.3	137.8	--	103.0	102.8	101.8	101.6	--
Batteries	33591	27.6	28.2	29.2	29.3	--	--	--	--	--	--
Communication and energy wires and cables	33592	20.6	20.3	20.0	19.8	--	--	--	--	--	--
Wiring devices	33593	54.2	53.9	53.4	52.8	--	40.3	40.1	39.7	39.3	--
Current-carrying wiring devices	335931	41.5	41.2	40.5	39.8	--	30.2	29.9	28.9	28.5	--
All other electrical equipment and components	33599	37.9	37.1	35.7	35.9	--	27.1	26.6	24.8	25.0	--
Transportation equipment	336	1,749.3	1,746.0	1,705.9	1,681.1	1,691.1	1,288.4	1,288.1	1,283.2	1,258.5	1,270.9
Motor vehicles and parts	3361,2,3	1,047.8	1,047.0	1,002.7	975.7	982.4	847.3	846.6	815.9	788.5	796.6
Motor vehicles	3361	226.9	229.3	228.7	213.3	--	181.4	183.5	185.4	169.6	--
Automobiles and light trucks	33611	193.1	195.6	190.0	175.7	--	155.1	157.4	155.6	142.1	--
Automobiles	336111	132.2	130.6	131.0	125.9	--	101.4	100.2	104.7	99.7	--
Light trucks and utility vehicles	336112	60.9	65.0	59.0	49.8	--	53.7	57.2	50.9	42.4	--
Heavy duty trucks	33612	33.8	33.7	38.7	37.6	--	26.3	26.1	29.8	27.5	--
Motor vehicle bodies and trailers	3362	178.9	178.0	165.4	162.4	--	147.2	146.1	139.2	135.5	--
Motor vehicle bodies	336211	67.2	67.5	62.1	62.1	--	54.4	55.0	50.4	50.4	--
Truck trailers	336212	40.8	40.2	36.6	35.5	--	33.3	32.6	30.4	29.0	--
Motor homes, travel trailers, and campers	336213,4	70.9	70.3	66.7	64.8	--	59.5	58.5	58.4	56.1	--
Motor vehicle parts	3363	642.0	639.7	608.6	600.0	--	518.7	517.0	491.3	483.4	--
Motor vehicle gasoline engine and parts	33631	69.6	68.2	60.7	60.2	--	57.1	55.8	49.8	49.5	--
Carburetors, pistons, rings, and valves	336311	12.9	12.0	10.6	9.7	--	--	--	--	--	--
Gasoline engine and engine parts	336312	56.7	56.2	50.1	50.5	--	46.7	46.2	40.7	41.1	--
Motor vehicle electric equipment	33632	90.5	90.8	82.5	81.0	--	76.3	76.8	68.2	66.9	--
Vehicular lighting equipment	336321	15.7	15.7	13.7	13.6	--	--	--	--	--	--
Other motor vehicle electric equipment	336322	74.8	75.1	68.8	67.4	--	64.4	65.0	57.7	56.6	--
Motor vehicle steering and suspension parts	33633	40.8	40.7	37.0	35.9	--	35.6	35.5	31.7	30.8	--
Motor vehicle brake systems	33634	41.7	40.8	38.6	38.1	--	--	--	--	--	--
Motor vehicle power train components	33635	80.5	80.2	78.2	76.0	--	66.0	65.7	65.1	63.3	--
Motor vehicle seating and interior trim	33636	60.3	60.0	60.8	62.2	--	--	--	--	--	--
Motor vehicle metal stamping	33637	93.7	95.1	92.5	90.2	--	77.5	78.8	78.9	76.7	--
Other motor vehicle parts	33639	164.9	163.9	158.3	156.4	--	126.5	126.0	120.5	119.1	--
Aerospace products and parts	3364	477.2	475.0	482.1	483.6	--	262.1	263.0	292.1	294.7	--
Aircraft	336411	223.5	222.2	224.9	225.8	--	102.5	101.9	111.3	112.3	--
Aircraft engines and engine parts	336412	85.0	84.9	86.5	86.8	--	56.6	57.3	65.0	65.8	--
Other aircraft parts and equipment	336413	93.6	93.7	97.3	97.6	--	60.9	61.0	68.8	69.5	--
Guided missiles, space vehicles, and parts	336414,5,9	75.1	74.2	73.4	73.4	--	--	--	--	--	--

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods—Continued											
Railroad rolling stock	3365	28.7	29.4	26.5	25.8	--	--	--	--	--	--
Ship and boat building	3366	155.9	156.0	156.1	157.3	--	127.1	127.0	126.8	127.4	--
Ship building and repairing	336611	94.0	95.1	96.6	97.7	--	74.6	75.4	76.9	78.0	--
Boat building	336612	61.9	60.9	59.5	59.6	--	52.5	51.6	49.9	49.4	--
Other transportation equipment	3369	39.7	38.6	38.5	38.7	--	--	--	--	--	--
Furniture and related products	337	548.7	540.0	525.6	522.2	522.8	422.9	417.3	405.3	402.1	402.9
Household and institutional furniture	3371	367.9	363.6	348.8	348.0	--	292.9	290.1	276.2	273.1	--
Wood kitchen cabinets and countertops	33711	176.5	174.2	166.3	164.9	--	139.4	138.7	130.8	128.8	--
Other household and institutional furniture	33712	191.4	189.4	182.5	181.1	--	153.5	151.4	145.4	144.3	--
Upholstered household furniture	337121	80.9	78.6	75.8	74.9	--	67.1	65.2	61.5	60.5	--
Nonupholstered wood household furniture	337122	66.8	67.3	62.9	62.1	--	53.2	53.5	49.9	49.5	--
Miscellaneous household and institutional furniture	337124,5,7,9	43.7	43.5	43.8	44.1	--	33.2	32.7	34.0	34.3	--
Office furniture and fixtures	3372	131.5	127.8	128.2	127.8	--	94.2	91.5	92.1	91.9	--
Wood office furniture and custom architectural woodwork and millwork	337211,2	43.3	42.2	45.6	45.6	--	30.8	29.8	32.4	32.5	--
Office furniture, except wood	337214	27.1	26.5	24.3	24.9	--	--	--	--	--	--
Showcases, partitions, shelving, and lockers	337215	61.1	59.1	58.3	57.3	--	47.0	45.7	43.9	42.7	--
Other furniture-related products	3379	49.3	48.6	48.6	48.4	--	35.8	35.7	37.0	37.1	--
Miscellaneous manufacturing	339	655.7	660.9	651.5	653.3	657.5	432.6	436.3	431.2	432.0	438.4
Medical equipment and supplies	3391	309.7	311.0	314.8	312.8	--	193.5	194.1	199.1	197.0	--
Surgical and medical instruments	339112	110.8	111.7	117.1	115.7	--	63.6	62.9	65.2	63.7	--
Surgical appliances and supplies	339113	88.1	88.6	87.9	88.5	--	52.6	53.2	56.7	55.4	--
Dental laboratories	339116	49.7	49.5	48.5	47.5	--	38.7	38.9	37.0	36.3	--
Other miscellaneous manufacturing	3399	346.0	349.9	336.7	340.5	--	239.1	242.2	232.1	235.0	--
Jewelry and silverware	33991	41.2	42.1	39.0	39.8	--	29.2	30.0	29.5	30.3	--
Sporting and athletic goods	33992	53.8	53.7	53.9	54.2	--	37.0	36.5	35.8	35.9	--
Dolls, toys, and games	33993	17.2	16.9	17.4	16.8	--	--	--	--	--	--
Office supplies, except paper	33994	19.2	18.2	16.9	16.8	--	11.6	10.9	10.6	10.8	--
Signs	33995	79.1	81.9	78.1	79.4	--	52.4	55.2	52.2	53.5	--
All other miscellaneous manufacturing	33999	135.5	137.1	131.4	133.5	--	98.7	100.0	94.5	95.8	--
Nondurable goods		5,198	5,183	5,172	5,144	5,117	3,803	3,786	3,816	3,786	3,763
Food manufacturing	311	1,511.5	1,505.8	1,530.4	1,521.8	1,504.1	1,205.8	1,199.1	1,226.1	1,214.0	1,201.2
Animal food	3111	51.8	52.2	53.8	54.4	--	34.4	34.6	37.8	37.8	--
Grain and oilseed milling	3112	61.9	61.8	61.5	61.1	--	43.1	43.6	48.3	48.2	--
Flour milling, malt, starch, and vegetable oil	31121,2	45.2	45.0	44.7	44.3	--	--	--	--	--	--
Breakfast cereal	31123	16.7	16.8	16.8	16.8	--	--	--	--	--	--
Sugar and confectionery products	3113	80.0	79.9	76.2	81.3	--	60.5	58.8	56.8	60.5	--
Sugar	31131	17.9	15.8	16.7	20.7	--	15.5	10.8	12.1	15.9	--
Chocolate confectioneries	31132,3	44.1	46.2	42.0	42.0	--	33.6	36.4	31.1	30.9	--
Fruit and vegetable preserving and specialty	3114	190.3	177.8	195.5	180.7	--	159.5	146.7	162.2	148.9	--
Frozen food	31141	93.8	89.4	93.2	92.2	--	79.5	74.3	76.4	76.4	--
Frozen fruits and vegetables	311411	35.4	30.4	34.4	32.1	--	31.4	25.9	29.0	27.9	--
Frozen specialty food	311412	58.4	59.0	58.8	60.1	--	48.1	48.4	47.4	48.5	--
Fruit and vegetable canning and drying	31142	96.5	88.4	102.3	88.5	--	80.0	72.4	85.8	72.5	--
Fruit, vegetable, and specialty canning	311421,2	84.2	76.7	91.0	77.7	--	--	--	--	--	--
Dried and dehydrated food	311423	12.3	11.7	11.3	10.8	--	10.8	10.2	9.8	9.3	--
Dairy products	3115	131.8	131.2	132.0	129.5	--	93.5	93.2	95.6	94.3	--
Dairy products, except frozen	31151	108.7	109.5	106.2	105.2	--	78.4	78.7	78.6	78.4	--
Fluid milk	311511	53.7	54.1	51.1	49.9	--	35.8	36.0	33.1	32.1	--
Ice cream and frozen desserts	31152	23.1	21.7	25.8	24.3	--	--	--	--	--	--
Animal slaughtering and processing	3116	513.3	517.9	520.7	524.7	--	446.8	452.1	452.9	455.3	--
Animal, except poultry, slaughtering	311611	152.4	156.5	155.0	156.7	--	134.1	138.6	135.0	136.5	--
Meat processed from carcasses, and rendering and meat by product processing	311612,3	118.5	118.1	121.4	121.4	--	97.2	97.0	99.9	99.5	--
Poultry processing	311615	242.4	243.3	244.3	246.6	--	215.5	216.5	218.0	219.3	--
Seafood product preparation and packaging	3117	37.4	36.6	45.2	40.7	--	29.9	29.0	37.2	33.1	--

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Nondurable goods-Continued											
Commercial flexographic printing	323112	38.4	39.2	38.0	37.8	--	25.9	26.0	25.3	25.1	--
Commercial screen printing	323113	66.7	66.6	67.4	68.7	--	46.4	46.6	47.3	48.4	--
Quick printing	323114	67.1	67.8	65.3	64.9	--	48.4	48.5	48.3	47.9	--
Manifold business forms printing	323116	35.7	35.6	34.8	34.7	--	22.8	23.1	23.4	23.4	--
Commercial gravure and misc. commercial printing	323111,5,7,8,9	125.9	128.9	131.1	131.5	--	91.9	94.2	95.3	94.6	--
Support activities for printing	32312	53.2	52.5	53.6	52.8	--	38.7	37.6	38.4	37.9	--
Petroleum and coal products	324	118.3	116.2	118.9	117.9	116.0	72.7	70.8	78.3	78.7	78.1
Petroleum refineries	32411	70.3	70.4	73.8	74.2	--	40.2	40.2	46.6	48.1	--
Asphalt paving and roofing materials and other petroleum and coal products	32412,9	48.0	45.8	45.1	43.7	--	32.5	30.6	31.7	30.6	--
Chemicals	325	869.8	869.5	876.9	870.6	868.2	505.1	501.9	516.0	510.5	512.6
Basic chemicals	3251	148.5	148.4	152.1	151.0	--	84.8	85.1	89.3	89.0	--
Petrochemicals and industrial gases	32511,2	47.5	47.3	48.4	48.2	--	--	--	--	--	--
Synthetic dyes and pigments	32513	16.9	16.6	16.1	16.1	--	--	--	--	--	--
Other basic inorganic chemicals	32518	42.1	42.4	42.6	42.3	--	22.3	22.5	23.6	23.0	--
Other basic organic chemicals	32519	42.0	42.1	45.0	44.4	--	--	--	--	--	--
Resin, rubber, and artificial fibers	3252	104.8	105.3	105.8	106.1	--	70.8	70.9	69.0	68.5	--
Resin and synthetic rubber	32521	74.1	74.5	75.7	76.0	--	46.5	46.6	46.8	46.7	--
Plastics material and resin	325211	60.4	60.5	60.7	60.9	--	38.3	38.2	37.6	37.5	--
Synthetic rubber	325212	13.7	14.0	15.0	15.1	--	--	--	--	--	--
Agricultural chemicals	3253	37.0	37.0	37.8	37.2	--	27.5	26.5	25.4	25.2	--
Pharmaceuticals and medicines	3254	292.8	296.1	299.0	298.0	--	146.1	147.3	160.0	159.1	--
Pharmaceutical preparations	325412	230.5	233.0	234.2	232.6	--	116.4	116.7	128.0	126.6	--
Miscellaneous medicinal and biological products	325411,3,4	62.3	63.1	64.8	65.4	--	29.7	30.6	32.0	32.5	--
Paints, coatings, and adhesives	3255	67.0	66.4	69.4	68.1	--	40.0	39.1	41.0	40.4	--
Paints and coatings	32551	44.6	44.3	44.3	43.6	--	25.4	24.7	23.2	22.9	--
Soaps, cleaning compounds, and toiletries	3256	113.6	111.9	114.0	113.1	--	71.1	69.3	71.5	69.9	--
Soaps and cleaning compounds	32561	58.2	58.2	59.6	59.7	--	33.9	33.7	36.2	36.4	--
Polishes and other sanitation goods and surface active agents	325612,3	32.8	32.8	33.3	33.5	--	16.7	16.8	17.7	17.6	--
Toilet preparations	32562	55.4	53.7	54.4	53.4	--	37.2	35.6	35.3	33.5	--
Other chemical products and preparations	3259	106.1	104.4	98.8	97.1	--	64.8	63.7	59.8	58.4	--
Plastics and rubber products	326	784.5	784.1	788.0	784.5	784.4	605.7	605.1	615.5	613.7	613.4
Plastics products	3261	636.2	636.0	631.4	626.8	--	492.9	492.3	492.1	489.3	--
Plastics packaging materials, film, and sheet	32611	87.5	87.8	85.3	83.9	--	66.5	67.1	68.0	66.8	--
Nonpackaging plastics film and sheet	326113	49.2	49.0	46.4	45.3	--	35.4	35.8	37.1	36.3	--
Plastics pipe, fittings, and profile shapes	32612	61.4	61.1	57.0	57.0	--	47.5	47.1	43.7	43.5	--
Unlaminated plastics profile shapes	326121	26.8	26.4	23.6	23.3	--	20.1	19.7	16.5	16.1	--
Plastics pipe and pipe fittings	326122	34.6	34.7	33.4	33.7	--	27.4	27.4	27.2	27.4	--
Foam products	32614,5	64.3	64.5	63.4	62.9	--	51.3	51.3	50.5	50.7	--
Plastics bottles and laminated plastics plate, sheet, and shapes	32613,6	52.9	52.9	52.8	53.0	--	40.9	40.9	42.0	42.5	--
Other plastics products	32619	370.1	369.7	372.9	370.0	--	286.7	285.9	287.9	285.8	--
Rubber products	3262	148.3	148.1	156.6	157.7	--	112.8	112.8	123.4	124.4	--
Tires	32621	51.6	51.8	61.0	61.7	--	--	--	--	--	--
Rubber and plastics hose and belting	32622	28.4	28.7	28.4	28.3	--	--	--	--	--	--
Other rubber products	32629	68.3	67.6	67.2	67.7	--	52.1	51.4	51.4	51.6	--
Rubber products for mechanical use	326291	41.0	40.3	40.5	40.8	--	31.3	30.6	30.9	31.3	--
All other rubber products	326299	27.3	27.3	26.7	26.9	--	20.8	20.8	20.5	20.3	--
Service-providing		114,836	115,429	115,838	116,740	117,164	--	--	--	--	--
Private service-providing		92,382	92,836	93,730	94,068	94,346	77,636	78,097	79,057	79,375	79,655
Trade, transportation, and utilities		26,325	26,773	26,451	26,566	27,007	22,216	22,662	22,400	22,529	22,952
Wholesale trade	42	5,925.8	5,937.4	6,034.9	6,055.1	6,055.4	4,743.2	4,760.3	4,888.1	4,909.6	4,911.5
Durable goods	423	3,093.5	3,093.0	3,147.5	3,157.3	3,162.1	2,485.2	2,488.5	2,559.3	2,567.0	--
Motor vehicles and parts	4231	351.5	352.2	354.5	353.3	--	289.9	291.0	295.7	295.9	--
Motor vehicles	42311	131.3	132.3	133.9	133.4	--	111.7	113.1	115.2	114.8	--
New motor vehicle parts	42312	172.7	172.8	171.4	170.4	--	139.5	139.5	140.6	139.6	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Retail trade-Continued											
Children's and infants' clothing stores	44813	78.8	85.9	73.8	77.6	--	--	--	--	--	--
Family clothing stores	44814	497.0	561.3	499.6	502.5	--	429.0	495.5	439.0	443.1	--
Clothing accessories stores	44815	48.3	49.3	46.9	50.5	--	38.8	40.5	39.0	42.7	--
Other clothing stores	44819	117.9	119.9	122.9	128.4	--	94.0	95.8	100.1	103.6	--
Shoe stores	4482	181.3	183.8	181.5	181.6	--	145.7	149.1	152.2	151.2	--
Jewelry, luggage, and leather goods stores	4483	166.1	171.6	163.7	163.7	--	133.3	138.2	132.0	131.7	--
Sporting goods, hobby, book, and music stores	451	640.2	689.1	665.4	667.5	714.2	525.5	574.6	553.2	553.1	--
Sporting goods and musical instrument stores	4511	453.9	494.7	460.6	471.0	--	370.8	412.1	380.0	388.8	--
Sporting goods stores	45111	228.1	236.8	229.7	232.3	--	189.9	199.5	195.4	198.2	--
Hobby, toy, and game stores	45112	140.7	171.2	148.5	158.0	--	109.4	140.1	116.0	123.9	--
Sewing, needlework, and piece goods stores	45113	52.5	53.5	50.3	51.4	--	44.7	45.7	43.0	43.8	--
Musical instrument and supplies stores	45114	32.6	33.2	32.1	29.3	--	--	--	--	--	--
Book, periodical, and music stores	4512	186.3	194.4	204.8	196.5	--	154.7	162.5	173.2	164.3	--
Book stores and news dealers	45121	150.0	154.1	173.1	164.4	--	124.7	128.7	147.1	138.1	--
Prerecorded tape, CD, and record stores	45122	36.3	40.3	31.7	32.1	--	30.0	33.8	26.1	26.2	--
General merchandise stores	452	2,894.4	3,065.7	2,854.8	2,898.3	3,054.7	2,673.4	2,843.5	2,628.8	2,673.7	--
Department stores	4521	1,540.9	1,675.0	1,511.1	1,542.9	1,663.2	--	--	--	--	--
Department stores, except discount	452111	655.7	735.7	631.5	647.9	--	--	--	--	--	--
Discount department stores	452112	885.2	939.3	879.6	895.0	--	--	--	--	--	--
Other general merchandise stores	4529	1,353.5	1,390.7	1,343.7	1,355.4	--	--	--	--	--	--
Warehouse clubs and supercenters	45291	1,022.4	1,044.6	1,022.2	1,026.3	--	--	--	--	--	--
All other general merchandise stores	45299	331.1	346.1	321.5	329.1	--	--	--	--	--	--
Miscellaneous store retailers	453	886.5	896.3	884.5	886.9	889.0	722.9	733.6	733.8	735.6	--
Florists	4531	93.2	94.7	92.2	93.4	--	78.3	80.0	80.4	80.6	--
Office supplies, stationery, and gift stores	4532	382.0	389.3	385.7	386.0	--	312.1	318.6	319.4	321.4	--
Office supplies and stationery stores	45321	176.3	181.0	187.4	184.9	--	142.4	145.7	152.4	150.9	--
Gift, novelty, and souvenir stores	45322	205.7	208.3	198.3	201.1	--	169.7	172.9	167.0	170.5	--
Used merchandise stores	4533	114.8	114.8	117.9	118.5	--	96.5	97.6	102.5	102.2	--
Other miscellaneous store retailers	4539	296.5	297.5	288.7	289.0	--	236.0	237.4	231.5	231.4	--
Pet and pet supplies stores	45391	93.6	95.1	100.5	101.0	--	80.2	82.1	85.2	85.8	--
Art dealers	45392	24.0	25.0	23.7	23.9	--	--	--	--	--	--
Manufactured and mobile home dealers	45393	23.4	22.5	21.5	21.4	--	--	--	--	--	--
All other miscellaneous store retailers	45399	155.5	154.9	143.0	142.7	--	119.9	118.7	109.5	109.8	--
Nonstore retailers	454	452.2	478.6	439.6	454.0	480.0	377.0	403.0	365.2	379.7	--
Electronic shopping and mail-order houses	4541	262.3	287.0	254.9	268.8	--	220.6	244.9	213.8	228.2	--
Electronic shopping and electronic auctions	454111,2	78.2	81.2	83.1	84.9	--	--	--	--	--	--
Mail-order houses	454113	184.1	205.8	171.8	183.9	--	159.6	180.3	145.7	158.6	--
Vending machine operators	4542	47.8	47.4	46.5	46.1	--	--	--	--	--	--
Direct selling establishments	4543	142.1	144.2	138.2	139.1	--	116.6	118.8	113.5	114.0	--
Fuel dealers	45431	89.0	89.9	84.5	85.3	--	73.2	74.3	68.8	69.4	--
Heating oil dealers	454311	45.6	46.5	43.1	43.5	--	37.4	38.5	34.7	34.6	--
Liquefied petroleum gas, bottled gas, and other fuel dealers	454312,9	43.4	43.4	41.4	41.8	--	35.8	35.8	34.1	34.8	--
Other direct selling establishments	45439	53.1	54.3	53.7	53.8	--	--	--	--	--	--
Transportation and warehousing	48,49	4,534.7	4,552.8	4,578.3	4,586.5	4,604.1	3,956.8	3,964.3	3,974.1	3,990.9	4,006.2
Air transportation	481	489.4	483.7	497.2	496.2	499.0	--	--	--	--	--
Scheduled air transportation	4811	442.6	438.3	448.6	447.8	--	--	--	--	--	--
Nonscheduled air transportation	4812	46.8	45.4	48.6	48.4	--	--	--	--	--	--
Rail transportation	482	225.2	225.5	228.2	228.1	227.9	--	--	--	--	--
Water transportation	483	66.0	64.9	72.2	70.4	68.2	--	--	--	--	--
Sea, coastal, and Great Lakes transportation	4831	42.6	41.7	47.6	46.3	--	--	--	--	--	--
Truck transportation	484	1,465.5	1,458.8	1,464.1	1,456.4	1,448.4	1,288.8	1,281.3	1,293.9	1,286.9	--

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Transportation and warehousing-Continued											
General freight trucking	4841	1,020.4	1,017.7	1,006.9	1,007.4	--	905.0	901.3	895.5	896.8	--
General freight trucking, local	48411	240.9	237.2	237.5	235.6	--	209.0	205.5	205.1	203.6	--
General freight trucking, long-distance	48412	779.5	780.5	769.4	771.8	--	696.0	695.8	690.4	693.2	--
General freight trucking, long-distance TL	484121	541.1	542.9	539.9	541.8	--	488.2	489.6	486.9	489.3	--
General freight trucking, long-distance LTL	484122	238.4	237.6	229.5	230.0	--	207.8	206.2	203.5	203.9	--
Specialized freight trucking	4842	445.1	441.1	457.2	449.0	--	383.8	380.0	398.4	390.1	--
Used household and office goods moving	48421	102.2	101.0	106.1	100.6	--	85.4	84.3	88.3	82.9	--
Other specialized trucking, local	48422	219.5	216.2	223.3	219.8	--	190.9	187.5	195.3	191.7	--
Other specialized trucking, long-distance	48423	123.4	123.9	127.8	128.6	--	107.5	108.2	114.8	115.5	--
Transit and ground passenger transportation	485	405.3	408.8	411.6	416.5	413.3	371.6	375.4	371.7	377.2	--
Urban transit systems	4851	40.0	39.6	38.3	37.4	--	36.6	36.1	35.5	34.5	--
Interurban and rural bus transportation	4852	19.3	19.4	19.7	20.0	--	--	--	--	--	--
Taxi and limousine service	4853	71.3	72.7	75.0	74.8	--	--	--	--	--	--
Taxi service	48531	30.5	32.1	32.8	32.3	--	--	--	--	--	--
Limousine service	48532	40.8	40.6	42.2	42.5	--	--	--	--	--	--
School and employee bus transportation	4854	181.0	180.9	183.2	187.6	--	170.1	171.3	169.2	173.8	--
Charter bus industry	4855	28.9	30.6	28.8	29.3	--	--	--	--	--	--
Other ground passenger transportation	4859	64.8	65.6	66.6	67.4	--	58.1	58.5	57.0	58.1	--
Pipeline transportation	486	39.7	39.6	40.7	41.3	41.6	32.7	32.6	33.0	33.2	--
Scenic and sightseeing transportation	487	27.4	25.0	32.6	29.2	26.4	22.6	20.3	28.7	25.7	--
Support activities for transportation	488	573.6	576.5	585.9	590.2	593.7	480.6	484.0	486.9	493.2	--
Support activities for air transportation	4881	153.5	153.3	162.0	164.0	--	134.1	134.6	140.5	142.8	--
Airport operations	48811	66.4	64.9	68.6	69.3	--	58.6	57.4	60.4	61.0	--
Support activities for water transportation	4883	101.8	103.3	101.5	103.5	--	91.4	92.4	86.0	89.1	--
Port and harbor operations	48831	24.7	24.7	23.3	23.9	--	23.0	23.1	21.8	22.4	--
Marine cargo handling	48832	46.3	48.9	47.5	48.0	--	44.1	46.1	41.3	42.6	--
Navigational services and other water transportation support activities	48833,9	30.8	29.7	30.7	31.6	--	--	--	--	--	--
Support activities for road transportation	4884	80.7	80.8	82.3	82.5	--	67.1	67.5	68.5	68.9	--
Motor vehicle towing	48841	47.1	46.8	48.4	48.9	--	--	--	--	--	--
Freight transportation arrangement	4885	181.2	181.8	182.3	183.3	--	138.9	139.6	142.3	143.3	--
Support activities for other transportation, including rail	4882,9	56.4	57.3	57.8	56.9	--	49.1	49.9	49.6	49.1	--
Couriers and messengers	492	590.7	611.1	585.2	587.8	611.0	512.2	522.7	481.6	487.4	--
Couriers	4921	538.6	559.1	531.9	534.4	--	470.7	481.1	441.1	446.6	--
Local messengers and local delivery	4922	52.1	52.0	53.3	53.4	--	--	--	--	--	--
Warehousing and storage	493	651.9	658.9	660.6	670.4	674.6	570.6	576.5	577.8	588.7	--
General warehousing and storage	49311	546.7	552.8	552.7	560.8	--	478.9	484.2	486.0	495.2	--
Refrigerated warehousing and storage	49312	49.3	48.8	49.8	50.2	--	43.3	42.8	43.7	43.8	--
Miscellaneous warehousing and storage	49313,9	55.9	57.3	58.1	59.4	--	48.4	49.5	48.1	49.7	--
Utilities	22	546.3	547.0	554.9	556.3	555.5	441.1	441.2	444.1	445.0	443.9
Power generation and supply	2211	396.5	396.7	401.8	402.2	--	316.5	316.8	318.1	318.6	--
Electric power generation	22111	238.4	238.2	243.9	244.7	--	185.2	185.3	187.8	188.5	--
Hydroelectric power generation	221111	40.2	40.2	41.6	41.7	--	--	--	--	--	--
Fossil fuel electric power generation	221112	136.6	137.0	140.2	140.8	--	101.8	102.1	102.9	103.5	--
Nuclear and other electric power generation	221113,9	61.6	61.0	62.1	62.2	--	--	--	--	--	--
Electric power transmission and distribution	22112	158.1	158.5	157.9	157.5	--	131.3	131.5	130.3	130.1	--
Electric bulk power transmission and control	221121	25.7	25.8	24.5	24.4	--	20.8	20.9	19.1	19.0	--
Electric power distribution	221122	132.4	132.7	133.4	133.1	--	110.5	110.6	111.2	111.1	--
Natural gas distribution	2212	105.0	105.2	105.9	105.6	--	89.2	88.7	88.4	87.6	--
Water, sewage and other systems	2213	44.8	45.1	47.2	48.5	--	35.4	35.7	37.6	38.8	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Information		3,046	3,065	3,077	3,080	3,089	2,406	2,425	2,438	2,445	2,458
Publishing industries, except Internet	511	902.2	907.2	897.5	900.4	901.6	694.9	702.8	700.6	704.0	--
Newspaper, book, and directory publishers	5111	657.3	660.0	644.3	647.6	--	503.0	508.2	501.5	504.5	--
Newspaper publishers	51111	358.9	359.5	344.0	345.9	--	277.7	279.8	273.0	274.7	--
Periodical publishers	51112	144.0	144.8	144.5	145.3	--	107.4	108.8	108.5	109.9	--
Book publishers	51113	82.3	83.0	80.9	81.3	--	62.0	62.8	60.6	60.4	--
Directory and mailing list publishers	51114	45.5	45.5	47.3	47.4	--	--	--	--	--	--
Other publishers	51119	26.6	27.2	27.6	27.7	--	--	--	--	--	--
Software publishers	5112	244.9	247.2	253.2	252.8	--	191.9	194.6	199.1	199.5	--
Motion picture and sound recording industries	512	367.8	373.5	380.7	376.2	372.9	280.0	284.0	281.1	278.9	--
Motion picture and video industries	5121	347.2	353.4	361.4	356.5	--	267.1	271.7	268.6	266.0	--
Motion picture and video production	51211	194.4	194.5	202.6	199.5	--	135.3	134.9	133.9	133.7	--
Motion picture and video exhibition	51213	123.8	130.4	130.3	128.1	--	109.1	115.3	114.3	111.6	--
Miscellaneous motion picture and video industries	51212,9	29.0	28.5	28.5	28.9	--	--	--	--	--	--
Sound recording industries	5122	20.6	20.1	19.3	19.7	--	--	--	--	--	--
Broadcasting, except Internet	515	332.9	334.9	338.2	335.4	339.4	257.9	259.4	261.4	260.5	--
Radio and television broadcasting	5151	242.5	244.1	244.1	242.3	--	193.8	195.7	196.2	195.8	--
Radio broadcasting	51511	113.5	114.5	115.5	114.6	--	91.8	93.3	94.3	93.8	--
Television broadcasting	51512	129.0	129.6	128.6	127.7	--	102.0	102.4	101.9	102.0	--
Cable and other subscription programming	5152	90.4	90.8	94.1	93.1	--	--	--	--	--	--
Internet publishing and broadcasting	516	35.7	36.3	43.8	44.8	45.2	--	--	--	--	--
Telecommunications	517	974.1	975.8	969.6	971.8	978.4	802.7	803.3	799.2	799.6	--
Wired telecommunications carriers	5171	468.0	467.0	447.7	447.6	--	390.1	389.3	376.3	376.7	--
Wireless telecommunications carriers	5172	204.2	206.7	210.7	213.0	--	159.8	161.0	164.7	164.9	--
Cellular and other wireless carriers	517212	187.3	190.3	195.4	198.2	--	146.6	148.2	153.0	153.5	--
Telecommunications resellers	5173	130.4	129.1	127.0	127.0	--	108.6	108.5	106.6	105.8	--
Cable and other program distribution	5175	149.7	151.7	161.9	161.7	--	126.4	127.3	134.2	134.6	--
ISPs, search portals, and data processing	518	381.7	386.2	395.7	398.2	398.8	300.8	305.6	318.8	322.8	--
ISPs and web search portals	5181	122.6	122.8	131.0	131.1	--	92.8	92.7	100.3	101.0	--
Data processing and related services	5182	259.1	263.4	264.7	267.1	--	208.0	212.9	218.5	221.8	--
Other information services	519	51.4	51.4	51.8	53.0	52.4	42.1	41.9	41.6	43.4	--
Financial activities ²		8,404	8,416	8,432	8,434	8,404	6,356	6,375	6,443	6,443	6,417
Finance and insurance	52	6,218.8	6,229.6	6,222.8	6,234.1	6,227.4	4,641.7	4,659.8	4,691.7	4,703.7	--
Monetary authorities - central bank	521	21.7	21.8	21.6	21.5	21.5	--	--	--	--	--
Credit intermediation and related activities	522	2,951.1	2,957.2	2,896.1	2,897.7	2,886.5	2,156.4	2,170.4	2,139.9	2,139.3	--
Depository credit intermediation	5221	1,811.1	1,815.8	1,833.9	1,835.1	1,832.7	1,302.8	1,311.1	1,337.6	1,337.9	--
Commercial banking	52211	1,329.3	1,329.6	1,335.6	1,339.0	1,336.4	937.8	942.0	964.5	967.3	--
Savings institutions	52212	236.1	238.1	244.6	243.6	--	171.8	172.6	172.8	171.3	--
Credit unions and other depository credit intermediation	52213,9	245.7	248.1	253.7	252.5	--	193.2	196.5	200.3	199.3	--
Nondepository credit intermediation	5222	788.2	788.5	717.0	720.0	--	596.1	598.2	540.1	541.6	--
Credit card issuing	52221	117.6	118.1	118.5	119.3	--	77.1	79.1	88.8	89.1	--
Sales financing	52222	110.4	110.9	110.9	112.0	--	78.7	78.8	77.0	78.1	--
Other nondepository credit intermediation	52229	560.2	559.5	487.6	488.7	--	440.3	440.3	374.3	374.4	--
Consumer lending	522291	119.1	120.1	129.7	129.8	--	89.5	90.5	94.0	94.1	--
Real estate credit	522292	358.0	356.1	272.8	273.8	--	292.5	291.8	220.5	221.1	--
Miscellaneous nondepository credit intermediation	522293,4,8	83.1	83.3	85.1	85.1	--	58.3	58.0	59.8	59.2	--
Activities related to credit intermediation	5223	351.8	352.9	345.2	342.6	--	257.5	261.1	262.2	259.8	--
Mortgage and nonmortgage loan brokers	52231	146.7	145.1	130.3	127.7	--	115.3	114.5	103.9	100.6	--
Financial transaction processing and clearing	52232	101.4	102.9	111.1	109.6	--	--	--	--	--	--
Other credit intermediation activities	52239	103.7	104.9	103.8	105.3	--	73.7	75.4	79.3	81.2	--
Securities, commodity contracts, investments	523	829.3	831.8	848.6	853.7	856.8	565.0	567.3	592.4	600.2	--

See footnotes at the end of table.

B-12. Employees on nonfarm payrolls by detailed industry—Continued

(In thousands)

Industry	2002 Naics code	All Employees					Production Workers ¹				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Other services-Continued											
Social advocacy organizations	8133	179.6	181.6	190.9	193.3	--	144.0	145.9	150.9	153.0	--
Human rights organizations	813311	43.1	44.1	42.9	43.8	--	33.6	34.3	34.0	34.1	--
Environment, conservation, and other social advocacy organizations	813312,9	136.5	137.5	148.0	149.5	--	110.4	111.6	116.9	118.9	--
Civic and social organizations	8134	404.9	406.5	402.3	412.0	--	345.0	347.1	345.6	353.8	--
Professional and similar organizations	8139	503.3	498.1	499.1	499.6	--	378.2	375.4	386.4	387.2	--
Business associations	81391	126.3	126.8	127.8	127.9	--	89.5	90.8	94.3	94.5	--
Professional organizations	81392	69.2	69.4	70.2	70.5	--	48.8	49.9	51.3	51.8	--
Labor unions and similar labor organizations	81393	137.1	134.8	129.0	132.8	--	99.3	98.3	99.8	102.6	--
Miscellaneous professional and similar organizations	81394,9	170.7	167.1	172.1	168.4	--	140.6	136.4	141.0	138.3	--
Government		22,454	22,593	22,108	22,672	22,818	--	--	--	--	--
Federal		2,724.0	2,720.0	2,716.0	2,710.0	2,712.0	--	--	--	--	--
Federal, except U.S. Postal Service		1,955.0	1,948.1	1,955.3	1,951.1	1,947.9	--	--	--	--	--
Federal hospitals		256.0	256.9	264.6	266.8	--	--	--	--	--	--
Department of Defense		492.0	492.6	490.0	491.3	--	--	--	--	--	--
U.S. Postal Service ³		768.8	771.5	761.1	759.0	763.9	--	--	--	--	--
Other Federal government		1,181.0	1,173.4	1,179.7	1,172.5	--	--	--	--	--	--
State government		5,248.0	5,274.0	5,157.0	5,293.0	5,329.0	--	--	--	--	--
State government education		2,461.5	2,491.5	2,340.9	2,480.4	2,512.5	--	--	--	--	--
State government, excluding education		2,786.9	2,782.9	2,815.8	2,812.5	2,816.2	--	--	--	--	--
State hospitals		363.5	364.7	376.5	378.0	--	--	--	--	--	--
State government general administration		1,877.5	1,869.5	1,894.0	1,891.9	--	--	--	--	--	--
Other State government		545.9	548.7	545.3	542.6	--	--	--	--	--	--
Local government		14,482.0	14,599.0	14,235.0	14,669.0	14,777.0	--	--	--	--	--
Local government education		8,251.0	8,365.5	7,880.0	8,335.5	8,450.9	--	--	--	--	--
Local government, excluding education		6,231.0	6,233.9	6,354.5	6,333.6	6,325.8	--	--	--	--	--
Local government utilities		238.4	238.4	241.0	240.5	--	--	--	--	--	--
Local government transportation		258.2	258.8	261.6	262.2	--	--	--	--	--	--
Local hospitals		654.7	656.1	670.7	671.2	--	--	--	--	--	--
Local government general administration		4,053.1	4,065.4	4,137.5	4,116.8	--	--	--	--	--	--
Other local government		1,026.6	1,015.2	1,043.7	1,042.9	--	--	--	--	--	--

¹ Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

² Excludes nonoffice commissioned real estate sales agents.

³ Includes rural mail carries.

^P = preliminary.

-- Data not available.

NOTE: Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all unadjusted data from April 2006 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

B-13. Women employees on nonfarm payrolls by major industry sector and selected industry detail

(In thousands)

Industry	Sept. 2006	Oct. 2006	Aug. 2007	Sept. 2007	Oct. 2007 ^P
Total nonfarm	65,714	66,437	66,349	67,104	67,789
Total private	53,515	53,827	54,621	54,531	54,799
Goods-producing	5,125	5,120	5,144	5,126	5,112
Natural resources and mining ¹	83	85	98	99	100
Mining	76.2	78.0	90.5	91.6	92.6
Construction	960	961	962	958	962
Manufacturing	4,082	4,074	4,084	4,069	4,050
Durable goods	2,233	2,232	2,235	2,223	2,220
Nondurable goods	1,849	1,842	1,849	1,846	1,830
Service-providing	60,589	61,317	61,205	61,978	62,677
Private service-providing	48,390	48,707	49,477	49,405	49,687
Trade, transportation, and utilities	10,542	10,652	10,719	10,738	10,833
Wholesale trade	1,805.5	1,809.0	1,827.9	1,835.8	1,848.7
Retail trade	7,488.9	7,591.1	7,658.5	7,627.9	7,698.8
Transportation and warehousing	1,099.8	1,105.2	1,079.8	1,122.5	1,131.6
Utilities	147.4	146.8	152.6	151.3	154.3
Information	1,299	1,296	1,302	1,297	1,300
Financial activities	5,078	5,091	5,066	5,013	5,020
Finance and insurance	3,978.4	3,996.8	3,969.0	3,938.0	3,949.7
Real estate and rental and leasing	1,099.4	1,094.3	1,096.5	1,074.9	1,070.5
Professional and business services	7,805	7,890	8,030	8,036	8,083
Professional and technical services	3,462.7	3,498.1	3,604.9	3,606.0	3,631.8
Management of companies and enterprises	917.1	920.7	964.8	965.1	962.6
Administrative and waste services	3,425.1	3,471.1	3,460.1	3,464.7	3,488.1
Education and health services	13,806	14,003	14,027	14,238	14,453
Educational services	1,769.7	1,888.5	1,609.5	1,798.6	1,939.9
Health care and social assistance	12,036.5	12,114.9	12,417.1	12,439.4	12,513.3
Leisure and hospitality	7,057	6,963	7,469	7,248	7,160
Arts, entertainment, and recreation	941.1	899.1	1,050.2	962.5	922.7
Accommodations and food services	6,115.5	6,063.9	6,418.4	6,285.1	6,237.4
Other services	2,803	2,812	2,864	2,835	2,838
Government	12,199	12,610	11,728	12,573	12,990
Federal	1,199	1,193	1,200	1,188	1,188
State government	2,663	2,738	2,516	2,674	2,745
Local government	8,337	8,679	8,012	8,711	9,057

¹Includes other industries, not shown separately.

P= preliminary.

NOTE: Data are currently projected from March 2006 benchmark levels.

When more recent benchmark data are introduced with the release of January 2008 estimates, all unadjusted data from April 2006 forward are subject to revision.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry

(In thousands)

State and area	Total			Natural resources and mining			Construction		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Alabama	1,994.6	2,018.9	2,019.4	13.2	13.0	13.0	112.7	114.9	115.3
Anniston-Oxford	52.0	52.4	52.5	(1)	(1)	(1)	1.8	1.8	1.8
Auburn-Opelika	54.9	54.7	54.7	(1)	(1)	(1)	2.8	2.9	2.9
Birmingham-Hoover	532.5	535.7	536.7	3.2	2.8	2.8	35.4	35.7	35.7
Decatur	57.9	58.2	58.2	(1)	(1)	(1)	4.1	4.2	4.1
Dothan	63.0	63.0	63.1	(1)	(1)	(1)	3.8	4.1	4.2
Florence-Muscle Shoals	57.9	58.7	58.4	(1)	(1)	(1)	3.5	3.6	3.6
Gadsden	37.7	39.0	38.9	(1)	(1)	(1)	1.8	1.8	1.8
Huntsville	205.9	209.6	209.7	(1)	(1)	(1)	7.6	8.1	8.0
Mobile	181.6	184.5	184.8	(1)	(1)	(1)	14.9	15.0	15.6
Montgomery	178.3	181.6	181.7	(1)	(1)	(1)	8.7	9.0	9.0
Tuscaloosa	97.3	98.3	98.3	(1)	(1)	(1)	9.3	9.0	9.0
Alaska	313.3	333.0	316.5	13.1	14.2	14.2	19.7	20.5	19.0
Anchorage	167.9	172.6	169.5	2.5	2.6	2.6	12.2	12.6	11.7
Fairbanks	38.2	39.3	38.2	1.0	.9	.9	3.1	3.3	3.0
Arizona	2,692.7	2,732.5	2,737.5	10.4	12.1	12.2	254.6	239.9	235.8
Flagstaff	66.0	66.1	66.0	(1)	(1)	(1)	3.7	3.5	3.5
Phoenix-Mesa-Scottsdale	1,933.1	1,964.6	1,967.6	2.8	3.2	3.2	192.6	180.7	177.5
Prescott	65.3	67.0	66.8	(1)	(1)	(1)	9.3	9.1	8.9
Tucson	387.4	392.6	393.9	1.6	2.2	2.3	29.2	27.6	27.1
Yuma	51.7	51.4	52.4	(1)	(1)	(1)	5.3	4.5	4.5
Arkansas	1,210.3	1,216.7	1,215.4	7.9	9.3	9.4	58.1	58.3	57.2
Fayetteville-Springdale-Rogers	207.3	212.2	212.7	(1)	(1)	(1)	12.4	12.9	12.8
Fort Smith	124.3	126.5	126.2	(1)	(1)	(1)	8.2	8.5	8.3
Hot Springs	38.8	39.4	39.3	(1)	(1)	(1)	2.7	2.8	2.7
Jonesboro	49.8	49.8	50.0	(1)	(1)	(1)	2.0	2.0	2.0
Little Rock-North Little Rock-Conway	345.0	351.1	351.4	(1)	(1)	(1)	19.2	19.6	19.7
Pine Bluff	39.7	39.4	39.5	(1)	(1)	(1)	2.1	2.1	2.0
California	15,222.8	15,293.9	15,332.1	26.7	26.4	26.1	957.0	936.6	925.8
Bakersfield	236.7	238.9	241.4	9.6	9.5	9.6	20.0	20.3	20.4
Chico	76.9	78.7	78.4	(1)	(1)	(1)	4.4	4.4	4.2
El Centro	44.9	46.6	47.4	(1)	(1)	(1)	2.0	1.9	1.9
Fresno	304.3	308.8	309.9	.2	.2	.2	23.3	22.8	22.8
Hanford-Corcoran	34.4	36.6	35.7	(1)	(1)	(1)	1.5	1.4	1.4
Los Angeles-Long Beach-Santa Ana	5,653.0	5,668.7	5,683.1	4.6	4.6	4.6	267.8	261.7	259.5
Madera	36.2	36.5	36.5	(1)	(1)	(1)	2.9	2.9	2.8
Merced	60.5	61.0	60.7	(1)	(1)	(1)	3.5	3.3	3.4
Modesto	160.5	164.4	161.5	(1)	(1)	(1)	13.5	13.7	13.5
Napa	64.5	64.3	64.8	(1)	(1)	(1)	5.4	5.6	5.5
Oxnard-Thousand Oaks-Ventura	299.1	300.2	300.0	1.1	1.1	1.1	20.7	20.3	19.8
Redding	66.4	67.4	67.3	(1)	(1)	(1)	6.0	5.8	5.8
Riverside-San Bernardino-Ontario	1,279.6	1,319.3	1,322.2	1.4	1.3	1.3	129.1	134.1	131.2
Sacramento-Arden-Arcade-Roseville	905.7	913.9	914.8	.8	.8	.8	72.8	68.4	67.1
Salinas	127.9	129.2	128.9	.2	.2	.2	7.3	7.5	7.4
San Diego-Carlsbad-San Marcos	1,305.5	1,315.4	1,318.7	.5	.5	.5	91.8	88.1	87.1
San Francisco-Oakland-Fremont	2,029.1	2,045.5	2,052.1	1.5	1.6	1.7	120.9	113.9	113.3
San Jose-Sunnyvale-Santa Clara	903.2	906.9	914.2	.3	.2	.2	49.0	49.0	49.0
San Luis Obispo-Paso Robles	104.3	102.8	104.5	(1)	(1)	(1)	8.1	7.7	7.7
Santa Barbara-Santa Maria-Goleta	173.9	171.8	173.4	1.2	1.2	1.2	10.6	10.8	10.7
Santa Cruz-Watsonville	99.2	98.0	100.1	(1)	(1)	(1)	6.5	5.6	5.6
Santa Rosa-Petaluma	193.2	195.3	195.9	.2	.2	.2	15.7	16.7	16.6
Stockton	212.8	209.6	210.1	.2	.2	.2	16.1	15.3	15.0
Vallejo-Fairfield	132.2	134.3	135.1	.3	.3	.3	14.7	14.2	14.0
Visalia-Porterville	113.6	113.5	113.8	(1)	(1)	(1)	8.4	7.9	7.8
Yuba City	41.5	41.3	41.3	(1)	(1)	(1)	3.0	3.0	2.9
Colorado	2,294.4	2,341.7	2,341.6	22.1	25.9	26.3	170.6	170.6	169.0
Boulder	166.5	168.4	169.3	(1)	(1)	(1)	6.6	6.5	6.5
Colorado Springs	259.1	260.8	260.4	(1)	(1)	(1)	18.2	17.7	17.7
Denver-Aurora	1,225.1	1,243.2	1,244.2	(1)	(1)	(1)	95.2	93.5	92.3
Fort Collins-Loveland	135.7	139.1	139.4	(1)	(1)	(1)	10.8	11.0	10.9
Grand Junction	60.5	63.2	63.4	(1)	(1)	(1)	7.6	8.9	9.0
Greeley	81.2	82.4	83.0	(1)	(1)	(1)	10.7	11.2	11.1
Pueblo	57.4	59.5	59.7	(1)	(1)	(1)	4.1	4.7	4.6
Connecticut	1,692.5	1,704.1	1,712.9	.8	.8	.8	69.4	71.7	71.0
Bridgeport-Stamford-Norwalk	419.0	422.7	424.8	(1)	(1)	(1)	16.2	17.5	17.5
Danbury	69.5	69.8	70.1	(2)	(2)	(2)	(2)	(2)	(2)
Hartford-West Hartford-East Hartford	554.7	556.2	557.0	(1)	(1)	(1)	22.9	23.3	22.8
New Haven	279.0	277.5	277.9	(1)	(1)	(1)	11.8	12.1	12.1
Norwich-New London	135.8	137.4	137.0	(1)	(1)	(1)	4.5	4.8	4.7
Waterbury	69.3	69.8	69.1	(1)	(1)	(1)	2.9	3.0	3.0
Delaware	439.2	440.5	440.2	(1)	(1)	(1)	30.1	29.9	30.1
Dover	65.7	65.3	65.6	(1)	(1)	(1)	3.6	3.4	3.5
District of Columbia	690.0	698.0	700.3	(1)	(1)	(1)	12.9	13.0	12.8
Washington-Arlington-Alexandria	2,982.3	3,012.0	3,024.2	(1)	(1)	(1)	193.5	196.8	195.8

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Manufacturing			Trade, transportation, and utilities			Information		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Alabama	299.2	298.8	298.4	388.5	393.6	394.3	29.9	30.1	30.5
Anniston-Oxford	7.2	7.4	7.4	10.3	10.5	10.5	1.0	1.0	1.0
Auburn-Opelika	7.3	6.9	6.9	9.1	9.7	9.7	.5	.5	.5
Birmingham-Hoover	44.4	44.2	44.3	114.0	115.0	115.5	12.3	12.4	12.6
Decatur	13.2	12.9	12.9	10.7	10.8	10.8	.5	.5	.5
Dothan	7.9	7.3	7.3	15.6	15.6	15.7	.9	1.0	1.0
Florence-Muscle Shoals	7.4	7.5	7.4	11.4	11.6	11.6	.6	.6	.6
Gadsden	5.0	6.1	6.0	7.2	7.1	7.1	.6	.7	.7
Huntsville	32.7	32.9	32.9	31.8	31.9	32.1	2.4	2.5	2.8
Mobile	15.5	15.4	15.4	40.3	40.7	40.7	2.7	2.7	2.7
Montgomery	20.9	21.3	21.1	30.5	31.8	31.8	2.4	2.4	2.4
Tuscaloosa	15.3	15.4	15.4	15.2	15.2	15.3	1.0	1.0	1.0
Alaska	10.8	15.2	10.8	63.0	66.7	63.5	6.9	7.0	7.0
Anchorage	2.1	2.2	2.1	37.8	38.4	38.0	5.0	5.0	5.0
Fairbanks .....	.6	.7	.6	7.6	7.7	7.7	.6	.6	.6
Arizona	187.7	186.4	186.1	513.8	526.4	528.7	44.2	42.6	42.8
Flagstaff	3.7	3.8	3.8	9.9	10.3	10.3	.5	.4	.4
Phoenix-Mesa-Scottsdale	140.4	138.8	138.4	382.6	393.0	394.4	32.6	31.5	31.7
Prescott	3.9	3.8	3.7	12.3	12.7	12.7	.6	.6	.6
Tucson	29.2	29.1	29.2	62.1	64.1	64.5	6.8	5.7	5.7
Yuma	2.3	2.4	2.5	9.8	9.8	10.2	1.2	1.4	1.4
Arkansas	197.0	189.9	188.7	250.5	249.5	249.5	20.1	20.7	20.5
Fayetteville-Springdale-Rogers	32.7	32.7	32.6	48.8	50.2	50.1	2.5	2.5	2.5
Fort Smith	28.4	27.8	27.4	24.5	25.1	25.1	1.5	1.5	1.5
Hot Springs	3.5	3.0	3.0	7.6	7.5	7.5	(²)	(²)	(²)
Jonesboro	8.0	7.4	7.4	10.0	10.0	10.0	.7	.7	.7
Little Rock-North Little Rock-Conway	25.2	24.3	24.2	71.2	72.3	72.7	9.7	9.8	9.7
Pine Bluff	6.6	6.6	6.5	7.0	6.9	6.9	.2	.2	.3
California	1,509.2	1,511.7	1,497.4	2,898.8	2,899.6	2,911.2	469.9	478.3	472.0
Bakersfield	13.3	13.5	13.5	46.6	47.1	47.3	2.6	2.4	2.5
Chico	4.3	5.0	4.4	14.6	14.9	14.9	1.2	1.2	1.2
El Centro	2.4	2.5	2.4	11.0	11.8	12.0	.4	.4	.4
Fresno	27.8	29.9	28.1	59.2	60.9	61.2	4.1	4.0	4.1
Hanford-Corcoran	3.7	5.1	4.0	5.5	5.5	5.5	.3	.3	.3
Los Angeles-Long Beach-Santa Ana	644.0	637.9	635.7	1,091.8	1,086.4	1,092.3	238.2	250.9	242.0
Madera	3.4	3.3	3.2	5.6	5.7	5.7	.5	.5	.5
Merced	11.0	11.2	10.5	11.4	11.1	11.1	1.4	1.4	1.4
Modesto	21.7	25.7	22.1	33.7	33.5	33.9	2.3	2.3	2.3
Napa	12.0	12.3	12.3	9.0	9.2	9.2	.7	.7	.7
Oxnard-Thousand Oaks-Ventura	38.3	37.6	37.4	55.8	57.0	57.1	6.0	5.8	5.8
Redding	3.1	3.3	3.3	14.7	14.8	15.0	1.0	1.0	1.0
Riverside-San Bernardino-Ontario	124.0	126.8	126.7	291.1	301.1	301.8	15.3	15.7	15.9
Sacramento-Arden-Arcade-Roseville	49.6	50.3	49.6	154.4	155.3	156.3	19.8	19.8	19.8
Salinas	6.1	5.9	5.9	25.1	25.2	25.1	2.2	2.2	2.2
San Diego-Carlsbad-San Marcos	103.1	102.7	102.8	220.9	222.3	224.7	37.1	38.0	38.2
San Francisco-Oakland-Fremont	141.4	143.4	143.5	358.6	361.5	362.0	67.5	67.4	67.4
San Jose-Sunnyvale-Santa Clara	171.7	173.1	172.7	136.7	136.6	136.8	39.2	40.5	40.7
San Luis Obispo-Paso Robles	6.5	6.0	6.1	20.9	20.7	20.7	1.8	1.9	1.8
Santa Barbara-Santa Maria-Goleta	13.8	13.5	13.4	28.7	28.4	28.5	4.0	3.9	3.9
Santa Cruz-Watsonville	6.9	6.0	6.3	18.6	18.9	18.9	1.5	1.4	1.4
Santa Rosa-Petaluma	23.9	24.3	24.1	35.3	36.3	36.4	3.3	3.4	3.3
Stockton	22.8	22.4	22.5	51.6	51.1	51.2	2.5	2.5	2.5
Vallejo-Fairfield	9.5	9.2	9.1	27.8	30.1	30.4	1.6	1.5	1.5
Visalia-Porterville	11.8	12.2	12.3	24.3	23.9	24.0	1.2	1.2	1.1
Yuba City	2.3	2.3	2.3	8.5	8.6	8.6	.4	.4	.4
Colorado	149.1	144.6	144.7	422.0	427.6	429.7	74.9	75.9	76.0
Boulder	18.4	17.7	17.6	23.9	24.0	24.2	8.9	8.8	8.9
Colorado Springs	17.9	16.8	16.7	41.1	40.8	41.1	7.8	7.7	7.7
Denver-Aurora	72.0	70.1	70.2	241.0	240.7	242.2	47.2	47.3	47.6
Fort Collins-Loveland	12.1	11.7	11.7	23.0	23.0	23.0	2.5	2.4	2.5
Grand Junction	3.4	3.2	3.2	13.2	13.5	13.6	.9	1.0	1.0
Greeley	10.1	10.1	10.0	14.3	14.6	14.7	1.2	1.1	1.2
Pueblo	4.2	4.2	4.2	10.9	10.9	10.9	.8	.8	.8
Connecticut	193.4	191.4	191.3	310.7	310.8	313.2	37.2	37.3	37.4
Bridgeport-Stamford-Norwalk	41.1	40.9	41.0	75.7	76.3	77.1	11.4	11.1	11.2
Danbury	(²)	(²)	(²)	15.5	15.4	15.6	(²)	(²)	(²)
Hartford-West Hartford-East Hartford	64.8	64.7	64.9	89.7	89.3	89.3	11.8	11.9	11.9
New Haven	32.6	32.1	31.6	51.5	50.8	50.9	8.1	8.2	8.1
Norwich-New London	16.9	16.2	16.0	22.7	23.0	23.4	2.1	2.0	2.0
Waterbury	9.9	9.7	9.6	13.6	13.5	13.2	.9	.9	.9
Delaware	33.5	30.9	30.8	82.6	83.0	83.1	6.9	6.8	6.7
Dover	3.7	3.5	3.5	13.6	13.2	13.1	.7	.8	.7
District of Columbia	1.7	1.6	1.6	28.0	28.0	28.2	22.6	23.2	23.0
Washington-Arlington-Alexandria	62.8	63.0	62.6	405.0	407.3	410.4	98.2	98.1	97.7

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Financial activities			Professional and business services			Education and health services		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Alabama	98.4	99.1	98.8	218.9	224.0	224.4	205.9	208.8	209.6
Anniston-Oxford	1.4	1.4	1.4	5.0	5.1	5.1	4.8	4.8	4.8
Auburn-Opelika	1.6	1.6	1.6	5.1	5.2	5.2	3.3	3.3	3.3
Birmingham-Hoover	39.6	39.5	39.5	69.1	69.5	69.5	63.2	63.2	63.2
Decatur	2.4	2.3	2.3	5.7	5.9	5.9	5.0	5.2	5.2
Dothan	2.5	2.5	2.5	5.2	5.1	5.2	7.9	8.1	8.1
Florence-Muscle Shoals	2.1	2.1	2.1	7.0	7.1	7.1	5.1	5.2	5.2
Gadsden	1.4	1.4	1.4	3.5	3.5	3.5	7.0	7.2	7.2
Huntsville	6.1	6.2	6.1	42.9	43.9	44.0	15.3	15.9	16.0
Mobile	9.9	10.0	10.0	22.1	23.0	23.0	22.8	23.7	23.7
Montgomery	10.6	10.6	10.6	21.3	22.3	22.4	17.4	17.8	17.7
Tuscaloosa	3.7	3.8	3.8	7.9	8.0	8.0	7.2	7.3	7.4
Alaska	14.9	15.1	15.1	24.0	26.4	24.8	37.0	37.5	37.5
Anchorage	10.0	10.1	10.0	18.0	19.2	18.4	22.5	22.9	23.0
Fairbanks	1.6	1.6	1.6	2.1	2.4	2.1	4.3	4.3	4.3
Arizona	186.2	185.9	185.9	405.1	422.0	421.4	295.6	303.6	304.8
Flagstaff	1.8	1.7	1.7	3.4	3.3	3.2	7.2	7.2	7.2
Phoenix-Mesa-Scottsdale	156.9	157.6	157.6	329.7	344.5	344.4	198.3	204.2	204.8
Prescott	2.4	2.5	2.5	5.1	5.4	5.3	9.6	9.7	9.8
Tucson	17.5	16.4	16.4	50.2	51.7	51.4	54.2	56.3	56.6
Yuma	1.6	1.4	1.5	3.6	3.5	3.6	6.1	6.2	6.2
Arkansas	52.9	53.9	53.7	116.3	118.0	118.4	153.4	156.5	157.1
Fayetteville-Springdale-Rogers	8.3	8.4	8.4	32.8	34.1	34.1	18.6	18.8	19.2
Fort Smith	4.2	4.3	4.3	11.9	13.1	13.4	14.8	15.1	15.2
Hot Springs	1.6	1.6	1.6	2.9	3.1	3.1	7.2	7.2	7.2
Jonesboro	1.9	1.9	1.9	3.8	3.8	3.9	8.3	8.5	8.5
Little Rock-North Little Rock-Conway	20.0	20.1	20.0	43.1	44.1	44.0	46.0	47.1	47.4
Pine Bluff	1.5	1.4	1.4	1.8	1.8	1.9	6.0	6.0	6.0
California	940.7	929.4	927.8	2,258.3	2,279.4	2,281.9	1,644.9	1,673.6	1,695.9
Bakersfield	8.9	9.0	9.0	25.8	26.4	26.5	23.0	23.8	23.8
Chico	4.1	4.1	4.1	6.0	6.1	6.2	13.1	13.5	13.5
El Centro	1.4	1.4	1.4	2.8	3.3	3.2	2.9	3.0	3.1
Fresno	15.2	15.5	15.5	30.2	30.3	30.5	37.0	37.8	38.0
Hanford-Corcoran	1.1	1.1	1.1	1.2	1.3	1.3	3.6	3.6	3.7
Los Angeles-Long Beach-Santa Ana	385.8	382.0	381.2	877.7	884.7	885.6	635.9	645.6	652.8
Madera	.8	.8	.8	2.5	2.5	2.5	6.3	6.2	6.2
Merced	1.9	2.1	2.1	4.0	3.9	3.9	5.9	5.9	5.9
Modesto	6.4	6.3	6.2	15.0	14.9	14.7	19.8	20.2	20.5
Napa	2.8	2.4	2.3	5.8	6.0	6.1	7.9	7.5	7.8
Oxnard-Thousand Oaks-Ventura	24.9	24.9	25.0	39.9	40.3	39.9	29.3	30.4	30.3
Redding	3.2	2.8	2.8	6.5	6.7	6.6	9.4	10.1	10.2
Riverside-San Bernardino-Ontario	52.1	53.7	53.7	144.0	152.4	151.6	124.3	127.4	129.3
Sacramento-Arden-Arcade-Roseville	65.3	63.1	62.9	106.2	109.9	110.0	93.3	95.2	95.9
Salinas	6.2	6.0	6.1	12.5	12.5	12.4	12.7	12.6	12.7
San Diego-Carlsbad-San Marcos	82.8	81.6	81.6	215.4	218.6	219.1	125.9	128.4	129.7
San Francisco-Oakland-Fremont	158.4	157.8	157.0	350.8	358.9	359.8	229.5	233.1	235.1
San Jose-Sunnyvale-Santa Clara	37.2	37.1	37.3	166.8	169.3	169.4	102.8	103.1	106.4
San Luis Obispo-Paso Robles	4.9	4.7	4.7	9.7	9.2	9.4	10.9	10.9	11.0
Santa Barbara-Santa Maria-Goleta	8.9	8.1	8.1	21.7	22.0	22.1	19.4	19.3	19.4
Santa Cruz-Watsonville	3.8	4.0	3.9	11.1	11.5	11.8	12.7	12.8	13.0
Santa Rosa-Petaluma	10.0	10.1	10.1	22.3	23.2	23.1	23.5	23.3	23.5
Stockton	9.9	9.6	9.4	19.3	18.4	18.4	26.0	26.0	26.4
Vallejo-Fairfield	6.2	5.3	5.3	11.9	11.6	11.9	16.5	17.0	16.9
Visalia-Porterville	4.5	4.4	4.4	10.8	10.5	10.4	10.5	10.3	10.4
Yuba City	1.4	1.0	.9	3.5	3.5	3.5	5.5	5.5	5.5
Colorado	160.6	161.6	161.6	338.0	351.9	351.9	233.8	241.7	243.5
Boulder	7.5	7.6	7.7	30.4	31.6	31.4	18.3	19.0	19.1
Colorado Springs	18.1	18.2	18.2	39.7	41.0	41.0	25.9	26.7	26.7
Denver-Aurora	101.0	100.9	100.9	203.0	211.7	212.8	124.2	129.0	129.5
Fort Collins-Loveland	6.0	6.0	5.9	17.6	18.4	18.5	14.3	15.5	15.7
Grand Junction	3.4	3.5	3.5	5.4	5.6	5.6	8.1	8.5	8.5
Greeley	5.1	5.0	5.0	7.7	8.2	8.2	7.6	7.8	7.8
Pueblo	2.3	2.3	2.3	5.5	6.4	6.4	9.2	9.4	9.4
Connecticut	144.6	144.9	144.9	205.8	211.7	210.3	285.9	286.7	292.2
Bridgeport-Stamford-Norwalk	44.4	45.4	45.5	71.2	72.7	72.5	61.4	60.1	61.1
Danbury	(²)	(²)	(²)	8.6	8.7	8.7	(²)	(²)	(²)
Hartford-West Hartford-East Hartford	67.1	67.2	66.9	60.4	62.4	61.5	87.5	88.5	89.5
New Haven	14.4	14.8	14.7	26.0	25.6	25.6	68.4	67.8	68.7
Norwich-New London	3.5	3.5	3.5	10.1	10.6	10.4	19.3	19.6	19.8
Waterbury	2.5	2.5	2.5	6.4	6.8	6.4	14.6	14.7	14.6
Delaware	43.3	43.4	43.5	62.4	63.2	63.4	57.0	58.4	58.6
Dover	2.8	2.9	2.9	3.8	4.0	4.0	8.4	8.6	8.8
District of Columbia	29.5	30.5	30.2	155.2	160.6	160.7	96.3	93.1	96.2
Washington-Arlington-Alexandria	161.2	164.1	163.5	672.3	690.3	692.5	321.7	318.9	323.2

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Natural resources and mining			Construction		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Florida	8,038.3	8,104.9	8,148.9	6.4	6.3	6.3	637.9	614.3	615.9
Cape Coral-Fort Myers	234.5	235.2	236.8	(1)	(1)	(1)	37.1	36.4	36.3
Deltona-Daytona Beach-Ormond Beach	176.0	176.5	176.6	(1)	(1)	(1)	14.7	14.6	14.6
Fort Walton Beach-Crestview-Destin	87.6	88.8	88.7	(1)	(1)	(1)	6.3	5.9	5.9
Gainesville	135.6	135.5	136.3	(1)	(1)	(1)	6.4	6.1	6.1
Jacksonville	629.8	636.3	642.0	.3	.3	.3	50.7	48.6	49.3
Lakeland	221.4	222.2	223.0	(1)	(1)	(1)	16.6	15.9	15.9
Miami-Fort Lauderdale-Pompano Beach	2,424.1	2,443.1	2,455.8	.6	.6	.6	161.6	160.5	160.3
Naples-Marco Island	134.8	134.8	136.2	(1)	(1)	(1)	24.9	23.9	23.7
Ocala	106.4	106.7	107.4	(1)	(1)	(1)	11.7	11.4	11.4
Orlando-Kissimmee	1,091.6	1,105.7	1,113.6	.3	.3	.3	88.4	87.3	87.3
Palm Bay-Melbourne-Titusville	215.5	215.7	214.9	(1)	(1)	(1)	17.5	16.7	16.5
Panama City-Lynn Haven	76.9	78.1	78.0	(1)	(1)	(1)	7.2	6.9	6.9
Pensacola-Ferry Pass-Brent	172.8	174.0	174.2	(1)	(1)	(1)	15.0	14.4	14.3
Port St. Lucie	133.0	133.8	135.2	(1)	(1)	(1)	15.1	15.1	15.1
Punta Gorda	44.7	44.7	44.9	(1)	(1)	(1)	6.2	6.0	6.0
Sarasota-Bradenton-Venice	309.4	306.9	308.7	(1)	(1)	(1)	29.7	29.4	29.4
Sebastian-Vero Beach	48.5	48.5	48.6	(1)	(1)	(1)	5.9	5.6	5.5
Tallahassee	178.5	181.1	182.0	(1)	(1)	(1)	10.0	9.7	9.7
Tampa-St. Petersburg-Clearwater	1,314.6	1,326.8	1,331.3	.6	.6	.6	89.1	89.1	89.6
Georgia	4,112.5	4,177.1	4,192.3	12.1	12.0	12.0	224.7	229.5	228.8
Albany	65.3	65.9	65.6	(2)	(2)	(2)	(2)	(2)	(2)
Athens-Clarke County	82.7	83.8	84.5	(2)	(2)	(2)	(2)	(2)	(2)
Atlanta-Sandy Springs-Marietta	2,421.2	2,466.8	2,477.1	2.1	2.3	2.4	142.0	143.6	144.3
Augusta-Richmond County	214.4	214.9	215.3	(1)	(1)	(1)	14.5	14.6	14.5
Brunswick	45.4	45.8	45.5	(2)	(2)	(2)	(2)	(2)	(2)
Columbus	121.6	123.1	123.2	(2)	(2)	(2)	(2)	(2)	(2)
Dalton	80.0	80.1	79.8	(2)	(2)	(2)	(2)	(2)	(2)
Gainesville	74.4	76.3	76.3	(2)	(2)	(2)	(2)	(2)	(2)
Hinesville-Fort Stewart	18.5	18.9	19.0	(2)	(2)	(2)	(2)	(2)	(2)
Macon	100.6	101.4	101.6	(2)	(2)	(2)	(2)	(2)	(2)
Rome	44.7	45.0	45.2	(2)	(2)	(2)	(2)	(2)	(2)
Savannah	159.0	161.5	162.2	(1)	(1)	(1)	10.1	10.1	10.3
Valdosta	55.9	56.6	56.7	(2)	(2)	(2)	(2)	(2)	(2)
Warner Robins	57.4	59.1	59.4	(2)	(2)	(2)	(2)	(2)	(2)
Hawaii	620.5	630.1	632.2	(1)	(1)	(1)	36.8	38.3	38.5
Honolulu	457.0	462.0	463.7	(1)	(1)	(1)	25.3	26.1	26.3
Idaho	653.7	668.3	665.0	4.7	5.1	5.1	54.9	55.0	54.2
Boise City-Nampa	276.2	280.8	280.2	(1)	(1)	(1)	25.5	25.9	25.7
Coeur d'Alene	56.5	58.9	58.6	.5	.6	.6	6.2	6.4	6.2
Idaho Falls	50.9	52.8	52.4	(1)	(1)	(1)	4.8	5.1	5.0
Lewiston	27.8	27.5	27.7	.2	.2	.2	1.5	1.6	1.6
Pocatello	40.6	40.2	40.5	(1)	(1)	(1)	2.1	2.1	2.1
Illinois	5,999.3	6,027.1	6,036.9	10.3	10.4	10.4	288.6	290.8	288.6
Bloomington-Normal	92.0	92.3	92.6	(1)	(1)	(1)	3.3	3.4	3.4
Champaign-Urbana	115.4	113.4	115.3	(1)	(1)	(1)	4.3	4.3	4.3
Chicago-Naperville-Joliet	4,562.2	4,599.7	4,604.6	2.8	2.6	2.6	226.6	233.4	231.7
Danville	31.6	31.6	31.5	(1)	(1)	(1)	.9	.9	.9
Davenport-Moline-Rock Island	188.0	189.6	189.3	(1)	(1)	(1)	8.7	8.7	8.7
Decatur	55.6	55.2	55.4	(1)	(1)	(1)	3.8	3.7	3.7
Kankakee-Bradley	44.4	44.2	44.4	(1)	(1)	(1)	1.9	2.0	1.9
Peoria	185.9	186.8	187.2	(1)	(1)	(1)	9.7	9.7	9.7
Rockford	159.3	159.9	156.5	(1)	(1)	(1)	8.7	9.0	8.7
Springfield	112.0	111.6	112.2	(1)	(1)	(1)	5.1	5.2	5.2
Indiana	3,011.5	3,014.1	3,020.5	7.1	7.3	7.3	155.3	159.4	159.4
Anderson	43.6	42.7	42.3	(1)	(1)	(1)	1.8	1.8	1.8
Bloomington	84.8	84.2	85.0	(1)	(1)	(1)	4.3	4.4	4.4
Columbus	44.6	46.1	46.2	(1)	(1)	(1)	1.6	1.7	1.6
Elkhart-Goshen	132.1	132.0	132.0	(1)	(1)	(1)	4.6	4.9	4.9
Evansville	181.3	182.2	183.2	(1)	(1)	(1)	14.4	14.4	14.9
Fort Wayne	221.0	220.8	221.7	(1)	(1)	(1)	11.9	11.9	12.0
Indianapolis-Carmel	913.2	920.3	924.4	.8	.8	.8	54.2	56.5	56.5
Kokomo	48.2	47.9	48.0	(1)	(1)	(1)	1.4	1.4	1.4
Lafayette	95.7	97.0	97.5	(1)	(1)	(1)	3.9	3.9	3.9
Michigan City-La Porte	47.3	47.7	47.7	(1)	(1)	(1)	2.3	2.4	2.4
Muncie	55.3	54.5	54.8	(1)	(1)	(1)	2.3	2.4	2.3
South Bend-Mishawaka	148.0	148.0	148.3	(1)	(1)	(1)	6.6	6.7	6.7
Terre Haute	75.2	75.0	75.3	(1)	(1)	(1)	3.6	3.7	3.7
Iowa	1,520.6	1,534.0	1,543.3	2.3	2.2	2.2	78.9	82.9	81.7
Ames	48.8	48.2	48.7	(2)	(2)	(2)	(2)	(2)	(2)
Cedar Rapids	135.8	135.5	135.8	(1)	(1)	(1)	8.0	8.2	8.3
Des Moines-West Des Moines	317.7	320.3	323.2	(1)	(1)	(1)	18.1	19.0	19.1
Dubuque	57.8	57.7	58.1	(2)	(2)	(2)	(2)	(2)	(2)
Iowa City	90.6	90.7	91.9	(2)	(2)	(2)	(2)	(2)	(2)
Sioux City	73.3	73.2	74.1	(2)	(2)	(2)	(2)	(2)	(2)
Waterloo-Cedar Falls	89.7	88.4	89.5	(2)	(2)	(2)	(2)	(2)	(2)

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Manufacturing			Trade, transportation, and utilities			Information		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Florida	398.4	395.7	393.4	1,592.7	1,603.1	1,607.7	167.6	163.6	163.6
Cape Coral-Fort Myers	7.5	7.5	7.4	49.5	49.0	49.6	4.0	3.8	3.8
Deltona-Daytona Beach-Ormond Beach	10.6	10.6	10.6	32.6	32.6	32.5	3.0	3.0	2.9
Fort Walton Beach-Crestview-Destin	4.6	4.5	4.5	14.9	15.1	15.0	2.2	2.1	2.1
Gainesville	4.8	4.7	4.6	18.7	18.7	18.6	1.9	1.9	1.9
Jacksonville	32.9	31.6	31.5	136.9	137.3	138.6	11.4	11.1	11.0
Lakeland	17.6	17.6	17.8	48.6	47.8	47.6	2.5	2.4	2.4
Miami-Fort Lauderdale-Pompano Beach	99.6	98.6	97.9	538.9	545.1	548.7	53.6	53.5	53.5
Naples-Marco Island	3.3	3.3	3.3	23.9	24.4	24.7	1.9	1.8	1.8
Ocala	9.9	9.8	9.7	23.3	22.8	23.1	2.2	2.1	2.1
Orlando-Kissimmee	43.6	44.3	44.5	199.0	201.8	201.5	28.0	27.8	27.8
Palm Bay-Melbourne-Titusville	24.5	23.5	23.1	37.0	37.3	37.5	3.0	2.9	2.9
Panama City-Lynn Haven	3.9	3.9	3.9	14.1	14.1	14.1	1.5	1.3	1.3
Pensacola-Ferry Pass-Brent	7.3	7.2	7.2	32.3	32.1	32.3	3.7	3.6	3.6
Port St. Lucie	6.5	6.4	6.4	30.6	29.6	29.8	1.8	1.7	1.7
Punta Gorda	1.0	.9	.9	9.9	9.9	9.9	.6	.6	.6
Sarasota-Bradenton-Venice	19.1	18.9	18.8	50.8	49.9	50.1	4.4	4.5	4.4
Sebastian-Vero Beach	2.4	2.3	2.3	10.0	10.0	10.0	.6	.6	.6
Tallahassee	4.4	4.4	4.4	26.2	27.8	27.7	3.8	3.5	3.5
Tampa-St. Petersburg-Clearwater	75.7	73.1	72.5	232.1	232.5	233.6	33.0	33.2	33.4
Georgia	446.0	436.6	433.0	868.1	884.5	893.5	114.8	115.2	116.1
Albany	7.0	6.8	6.8	13.5	13.5	13.4	(2)	(2)	(2)
Athens-Clarke County	(2)	(2)	(2)	13.8	13.9	14.0	(2)	(2)	(2)
Atlanta-Sandy Springs-Marietta	178.1	176.5	176.6	551.3	562.6	565.4	89.1	89.7	90.4
Augusta-Richmond County	24.0	24.0	24.3	36.4	36.5	36.7	3.4	3.3	3.4
Brunswick	(2)	(2)	(2)	8.5	8.7	8.6	(2)	(2)	(2)
Columbus	(2)	(2)	(2)	18.4	18.8	18.9	6.1	6.0	6.0
Dalton	30.5	29.8	29.4	16.1	16.2	16.4	(2)	(2)	(2)
Gainesville	(2)	(2)	(2)	12.8	13.1	13.3	(2)	(2)	(2)
Hinesville-Fort Stewart	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Macon	(2)	(2)	(2)	20.1	20.1	20.2	(2)	(2)	(2)
Rome	9.8	9.2	8.8	7.5	7.2	7.2	(2)	(2)	(2)
Savannah	14.9	14.5	14.7	35.3	35.6	35.5	1.9	2.0	2.0
Valdosta	(2)	(2)	(2)	12.4	12.5	12.5	(2)	(2)	(2)
Warner Robins	(2)	(2)	(2)	7.7	7.8	7.9	(2)	(2)	(2)
Hawaii	15.2	14.9	14.9	121.4	120.4	120.4	11.0	11.6	11.3
Honolulu	11.7	11.6	11.6	86.8	85.1	84.9	9.3	9.7	9.4
Idaho	67.5	64.5	64.5	130.2	134.7	134.8	10.7	10.8	10.7
Boise City-Nampa	31.7	30.9	30.9	53.3	55.9	55.8	4.6	4.7	4.6
Coeur d'Alene	4.9	4.8	4.8	10.9	11.1	11.5	1.0	.9	.9
Idaho Falls	3.5	3.4	3.5	13.3	13.6	13.5	1.2	1.2	1.2
Lewiston	3.1	3.0	3.0	5.4	5.5	5.6	.4	.4	.4
Pocatello	3.8	3.9	3.9	7.4	7.4	7.4	.7	.7	.7
Illinois	684.9	679.3	674.8	1,203.8	1,201.0	1,204.7	115.7	115.1	114.9
Bloomington-Normal	5.7	5.7	5.7	14.3	14.2	14.3	1.0	1.0	1.0
Champaign-Urbana	10.3	9.7	9.7	18.8	18.4	18.8	2.5	2.8	2.8
Chicago-Naperville-Joliet	488.5	481.9	481.4	923.8	923.8	926.1	90.5	90.3	90.7
Danville	6.2	6.1	6.0	7.0	7.1	7.1	.4	.4	.4
Davenport-Moline-Rock Island	25.5	25.4	25.4	39.6	40.0	40.0	3.0	3.1	3.0
Decatur	11.7	11.7	11.7	11.9	11.7	11.8	.9	.9	.9
Kankakee-Bradley	5.3	5.2	5.2	10.6	10.5	10.7	.6	.6	.6
Peoria	31.6	32.0	32.1	35.3	35.1	35.3	3.0	3.0	3.0
Rockford	34.1	33.9	30.6	29.8	30.0	30.2	2.1	2.1	2.1
Springfield	3.4	3.3	3.3	17.9	17.8	17.9	2.8	2.8	2.8
Indiana	562.7	558.4	556.8	588.6	589.2	591.6	39.7	39.8	39.8
Anderson	6.0	5.3	4.8	8.8	8.9	9.0	.6	.6	.6
Bloomington	9.5	9.4	9.5	12.8	12.6	12.6	1.3	1.3	1.3
Columbus	15.5	16.6	16.7	7.5	7.8	7.8	.4	.4	.4
Elkhart-Goshen	62.8	62.1	61.9	19.2	19.2	19.3	.8	.8	.8
Evansville	33.8	33.6	33.4	36.4	35.9	36.3	2.8	2.9	2.9
Fort Wayne	38.6	38.2	38.2	47.4	47.4	47.7	3.6	3.6	3.6
Indianapolis-Carmel	99.6	100.0	99.8	196.4	197.4	199.2	16.1	16.3	16.3
Kokomo	15.6	15.3	15.3	7.6	7.5	7.7	.4	.4	.4
Lafayette	17.5	18.5	18.6	14.6	15.1	15.2	1.1	1.1	1.1
Michigan City-La Porte	9.5	9.4	9.4	9.1	9.2	9.2	.7	.7	.7
Muncie	5.7	5.5	5.5	9.2	9.3	9.3	.5	.5	.5
South Bend-Mishawaka	20.6	20.9	20.9	28.8	29.0	29.0	2.2	2.2	2.2
Terre Haute	12.7	12.6	12.5	13.8	13.8	13.9	.8	.8	.8
Iowa	230.6	231.4	231.2	309.3	310.8	312.5	32.8	32.7	32.7
Ames	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Cedar Rapids	21.2	21.6	21.6	29.7	29.6	29.8	5.1	5.4	5.4
Des Moines-West Des Moines	19.9	20.3	20.4	66.0	66.0	66.5	9.2	9.6	9.7
Dubuque	(2)	(2)	(2)	11.9	11.5	11.6	(2)	(2)	(2)
Iowa City	(2)	(2)	(2)	15.8	15.8	15.9	(2)	(2)	(2)
Sioux City	13.0	12.0	12.5	15.7	15.3	15.6	(2)	(2)	(2)
Waterloo-Cedar Falls	16.1	16.6	16.7	16.4	16.3	16.4	(2)	(2)	(2)

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Financial activities			Professional and business services			Education and health services		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Florida	545.9	550.7	556.3	1,344.3	1,362.2	1,371.9	983.9	1,009.1	1,015.2
Cape Coral-Fort Myers	14.2	14.1	14.2	29.0	29.3	29.1	21.4	21.9	22.0
Deltona-Daytona Beach-Ormond Beach	7.8	7.7	7.7	21.3	21.3	21.5	31.9	32.4	32.8
Fort Walton Beach-Crestview-Destin	6.5	7.1	6.9	13.2	13.0	13.1	8.3	8.4	8.5
Gainesville	6.6	6.6	6.6	12.7	12.6	12.7	22.5	22.7	22.8
Jacksonville	59.7	60.8	61.0	97.0	98.1	99.3	75.5	79.0	80.0
Lakeland	11.4	11.9	12.0	41.5	40.4	40.7	27.1	28.7	29.2
Miami-Fort Lauderdale-Pompano Beach	183.1	186.1	188.1	400.8	399.6	403.3	308.7	316.6	317.4
Naples-Marco Island	8.0	8.3	8.4	17.0	16.8	16.9	15.2	15.3	15.5
Ocala	5.7	5.7	5.8	10.1	10.0	10.1	12.9	13.4	13.5
Orlando-Kissimmee	66.8	65.6	66.3	195.8	197.0	200.3	107.9	111.7	111.5
Palm Bay-Melbourne-Titusville	8.5	8.7	8.7	38.9	38.8	39.0	28.6	28.8	28.7
Panama City-Lynn Haven	5.5	5.4	5.4	8.5	8.4	8.5	8.1	8.3	8.4
Pensacola-Ferry Pass-Brent	8.8	9.1	9.1	22.5	23.2	23.4	27.8	28.2	28.3
Port St. Lucie	7.6	8.1	8.1	15.0	14.5	15.1	18.2	18.6	18.7
Punta Gorda	2.7	2.7	2.7	3.5	3.5	3.5	7.7	7.8	7.8
Sarasota-Bradenton-Venice	16.3	17.1	17.2	75.8	73.8	74.3	39.7	40.4	40.5
Sebastian-Vero Beach	2.8	2.8	2.8	5.0	4.9	5.0	8.2	8.3	8.3
Tallahassee	8.4	8.4	8.5	19.8	19.5	19.7	17.3	17.7	17.7
Tampa-St. Petersburg-Clearwater	102.3	103.2	103.2	304.4	312.9	312.3	157.3	160.4	162.5
Georgia	232.9	233.2	232.0	556.0	565.4	567.7	442.9	453.2	458.9
Albany	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Athens-Clarke County	(2)	(2)	(2)	6.4	6.5	6.6	(2)	(2)	(2)
Atlanta-Sandy Springs-Marietta	163.7	162.8	162.3	402.4	411.6	413.1	245.8	252.5	254.8
Augusta-Richmond County	7.8	7.6	7.4	28.6	29.1	29.4	28.0	28.0	27.9
Brunswick	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Columbus	9.3	9.2	9.4	14.0	14.6	14.4	(2)	(2)	(2)
Dalton	(2)	(2)	(2)	10.8	10.6	10.4	(2)	(2)	(2)
Gainesville	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hinesville-Fort Stewart	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Macon	7.8	8.1	8.1	12.3	12.3	12.2	18.1	18.8	18.9
Rome	(2)	(2)	(2)	(2)	(2)	(2)	8.2	8.3	8.4
Savannah	6.4	6.5	6.3	19.2	20.3	20.2	21.1	21.5	21.7
Valdosta	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Warner Robins	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hawaii	29.8	30.3	30.3	79.2	83.1	83.1	71.7	73.0	73.1
Honolulu	22.9	23.2	23.3	64.2	67.3	67.3	56.7	57.5	57.5
Idaho	32.5	33.5	33.5	83.1	87.6	86.4	72.2	73.5	74.2
Boise City-Nampa	15.1	15.1	15.2	40.1	41.0	40.8	32.1	33.4	33.6
Coeur d'Alene	3.0	3.2	3.2	6.3	6.7	6.6	5.3	5.6	5.6
Idaho Falls	2.2	2.3	2.3	5.6	6.2	5.7	6.9	7.4	7.4
Lewiston	2.0	2.1	2.1	1.6	1.6	1.6	4.5	4.5	4.5
Pocatello	2.2	2.3	2.3	5.5	5.5	5.6	3.3	3.4	3.5
Illinois	407.2	410.1	409.9	869.1	889.2	893.8	775.5	779.0	786.3
Bloomington-Normal	12.0	12.2	12.2	17.6	18.0	18.0	8.9	8.8	8.8
Champaign-Urbana	4.5	4.5	4.5	8.3	8.2	8.3	12.9	12.9	13.0
Chicago-Naperville-Joliet	333.4	334.4	334.6	743.5	762.8	767.4	584.9	587.6	592.4
Danville	1.5	1.5	1.5	2.1	2.1	2.1	3.3	3.3	3.3
Davenport-Moline-Rock Island	8.8	8.9	8.9	25.2	26.0	26.0	23.4	23.6	23.7
Decatur	2.2	2.2	2.1	3.6	3.7	3.7	8.1	8.0	8.1
Kankakee-Bradley	1.9	1.9	1.9	2.9	3.0	3.0	8.5	8.2	8.4
Peoria	8.6	8.8	8.8	20.7	20.8	20.9	31.7	32.1	32.1
Rockford	6.7	6.8	6.8	18.6	18.7	18.6	21.3	21.3	21.4
Springfield	7.6	7.6	7.6	10.3	10.5	10.4	16.8	16.7	16.8
Indiana	140.1	140.4	140.3	286.4	287.0	287.6	393.2	391.6	396.3
Anderson	1.8	1.8	1.8	2.9	2.9	2.8	7.9	7.7	7.8
Bloomington	2.9	3.0	3.0	6.7	6.7	6.8	9.5	9.5	9.5
Columbus	1.6	1.6	1.6	4.0	4.0	4.0	3.7	3.7	3.7
Elkhart-Goshen	3.3	3.2	3.2	8.9	9.3	9.2	11.3	11.1	11.3
Evansville	6.3	6.2	6.2	17.6	17.6	18.2	27.8	28.3	28.4
Fort Wayne	12.1	11.8	11.8	21.8	22.3	22.4	35.4	35.6	35.9
Indianapolis-Carmel	63.3	63.5	63.5	125.5	125.8	126.2	112.9	112.3	113.4
Kokomo	1.4	1.4	1.4	3.4	3.4	3.4	4.0	4.0	4.0
Lafayette	3.7	3.7	3.7	5.2	5.2	5.2	9.6	9.6	9.7
Michigan City-La Porte	1.3	1.3	1.3	3.0	3.0	3.0	6.5	6.5	6.5
Muncie	2.0	2.0	2.0	5.2	5.3	5.3	9.4	9.4	9.3
South Bend-Mishawaka	7.4	7.4	7.4	13.4	13.2	13.2	33.1	32.8	33.2
Terre Haute	2.6	2.6	2.6	5.5	5.6	5.6	12.7	12.6	12.6
Iowa	100.9	102.9	103.2	119.0	122.0	122.9	203.9	203.6	208.9
Ames	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Cedar Rapids	10.1	10.3	10.2	12.2	12.6	12.1	16.7	16.6	16.8
Des Moines-West Des Moines	49.5	48.0	48.1	35.4	37.2	37.6	37.5	36.7	37.3
Dubuque	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Iowa City	(2)	(2)	(2)	5.5	6.0	6.1	(2)	(2)	(2)
Sioux City	(2)	(2)	(2)	6.8	7.1	7.0	(2)	(2)	(2)
Waterloo-Cedar Falls	5.0	4.9	4.9	6.7	6.8	6.7	13.3	13.6	13.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Natural resources and mining			Construction		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Kansas	1,378.7	1,394.0	1,397.7	9.0	9.2	9.2	66.7	67.9	67.8
Lawrence	52.9	52.9	53.9	(2)	(2)	(2)	(2)	(2)	(2)
Topeka	109.9	113.8	114.6	(1)	(1)	(1)	6.1	6.2	6.2
Wichita	297.9	308.4	310.7	(1)	(1)	(1)	16.7	17.9	17.8
Kentucky	1,855.0	1,865.2	1,867.6	23.2	23.7	23.8	85.5	86.6	86.2
Bowling Green	61.9	62.5	62.7	(1)	(1)	(1)	3.3	3.3	3.3
Elizabethtown	48.3	48.5	48.5	(1)	(1)	(1)	2.5	2.6	2.6
Lexington-Fayette	254.0	256.8	256.8	(1)	(1)	(1)	12.7	13.1	13.0
Louisville-Jefferson County	621.0	629.5	630.1	(1)	(1)	(1)	34.4	34.4	33.8
Owensboro	51.4	51.5	51.5	(1)	(1)	(1)	2.8	2.8	2.8
Louisiana	1,889.2	1,924.4	1,931.3	51.0	50.7	51.1	135.4	138.5	139.0
Alexandria	65.4	66.0	66.2	(2)	(2)	(2)	(2)	(2)	(2)
Baton Rouge	366.7	374.3	375.7	1.6	1.5	1.6	39.2	40.6	40.7
Houma-Bayou Cane-Thibodaux	93.3	95.9	96.6	6.9	6.8	6.9	5.9	6.2	6.3
Lafayette	146.9	148.6	149.4	16.1	16.0	16.2	6.9	6.8	6.9
Lake Charles	91.2	92.7	92.8	1.3	1.2	1.2	10.5	10.8	10.6
Monroe	80.0	79.8	80.1	(2)	(2)	(2)	(2)	(2)	(2)
New Orleans-Metairie-Kenner	492.8	506.6	508.4	8.7	8.8	8.9	32.3	33.1	33.5
Shreveport-Bossier City	177.0	180.6	180.5	4.0	4.2	4.2	8.9	8.9	8.9
Maine	622.0	629.2	625.8	2.9	2.9	2.9	32.8	32.5	32.2
Bangor	65.9	65.9	67.2	.3	.3	.4	3.1	3.5	3.5
Lewiston-Auburn	48.9	49.0	49.4	(1)	(1)	(1)	2.8	2.8	2.8
Portland-South Portland-Biddeford	195.8	197.2	196.5	(1)	(1)	(1)	10.9	11.0	10.9
Maryland	2,608.5	2,631.1	2,637.1	(1)	(1)	(1)	194.1	198.1	197.7
Baltimore-Towson	1,311.8	1,317.9	1,324.7	(1)	(1)	(1)	87.5	88.8	88.6
Cumberland	40.2	40.1	40.2	(2)	(2)	(2)	(2)	(2)	(2)
Hagerstown-Martinsburg	101.9	103.5	104.3	(1)	(1)	(1)	6.8	6.7	6.7
Salisbury	57.2	57.8	58.2	(2)	(2)	(2)	(2)	(2)	(2)
Massachusetts	3,278.2	3,301.7	3,312.7	1.9	1.9	1.9	144.1	144.1	142.1
Barnstable Town	100.6	105.9	101.4	(1)	(1)	(1)	6.3	6.4	6.3
Boston-Cambridge-Quincy	2,478.2	2,492.8	2,504.8	1.2	1.3	1.3	104.3	104.7	102.6
Leominster-Fitchburg-Gardner	51.4	51.2	51.4	(1)	(1)	(1)	2.4	2.5	2.4
New Bedford	68.2	68.5	69.0	(1)	(1)	(1)	3.1	3.2	3.0
Pittsfield	37.2	37.2	37.5	(1)	(1)	(1)	1.9	1.7	1.7
Springfield	302.2	301.6	302.9	(1)	(1)	(1)	11.4	11.8	11.5
Worcester	250.5	252.5	252.6	(1)	(1)	(1)	10.8	11.5	11.3
Michigan	4,382.4	4,305.4	4,306.3	8.3	8.1	8.1	188.4	174.7	172.1
Ann Arbor	205.8	202.3	204.4	(1)	(1)	(1)	6.1	5.8	5.7
Battle Creek	61.5	60.8	60.7	(1)	(1)	(1)	2.4	2.3	2.3
Bay City	38.8	37.5	37.6	(1)	(1)	(1)	1.5	1.5	1.5
Detroit-Warren-Livonia	2,011.7	1,967.7	1,973.9	(1)	(1)	(1)	79.7	72.6	71.7
Flint	153.8	149.2	149.0	(1)	(1)	(1)	6.5	6.5	6.3
Grand Rapids-Wyoming	396.2	397.6	397.6	(1)	(1)	(1)	18.7	18.8	18.5
Holland-Grand Haven	118.3	117.8	117.8	(1)	(1)	(1)	6.3	6.3	6.2
Jackson	60.0	58.9	58.9	(1)	(1)	(1)	2.4	2.2	2.2
Kalamazoo-Portage	147.7	148.7	148.9	(1)	(1)	(1)	6.5	6.3	6.2
Lansing-East Lansing	232.0	230.0	231.8	(1)	(1)	(1)	8.9	8.7	8.5
Monroe	43.6	43.6	44.0	(1)	(1)	(1)	2.9	3.3	3.4
Muskegon-Norton Shores	65.8	67.0	66.1	(1)	(1)	(1)	2.3	2.3	2.3
Niles-Benton Harbor	65.0	66.7	66.6	(1)	(1)	(1)	2.5	2.6	2.6
Saginaw-Saginaw Township North	92.8	90.1	90.3	(1)	(1)	(1)	4.0	3.8	3.8
Minnesota	2,789.7	2,779.0	2,792.1	6.0	6.2	6.2	139.4	133.8	132.5
Duluth	133.8	133.9	135.0	(1)	(1)	(1)	9.3	9.4	9.4
Minneapolis-St. Paul-Bloomington	1,807.9	1,809.8	1,816.2	(1)	(1)	(1)	88.3	86.3	85.5
Rochester	107.6	109.3	109.3	(1)	(1)	(1)	5.0	4.8	4.8
St. Cloud	102.6	102.9	103.2	(1)	(1)	(1)	5.5	5.5	5.4
Mississippi	1,156.1	1,169.2	1,171.5	9.9	9.4	9.6	59.1	62.8	63.5
Gulfport-Biloxi	107.6	110.2	110.4	(1)	(1)	(1)	8.3	8.6	8.6
Hattiesburg	61.1	61.6	61.6	(2)	(2)	(2)	(2)	(2)	(2)
Jackson	263.3	267.0	268.0	1.0	1.0	1.0	13.5	14.1	14.3
Pascagoula	55.3	56.4	56.7	(1)	(1)	(1)	3.6	4.1	4.1
Missouri	2,799.4	2,818.9	2,819.3	5.3	5.5	5.4	150.3	155.1	154.5
Columbia	93.4	94.1	95.0	(2)	(2)	(2)	(2)	(2)	(2)
Jefferson City	78.8	79.2	79.8	(2)	(2)	(2)	(2)	(2)	(2)
Joplin	79.3	80.4	80.7	(2)	(2)	(2)	(2)	(2)	(2)
Kansas City	1,002.9	1,013.6	1,012.3	(1)	(1)	(1)	55.4	56.9	56.8
St. Joseph	57.6	59.1	59.4	(2)	(2)	(2)	(2)	(2)	(2)
St. Louis ^o	1,362.0	1,379.9	1,381.8	(1)	(1)	(1)	85.3	87.6	86.6
Springfield	197.6	202.1	202.6	(1)	(1)	(1)	10.7	11.1	11.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Natural resources and mining			Construction		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Oklahoma	1,570.8	1,585.3	1,592.7	44.7	47.3	47.2	71.2	72.7	72.9
Lawton	41.7	42.3	42.6	(1)	(1)	(1)	1.7	1.7	1.7
Oklahoma City	572.6	588.8	591.6	13.6	14.5	14.6	26.9	28.1	28.6
Tulsa	431.3	434.3	437.3	6.3	6.7	6.7	22.2	21.5	21.9
Oregon	1,731.5	1,733.6	1,745.3	9.4	8.9	8.4	104.1	107.6	105.9
Bend	70.7	73.1	72.8	(1)	(1)	(1)	8.8	9.1	9.1
Corvallis	39.1	38.3	39.6	(1)	(1)	(1)	1.5	1.6	1.5
Eugene-Springfield	155.7	153.4	156.3	.9	.9	.8	8.3	8.6	8.5
Medford	85.6	85.7	86.4	.7	.7	.7	6.1	6.0	5.9
Portland-Vancouver-Beaverton	1,030.2	1,035.0	1,042.7	1.8	1.8	1.8	66.3	69.4	68.9
Salem	152.9	154.9	154.2	1.4	1.5	1.5	9.7	10.2	10.2
Pennsylvania	5,816.9	5,828.7	5,864.8	20.9	22.2	22.0	272.3	273.5	271.0
Allentown-Bethlehem-Easton	346.2	351.3	352.7	(1)	(1)	(1)	17.3	17.9	17.6
Altoona	62.7	62.7	62.8	(2)	(2)	(2)	(2)	(2)	(2)
Erie	135.1	134.9	135.9	(1)	(1)	(1)	5.0	4.9	4.9
Harrisburg-Carlisle	333.1	336.6	336.7	(1)	(1)	(1)	13.4	13.3	13.2
Johnstown	61.5	61.7	62.2	(2)	(2)	(2)	(2)	(2)	(2)
Lancaster	238.7	242.1	242.3	(1)	(1)	(1)	18.0	19.0	18.9
Lebanon	49.9	50.2	50.3	(2)	(2)	(2)	(2)	(2)	(2)
Philadelphia-Camden-Wilmington	2,823.0	2,828.0	2,848.5	(1)	(1)	(1)	133.9	137.4	137.1
Pittsburgh	1,149.9	1,148.7	1,152.9	5.1	5.4	5.4	59.1	58.2	57.7
Reading	175.7	175.8	176.2	(1)	(1)	(1)	9.6	9.8	9.7
Scranton-Wilkes-Barre	264.3	265.0	267.2	(1)	(1)	(1)	11.4	12.0	11.8
State College	76.3	74.5	77.2	(2)	(2)	(2)	(2)	(2)	(2)
Williamsport	53.8	53.3	53.6	(2)	(2)	(2)	(2)	(2)	(2)
York-Hanover	181.6	184.7	185.3	(1)	(1)	(1)	12.6	13.0	12.8
Rhode Island	502.1	504.4	506.1	.3	.3	.3	24.4	25.6	25.4
Providence-Fall River-Warwick	592.9	591.3	593.5	.3	.3	.3	30.2	31.6	31.4
South Carolina	1,919.6	1,936.9	1,945.8	4.8	4.7	4.7	126.6	125.8	126.3
Anderson	64.8	64.3	64.6	(2)	(2)	(2)	(2)	(2)	(2)
Charleston-North Charleston	289.6	295.1	296.0	(1)	(1)	(1)	21.8	22.0	21.9
Columbia	365.1	365.9	369.2	(1)	(1)	(1)	22.1	20.3	20.8
Florence	87.9	88.9	88.8	(2)	(2)	(2)	(2)	(2)	(2)
Greenville-Mauldin-Easley	311.0	317.4	318.7	(1)	(1)	(1)	18.1	18.8	18.7
Myrtle Beach-Conway-North Myrtle Beach	125.4	129.2	129.2	(2)	(2)	(2)	(2)	(2)	(2)
Spartanburg	126.7	124.5	125.2	(2)	(2)	(2)	(2)	(2)	(2)
Sumter	39.9	39.5	39.6	(2)	(2)	(2)	(2)	(2)	(2)
South Dakota	404.2	412.1	410.9	1.0	1.0	.9	23.5	24.0	23.4
Rapid City	60.5	62.2	61.5	(1)	(1)	(1)	5.0	5.3	5.2
Sioux Falls	131.4	135.2	135.5	(1)	(1)	(1)	8.2	8.4	8.2
Tennessee	2,799.2	2,829.0	2,823.1	4.2	4.3	4.2	133.5	141.5	140.9
Chattanooga	248.6	249.1	249.4	(1)	(1)	(1)	11.8	11.7	11.8
Clarksville	84.8	84.5	84.2	(1)	(1)	(1)	3.4	3.2	3.2
Cleveland	42.9	43.1	42.7	(1)	(1)	(1)	1.8	1.9	1.9
Jackson	62.3	62.9	63.0	(1)	(1)	(1)	3.7	3.6	3.6
Johnson City	81.2	82.7	83.3	(1)	(1)	(1)	3.5	3.6	3.6
Kingsport-Bristol-Bristol	122.8	124.7	124.1	(1)	(1)	(1)	8.0	8.6	8.6
Knoxville	335.1	338.6	337.3	(1)	(1)	(1)	18.5	19.5	19.3
Memphis	644.6	651.3	653.8	(1)	(1)	(1)	28.0	28.5	28.1
Morristown	52.1	51.4	52.0	(1)	(1)	(1)	2.1	2.2	2.2
Nashville-Davidson-Murfreesboro-Franklin	758.8	763.6	764.5	(1)	(1)	(1)	40.1	42.7	42.4
Texas	10,173.6	10,340.4	10,380.7	192.8	206.6	208.1	616.0	627.4	626.9
Abilene	65.8	66.7	66.9	(1)	(1)	(1)	5.1	5.3	5.3
Amarillo	110.7	112.0	111.6	(1)	(1)	(1)	7.4	7.6	7.6
Austin-Round Rock	734.9	754.8	757.4	(1)	(1)	(1)	46.0	49.2	48.2
Beaumont-Port Arthur	162.2	164.3	164.7	(1)	(1)	(1)	16.5	19.0	19.0
Brownsville-Harlingen	121.5	123.9	124.3	(1)	(1)	(1)	4.5	4.7	4.7
College Station-Bryan	93.2	92.1	93.7	(1)	(1)	(1)	6.3	6.4	6.4
Corpus Christi	175.4	178.0	178.1	(1)	(1)	(1)	19.6	19.7	20.0
Dallas-Fort Worth-Arlington	2,901.7	2,956.9	2,966.3	(1)	(1)	(1)	180.1	186.7	186.4
El Paso	267.8	271.1	271.7	(1)	(1)	(1)	12.8	13.5	13.5
Houston-Sugar Land-Baytown	2,487.4	2,536.3	2,540.3	80.5	86.0	86.5	186.2	194.5	195.2
Killeen-Temple-Fort Hood	119.1	118.8	119.2	(1)	(1)	(1)	5.7	5.7	5.6
Laredo	85.7	86.5	86.6	(1)	(1)	(1)	4.4	4.5	4.5
Longview	92.6	92.9	93.7	(1)	(1)	(1)	11.3	11.0	11.2
Lubbock	131.4	133.5	134.6	(1)	(1)	(1)	5.4	5.6	5.5
McAllen-Edinburg-Mission	205.0	213.1	215.1	(1)	(1)	(1)	11.0	11.1	11.1
Midland	64.3	65.9	65.8	(1)	(1)	(1)	13.8	14.7	14.5
Odessa	59.0	59.4	59.8	(1)	(1)	(1)	10.6	10.6	10.7
San Angelo	45.0	45.5	45.6	(1)	(1)	(1)	3.3	3.4	3.4
San Antonio	818.9	834.7	834.9	3.2	3.4	3.5	48.4	49.0	48.7
Sherman-Denison	45.0	45.9	45.9	(1)	(1)	(1)	2.8	2.9	2.9
Texarkana	55.9	56.7	56.9	(1)	(1)	(1)	2.6	2.7	2.7
Tyler	92.3	93.9	94.0	(1)	(1)	(1)	6.1	6.3	6.3
Victoria	50.6	51.3	51.3	(1)	(1)	(1)	7.6	7.8	7.8
Waco	107.2	109.0	109.3	(1)	(1)	(1)	5.6	5.7	5.7
Wichita Falls	63.0	63.5	63.5	(1)	(1)	(1)	4.0	4.2	4.2

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B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Manufacturing			Trade, transportation, and utilities			Information		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Oklahoma	150.0	151.0	150.1	286.7	286.3	286.9	29.4	29.3	29.6
Lawton	3.9	3.8	3.8	7.1	7.5	7.5	.5	.5	.5
Oklahoma City	37.8	38.2	37.5	101.7	103.0	103.0	13.6	13.5	13.7
Tulsa	50.3	50.7	49.6	85.2	86.3	87.2	9.4	9.5	9.6
Oregon	209.7	204.3	204.9	341.3	345.7	345.4	36.0	37.4	37.9
Bend	6.1	5.9	5.9	13.5	14.2	14.1	1.7	1.7	1.7
Corvallis	4.8	4.9	4.9	4.1	4.1	4.2	.9	1.0	1.0
Eugene-Springfield	20.2	19.9	19.8	29.4	29.4	29.5	3.8	3.9	3.9
Medford	7.1	7.1	7.2	21.1	21.2	21.8	1.6	1.7	1.7
Portland-Vancouver-Beaverton	128.1	127.9	127.2	205.3	206.2	206.7	23.9	24.5	24.5
Salem	16.6	17.5	16.6	25.9	26.3	26.2	1.5	1.5	1.5
Pennsylvania	671.7	661.0	658.9	1,136.1	1,131.7	1,144.0	107.9	107.5	107.3
Allentown-Bethlehem-Easton	40.2	38.9	38.9	71.0	72.8	73.6	7.5	7.6	7.5
Altoona	7.9	7.8	7.7	15.8	15.8	15.9	(²)	(²)	(²)
Erie	24.7	23.9	24.1	23.0	22.6	22.8	2.3	2.3	2.3
Harrisburg-Carlisle	24.8	24.1	23.9	70.1	70.8	71.7	6.6	6.6	6.6
Johnstown	5.0	4.6	4.6	12.0	12.0	12.2	(²)	(²)	(²)
Lancaster	43.4	42.3	42.2	53.4	54.2	54.6	3.8	3.9	3.9
Lebanon	10.0	9.9	9.8	11.8	11.8	11.8	(²)	(²)	(²)
Philadelphia-Camden-Wilmington	228.0	223.1	222.3	535.8	537.6	540.6	55.5	55.3	55.7
Pittsburgh	100.5	99.3	98.8	226.9	224.6	225.6	23.0	22.6	22.5
Reading	32.2	31.6	31.4	34.7	34.1	34.4	1.8	1.9	1.9
Scranton-Wilkes-Barre	35.0	34.9	34.9	59.1	59.9	60.4	6.3	6.4	6.4
State College	4.7	4.6	4.6	10.5	10.5	10.5	(²)	(²)	(²)
Williamsport	11.1	11.0	10.9	10.1	10.0	10.0	(²)	(²)	(²)
York-Hanover	37.7	37.5	37.5	38.8	39.1	39.5	2.0	2.0	2.0
Rhode Island	52.6	51.4	51.3	80.7	80.2	80.9	10.8	11.1	11.2
Providence-Fall River-Warwick	67.7	64.9	64.8	103.7	102.6	103.6	11.5	11.8	11.9
South Carolina	247.7	242.6	239.7	370.0	370.5	372.7	27.1	28.0	28.2
Anderson	13.6	13.1	13.1	11.7	11.3	11.2	(²)	(²)	(²)
Charleston-North Charleston	20.9	20.4	20.2	58.1	58.5	59.0	4.8	5.2	5.2
Columbia	30.8	30.4	30.1	67.5	66.4	66.6	6.1	6.3	6.4
Florence	(²)	(²)	(²)	16.9	17.8	17.6	(²)	(²)	(²)
Greenville-Mauldin-Easley	40.9	41.0	40.7	65.9	66.3	66.7	6.5	6.4	6.5
Myrtle Beach-Conway-North Myrtle Beach	(²)	(²)	(²)	24.5	25.5	25.5	(²)	(²)	(²)
Spartanburg	27.2	26.6	26.3	25.8	25.5	25.4	(²)	(²)	(²)
Sumter	8.8	8.2	8.1	(²)	(²)	(²)	(²)	(²)	(²)
South Dakota	42.1	42.9	42.9	80.9	82.5	82.4	7.1	7.2	7.2
Rapid City	3.6	3.4	3.4	12.9	13.5	13.3	1.1	1.2	1.2
Sioux Falls	13.3	13.0	13.1	28.3	29.1	29.2	3.0	3.1	3.1
Tennessee	394.8	388.3	387.4	610.2	615.1	615.5	50.5	52.0	51.9
Chattanooga	35.6	35.3	35.5	57.0	56.0	56.2	3.6	3.7	3.8
Clarksville	14.5	13.2	13.1	16.0	16.5	16.3	1.1	1.1	1.1
Cleveland	9.6	9.5	9.5	7.6	7.6	7.6	.3	.3	.3
Jackson	11.1	10.8	10.8	12.8	12.9	12.9	.7	.7	.7
Johnson City	10.3	10.1	10.1	13.8	14.4	14.6	2.3	2.3	2.3
Kingsport-Bristol-Bristol	25.0	24.8	24.8	25.1	25.9	25.6	2.5	2.5	2.5
Knoxville	38.6	38.5	38.3	71.4	72.6	72.3	6.1	5.9	5.8
Memphis	54.7	53.5	53.5	175.4	176.1	176.9	7.5	7.4	7.5
Morristown	15.9	15.1	15.1	10.4	10.5	10.6	.7	.7	.7
Nashville-Davidson-Murfreesboro-Franklin	84.4	82.0	81.8	155.5	155.8	157.4	19.7	19.5	19.5
Texas	934.2	928.1	926.0	2,053.1	2,070.5	2,076.5	221.3	220.4	221.9
Abilene	3.3	3.3	3.3	12.3	12.4	12.5	1.1	1.1	1.1
Amarillo	12.9	12.7	12.7	23.1	23.4	23.5	1.8	1.8	1.8
Austin-Round Rock	59.3	60.3	60.6	128.7	133.6	133.9	21.9	22.1	22.0
Beaumont-Port Arthur	21.3	20.7	20.7	31.4	31.4	31.4	2.6	2.5	2.5
Brownsville-Harlingen	7.8	7.7	7.7	24.2	25.4	25.4	1.3	1.3	1.3
College Station-Bryan	6.3	6.3	6.2	12.7	13.2	13.4	1.1	1.1	1.1
Corpus Christi	11.5	11.3	11.2	30.9	32.0	32.0	2.5	2.5	2.4
Dallas-Fort Worth-Arlington	300.0	302.3	300.4	615.9	619.2	623.5	91.9	93.1	93.6
El Paso	21.9	20.7	20.6	58.7	59.6	59.9	4.6	4.8	4.7
Houston-Sugar Land-Baytown	225.2	227.0	225.5	507.3	508.3	509.9	35.7	35.7	35.4
Killeen-Temple-Fort Hood	8.4	8.3	8.3	22.3	22.6	22.6	2.6	2.6	2.6
Laredo	1.5	1.5	1.4	27.1	27.2	27.3	.6	.6	.6
Longview	14.1	14.0	14.0	17.9	18.0	18.2	1.8	1.8	1.8
Lubbock	5.4	5.4	5.3	25.9	26.2	26.1	6.2	6.3	6.3
McAllen-Edinburg-Mission	7.9	7.6	7.6	43.1	43.9	43.9	3.1	3.2	3.2
Midland	2.7	2.7	2.7	12.0	12.1	12.1	1.6	1.5	1.5
Odessa	4.1	4.0	4.0	13.2	13.4	13.4	.8	.8	.8
San Angelo	3.6	3.6	3.6	8.0	8.1	8.2	1.9	1.9	1.9
San Antonio	49.6	49.6	49.7	143.7	145.5	146.9	20.1	20.3	20.2
Sherman-Denison	6.4	6.4	6.3	8.9	9.2	9.2	.6	.6	.6
Texarkana	5.5	5.5	5.5	12.1	12.2	12.2	.5	.5	.5
Tyler	8.5	9.2	9.2	19.5	19.6	19.7	2.0	2.0	2.0
Victoria	6.0	6.2	6.2	9.9	10.1	10.0	.6	.6	.6
Waco	15.7	15.6	15.6	18.5	18.5	18.6	1.8	1.8	1.8
Wichita Falls	7.9	7.9	7.9	11.4	11.5	11.4	1.4	1.4	1.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Financial activities			Professional and business services			Education and health services		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Oklahoma	84.1	83.3	83.8	176.0	179.6	179.2	190.2	192.3	193.9
Lawton	2.2	2.1	2.1	3.2	3.3	3.3	4.1	4.3	4.3
Oklahoma City	35.1	35.3	35.7	72.4	76.4	76.5	72.2	75.7	76.2
Tulsa	25.5	25.4	25.3	63.4	64.8	65.1	56.9	56.8	57.1
Oregon	106.5	106.2	105.5	196.8	197.0	197.6	208.6	210.0	213.6
Bend	5.1	5.0	5.0	7.5	8.0	7.8	8.4	8.8	8.9
Corvallis	1.5	1.5	1.5	3.5	3.7	3.6	5.2	5.2	5.3
Eugene-Springfield	8.4	8.5	8.5	16.5	16.3	16.3	19.6	19.9	20.1
Medford	4.7	4.7	4.6	8.0	8.0	7.9	11.9	12.2	12.2
Portland-Vancouver-Beaverton	70.5	70.7	70.4	136.9	138.4	138.8	126.1	126.1	129.0
Salem	7.6	7.6	7.6	12.3	12.7	12.5	19.7	19.7	20.2
Pennsylvania	333.2	333.3	332.4	685.6	700.1	702.3	1,077.5	1,086.3	1,107.9
Allentown-Bethlehem-Easton	16.6	17.1	17.1	44.2	45.3	45.6	62.6	63.6	64.6
Altoona	(²)	(²)	(²)	4.9	5.0	4.9	10.7	10.9	10.9
Erie	6.7	6.5	6.6	11.9	11.7	11.9	26.3	26.4	26.8
Harrisburg-Carlisle	24.8	25.2	25.2	39.7	40.7	40.9	45.2	46.4	46.5
Johnstown	(²)	(²)	(²)	6.6	6.7	6.7	13.8	13.4	13.7
Lancaster	9.5	9.3	9.1	20.9	21.3	21.3	36.6	37.4	37.9
Lebanon	(²)	(²)	(²)	(²)	(²)	(²)	8.2	8.4	8.5
Philadelphia-Camden-Wilmington	218.8	218.4	218.0	423.8	429.0	431.8	524.1	521.8	533.0
Pittsburgh	67.7	68.5	67.9	148.5	150.2	150.4	227.8	228.4	231.7
Reading	8.2	8.3	8.3	19.8	20.1	20.1	24.4	25.5	25.6
Scranton—Wilkes-Barre	12.8	12.8	12.8	24.4	25.1	25.2	51.2	50.1	51.7
State College	(²)	(²)	(²)	6.4	6.7	6.7	7.5	7.6	7.7
Williamsport	(²)	(²)	(²)	(²)	(²)	(²)	9.5	9.1	9.2
York-Hanover	6.0	6.1	6.1	17.1	18.1	18.2	23.3	23.7	24.3
Rhode Island	35.8	36.0	35.8	58.7	59.7	60.1	99.5	98.6	100.6
Providence-Fall River-Warwick	38.9	39.1	38.9	65.1	64.5	64.9	114.1	112.7	114.8
South Carolina	104.0	104.4	104.8	218.9	218.4	220.0	197.1	206.8	209.6
Anderson	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Charleston-North Charleston	13.5	13.0	13.0	37.4	39.5	39.1	30.9	30.9	31.4
Columbia	27.2	27.7	27.8	43.4	46.3	46.6	40.3	41.3	41.9
Florence	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Greenville-Mauldin-Easley	14.4	14.3	14.4	51.1	51.3	51.8	30.0	32.1	31.9
Myrtle Beach-Conway-North Myrtle Beach	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Spartanburg	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Sumter	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
South Dakota	30.0	31.1	31.3	25.8	26.8	27.2	58.9	60.1	60.6
Rapid City	3.7	3.9	3.9	4.5	4.5	4.5	9.0	9.0	9.0
Sioux Falls	15.9	16.6	16.6	10.1	10.6	10.9	23.5	24.3	24.4
Tennessee	144.6	145.3	144.9	326.1	324.2	324.5	342.4	349.0	349.1
Chattanooga	18.7	19.2	19.2	27.6	27.7	27.6	25.4	25.8	25.9
Clarksville	2.6	2.7	2.7	8.3	8.2	8.1	9.2	9.7	9.8
Cleveland	1.7	1.7	1.7	4.1	4.3	4.3	5.8	5.7	5.6
Jackson	1.8	1.9	1.9	4.6	4.7	4.7	8.4	8.4	8.5
Johnson City	4.7	5.0	5.0	8.1	7.7	7.8	11.4	11.4	11.5
Kingsport-Bristol-Bristol	4.1	4.2	4.2	8.8	8.2	8.4	16.8	17.2	17.2
Knoxville	17.4	17.6	17.5	39.5	40.1	39.6	40.9	41.0	41.3
Memphis	32.8	32.9	32.9	83.7	84.3	85.3	75.8	78.8	79.1
Morristown	2.0	2.0	2.0	3.5	3.6	3.7	5.4	5.4	5.5
Nashville-Davidson-Murfreesboro-Franklin	46.2	46.5	46.6	101.2	101.1	100.8	104.7	105.3	105.5
Texas	627.6	645.3	645.7	1,250.3	1,297.9	1,306.9	1,233.7	1,253.4	1,257.8
Abilene	3.2	3.3	3.3	4.5	4.7	4.7	13.6	13.7	13.8
Amarillo	6.3	6.4	6.3	8.9	9.6	9.5	15.2	15.5	15.4
Austin-Round Rock	43.8	44.8	44.9	100.4	102.1	102.6	74.4	75.8	76.0
Beaumont-Port Arthur	5.8	5.9	5.8	15.4	16.0	16.0	22.0	22.1	22.2
Brownsville-Harlingen	4.9	4.9	4.9	8.1	8.3	8.3	28.1	28.8	28.9
College Station-Bryan	3.6	3.7	3.8	5.7	5.9	5.7	9.3	9.5	9.5
Corpus Christi	7.9	7.9	7.9	17.0	17.4	17.7	26.3	26.9	27.0
Dallas-Fort Worth-Arlington	232.3	239.9	239.5	423.3	436.7	437.7	306.3	315.9	317.5
El Paso	10.9	11.2	11.2	30.3	33.1	33.6	31.9	31.7	32.0
Houston-Sugar Land-Baytown	141.4	144.2	144.6	363.2	374.2	375.2	274.9	283.1	285.0
Killeen-Temple-Fort Hood	6.2	6.2	6.2	9.1	9.3	9.3	15.7	15.9	16.0
Laredo	4.1	4.2	4.2	5.2	5.4	5.3	12.3	12.6	12.6
Longview	3.6	3.6	3.6	7.1	7.4	7.5	14.2	14.5	14.6
Lubbock	7.1	7.4	7.4	11.1	11.6	11.7	19.3	19.5	19.5
McAllen-Edinburg-Mission	8.6	9.3	9.4	13.3	13.9	14.1	45.0	47.3	47.4
Midland	3.4	3.4	3.5	7.3	7.7	7.7	6.5	6.6	6.6
Odessa	2.4	2.5	2.6	4.0	4.1	4.1	5.5	5.6	5.6
San Angelo	1.8	1.8	1.8	3.9	4.2	4.2	7.2	7.3	7.3
San Antonio	64.6	66.0	65.7	105.5	109.0	108.8	114.2	116.2	116.5
Sherman-Denison	2.6	2.7	2.7	2.6	2.7	2.7	8.3	8.3	8.4
Texarkana	2.6	2.7	2.7	3.2	3.2	3.3	9.1	9.2	9.2
Tyler	4.2	4.1	4.1	7.9	8.5	8.3	18.4	17.8	18.0
Victoria	2.2	2.2	2.2	3.2	3.3	3.3	6.5	6.7	6.7
Waco	6.0	6.0	5.9	8.7	9.1	9.3	19.5	19.8	19.8
Wichita Falls	2.5	2.6	2.6	4.0	4.0	4.0	10.2	10.4	10.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Leisure and hospitality			Other services			Government		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Oklahoma	137.2	140.6	139.7	74.6	77.1	77.2	326.7	325.8	332.2
Lawton	4.2	4.3	4.3	1.7	1.7	1.7	13.1	13.1	13.4
Oklahoma City	57.0	60.5	60.1	27.7	29.0	29.1	114.6	114.6	116.6
Tulsa	35.7	36.9	36.6	21.8	22.1	22.1	54.6	53.6	56.1
Oregon	167.5	176.4	171.3	60.0	60.7	60.5	291.6	279.4	294.3
Bend	9.3	10.4	9.7	2.2	2.3	2.3	8.1	7.7	8.3
Corvallis	3.7	3.5	3.8	1.3	1.3	1.3	12.6	11.5	12.5
Eugene-Springfield	14.3	14.6	14.4	5.2	5.1	5.1	29.1	26.3	29.4
Medford	9.3	10.1	9.8	2.9	2.9	2.9	12.2	11.1	11.7
Portland-Vancouver-Beaverton	94.4	97.9	96.6	35.9	36.3	36.2	141.0	135.8	142.6
Salem	12.1	13.1	12.1	5.4	5.4	5.4	40.7	39.4	40.4
Pennsylvania	487.7	510.2	497.3	259.5	261.6	261.4	764.5	741.3	760.3
Allentown-Bethlehem-Easton	29.7	32.1	30.8	14.9	14.8	14.6	42.2	41.2	42.4
Altoona	5.3	5.6	5.1	(²)	(²)	(²)	8.8	8.8	9.0
Erie	12.2	13.6	13.0	6.2	6.2	6.2	16.8	16.8	17.3
Harrisburg-Carlisle	27.9	30.2	28.8	17.0	17.1	17.1	63.6	62.2	62.8
Johnstown	4.8	4.8	4.7	(²)	(²)	(²)	10.0	9.9	10.1
Lancaster	21.3	22.6	21.9	10.4	10.6	10.6	21.4	21.5	21.9
Lebanon	(²)	(²)	(²)	(²)	(²)	(²)	7.8	7.8	8.0
Philadelphia-Camden-Wilmington	219.7	228.0	223.9	124.9	127.2	127.0	358.5	350.2	359.1
Pittsburgh	106.1	109.4	106.6	55.1	54.6	54.6	130.1	127.5	131.7
Reading	13.3	13.5	13.2	8.0	8.0	8.0	23.7	23.0	23.6
Scranton—Wilkes-Barre	22.1	22.6	22.2	9.7	9.7	9.6	32.3	31.5	32.2
State College	7.0	7.9	7.8	(²)	(²)	(²)	31.1	29.1	32.2
Williamsport	4.0	4.1	4.0	(²)	(²)	(²)	8.3	7.7	8.0
York-Hanover	14.7	15.8	15.1	8.9	9.1	9.0	20.5	20.3	20.8
Rhode Island	51.2	54.6	52.1	22.8	23.5	23.4	65.3	63.4	65.0
Providence-Fall River-Warwick	60.5	63.8	61.3	26.1	26.2	26.1	74.8	73.8	75.5
South Carolina	209.6	217.8	217.4	77.8	79.8	79.9	336.0	338.1	342.5
Anderson	(²)	(²)	(²)	(²)	(²)	(²)	12.1	12.5	12.6
Charleston-North Charleston	34.8	36.1	36.3	12.6	13.2	13.1	54.8	56.3	56.8
Columbia	31.0	30.2	30.9	14.7	15.0	15.0	82.0	82.0	83.1
Florence	(²)	(²)	(²)	(²)	(²)	(²)	16.7	16.5	16.9
Greenville-Mauldin-Easley	30.2	31.4	31.8	12.7	12.6	12.5	41.2	43.2	43.7
Myrtle Beach-Conway-North Myrtle Beach	33.2	37.2	35.8	(²)	(²)	(²)	14.3	14.5	14.8
Spartanburg	(²)	(²)	(²)	(²)	(²)	(²)	18.5	18.5	18.6
Sumter	(²)	(²)	(²)	(²)	(²)	(²)	7.3	7.4	7.5
South Dakota	42.6	45.3	42.9	15.6	16.1	16.0	76.7	75.1	76.1
Rapid City	8.0	9.1	8.2	2.6	2.7	2.7	10.1	9.6	10.1
Sioux Falls	12.5	13.3	13.0	4.7	4.8	4.8	11.9	12.0	12.2
Tennessee	270.6	284.6	278.7	100.9	102.4	102.2	421.4	422.3	423.8
Chattanooga	22.7	23.5	23.1	10.8	10.9	10.8	35.4	35.3	35.5
Clarksville	8.5	8.5	8.5	3.0	3.1	3.1	18.2	18.3	18.3
Cleveland	4.0	4.3	4.0	2.5	2.5	2.5	5.5	5.3	5.3
Jackson	5.2	5.4	5.4	2.2	2.2	2.2	11.8	12.3	12.3
Johnson City	8.1	8.7	8.6	2.6	2.6	2.6	16.4	16.9	17.2
Kingsport-Bristol-Bristol	11.9	12.5	12.0	4.3	4.3	4.3	16.3	16.5	16.5
Knoxville	35.5	36.3	35.7	13.9	14.2	14.1	53.3	52.9	53.4
Memphis	71.8	76.2	75.5	24.6	24.8	24.9	90.3	88.8	90.1
Morristown	3.3	3.4	3.4	1.7	1.7	1.7	7.1	6.8	7.1
Nashville-Davidson-Murfreesboro-Franklin	76.8	79.4	78.7	30.9	31.6	31.7	99.3	99.7	100.1
Texas	950.9	995.2	988.4	344.0	352.0	350.6	1,749.7	1,743.6	1,771.9
Abilene	6.8	7.1	6.9	3.0	3.0	3.0	12.9	12.8	13.0
Amarillo	10.9	11.0	10.4	4.7	4.8	4.8	19.5	19.2	19.6
Austin-Round Rock	75.3	79.7	79.4	28.2	30.1	30.4	156.9	157.1	159.4
Beaumont-Port Arthur	14.1	14.5	14.5	6.2	6.3	6.2	26.9	25.9	26.4
Brownsville-Harlingen	11.1	12.1	12.0	3.3	3.3	3.3	28.2	27.4	27.8
College Station-Bryan	9.6	9.7	9.7	2.9	2.8	2.8	35.7	33.5	35.1
Corpus Christi	20.2	21.7	20.9	6.4	6.3	6.2	33.1	32.3	32.8
Dallas-Fort Worth-Arlington	272.4	283.2	283.6	107.7	109.7	108.6	371.8	370.2	375.5
El Paso	25.8	26.1	25.7	7.7	7.7	7.7	62.2	62.7	62.8
Houston-Sugar Land-Baytown	220.0	229.2	226.4	96.1	99.9	96.3	356.9	354.2	360.3
Killeen-Temple-Fort Hood	10.5	10.5	10.2	4.9	4.9	4.9	33.7	32.8	33.5
Laredo	8.0	8.3	8.3	2.0	2.0	2.0	20.5	20.2	20.4
Longview	7.4	7.6	7.5	3.4	3.4	3.4	11.8	11.6	11.9
Lubbock	15.4	15.8	15.8	5.2	5.3	5.3	30.4	30.4	31.7
McAllen-Edinburg-Mission	17.1	17.2	17.3	5.0	5.1	5.1	50.9	54.5	56.0
Midland	6.0	6.3	6.2	2.4	2.5	2.4	8.6	8.4	8.6
Odessa	5.9	6.1	6.1	3.2	3.2	3.2	9.3	9.1	9.3
San Angelo	4.5	4.6	4.6	1.9	1.9	1.9	8.9	8.7	8.7
San Antonio	93.0	98.8	96.4	28.8	29.8	29.6	147.8	147.1	148.9
Sherman-Denison	4.5	4.7	4.7	1.5	1.5	1.5	6.8	6.9	6.9
Texarkana	5.2	5.4	5.4	2.2	2.2	2.2	12.9	13.1	13.2
Tyler	9.5	10.4	10.2	3.7	3.8	3.8	12.5	12.2	12.4
Victoria	4.2	4.4	4.4	1.7	1.7	1.7	8.7	8.3	8.4
Waco	10.0	10.6	10.5	4.2	4.3	4.3	17.2	17.6	17.8
Wichita Falls	5.8	6.0	6.0	3.1	3.1	3.1	12.7	12.4	12.5

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Natural resources and mining			Construction		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Utah	1,223.9	1,275.8	1,275.3	10.4	11.5	11.6	100.8	112.4	111.4
Logan	52.5	53.0	53.9	(1)	(1)	(1)	3.3	3.5	3.5
Ogden-Clearfield	197.1	203.5	202.9	(1)	(1)	(1)	17.5	19.1	18.8
Provo-Orem	186.0	195.0	195.9	(1)	(1)	(1)	17.6	21.5	21.4
St. George	53.0	55.0	55.0	(1)	(1)	(1)	8.9	9.0	9.0
Salt Lake City	621.8	648.5	648.9	(1)	(1)	(1)	47.6	53.1	52.6
Vermont	311.3	311.3	312.6	1.0	1.0	1.0	18.5	18.7	18.5
Burlington-South Burlington	115.5	114.9	115.7	(1)	(1)	(1)	6.3	6.5	6.3
Virginia	3,752.0	3,802.7	3,808.2	11.4	11.4	11.5	251.1	254.8	252.6
Blacksburg-Christiansburg-Radford	73.7	72.6	74.1	(2)	(2)	(2)	(2)	(2)	(2)
Charlottesville	100.5	102.9	104.0	(2)	(2)	(2)	(2)	(2)	(2)
Danville	40.0	42.7	43.0	(2)	(2)	(2)	(2)	(2)	(2)
Harrisonburg	65.6	66.8	67.4	(2)	(2)	(2)	(2)	(2)	(2)
Lynchburg	109.5	111.0	111.7	(2)	(2)	(2)	(2)	(2)	(2)
Richmond	634.5	631.5	635.5	(1)	(1)	(1)	46.3	48.1	48.6
Roanoke	163.3	165.6	166.1	(1)	(1)	(1)	10.6	10.9	11.0
Virginia Beach-Norfolk-Newport News	768.1	783.8	783.1	(1)	(1)	(1)	50.2	52.5	52.5
Winchester	59.2	59.7	60.6	(2)	(2)	(2)	(2)	(2)	(2)
Washington	2,904.3	2,948.2	2,962.0	8.8	8.1	8.0	205.1	215.8	213.7
Bellingham	83.9	84.3	86.9	(1)	(1)	(1)	8.6	9.0	9.1
Bremerton-Silverdale	87.0	86.8	87.8	(1)	(1)	(1)	5.9	6.4	6.4
Kennewick-Richland-Pasco	87.9	91.0	91.6	(1)	(1)	(1)	6.3	7.6	7.6
Longview	38.5	39.2	39.4	(1)	(1)	(1)	3.8	3.7	3.7
Mount Vernon-Anacortes	46.8	47.8	47.7	(1)	(1)	(1)	4.3	4.5	4.5
Olympia	99.7	101.3	102.3	(1)	(1)	(1)	6.3	6.6	6.5
Seattle-Tacoma-Bellevue	1,713.1	1,750.6	1,755.6	1.5	1.5	1.5	119.6	128.2	127.1
Spokane	217.8	220.6	222.5	(1)	(1)	(1)	14.6	15.8	15.6
Wenatchee	39.6	41.0	41.1	(1)	(1)	(1)	3.2	3.1	3.1
Yakima	80.3	81.8	82.1	(1)	(1)	(1)	4.3	4.5	4.4
West Virginia	763.2	764.0	765.8	28.6	29.2	29.5	41.5	42.1	42.1
Charleston	150.6	151.5	151.5	(1)	(1)	(1)	16.8	17.8	17.6
Huntington-Ashland	120.7	120.3	120.9	(2)	(2)	(2)	(2)	(2)	(2)
Morgantown	61.6	62.5	63.2	(2)	(2)	(2)	(2)	(2)	(2)
Parkersburg-Marietta-Vienna	74.2	74.1	74.5	(2)	(2)	(2)	(2)	(2)	(2)
Wheeling	68.8	68.6	69.2	(2)	(2)	(2)	(2)	(2)	(2)
Wisconsin	2,891.3	2,898.8	2,912.2	4.1	4.3	4.2	132.4	132.7	132.2
Appleton	119.6	122.2	122.3	(1)	(1)	(1)	8.8	9.2	9.0
Eau Claire	83.4	84.3	85.3	(1)	(1)	(1)	3.4	3.4	3.4
Fond du Lac	49.0	49.3	49.4	(1)	(1)	(1)	2.9	3.0	3.0
Green Bay	170.9	171.7	173.0	(1)	(1)	(1)	9.0	9.4	9.1
Janesville	71.0	70.7	70.7	(1)	(1)	(1)	3.4	3.5	3.4
La Crosse	74.7	75.2	75.1	(1)	(1)	(1)	3.0	2.9	2.8
Madison	351.8	353.2	356.1	(1)	(1)	(1)	17.9	18.5	18.3
Milwaukee-Waukesha-West Allis	855.8	862.9	864.4	.5	.6	.5	35.7	35.1	34.7
Oshkosh-Neenah	93.1	93.4	93.0	(1)	(1)	(1)	4.0	4.0	3.9
Racine	80.7	81.2	81.4	(1)	(1)	(1)	3.4	3.4	3.3
Sheboygan	63.9	65.2	65.1	(1)	(1)	(1)	2.7	2.7	2.7
Wausau	74.2	74.4	74.6	(1)	(1)	(1)	3.5	3.6	3.5
Wyoming	281.5	294.0	291.0	27.7	27.5	27.5	25.2	27.9	28.0
Casper	39.5	40.5	40.7	4.2	4.2	4.1	2.7	2.9	2.8
Cheyenne	43.0	44.6	44.6	(1)	(1)	(1)	3.3	3.3	3.3
Puerto Rico	1,032.8	1,021.1	1,018.9	(1)	(1)	(1)	67.4	66.7	66.8
Aguadilla-Isabela-San Sebastian	49.4	47.6	47.5	(2)	(2)	(2)	(2)	(2)	(2)
Fajardo	17.1	16.7	16.4	(2)	(2)	(2)	(2)	(2)	(2)
Guayama	18.7	18.1	18.0	(2)	(2)	(2)	(2)	(2)	(2)
Mayaguez	39.9	40.3	40.2	(2)	(2)	(2)	(2)	(2)	(2)
Ponce	68.2	69.4	69.5	(1)	(1)	(1)	3.1	3.7	3.7
San German-Cabo Rojo	23.5	23.0	22.9	(2)	(2)	(2)	(2)	(2)	(2)
San Juan-Caguas-Guaynabo	767.8	752.9	752.7	(1)	(1)	(1)	52.5	53.0	53.5
Yauco	15.1	14.8	14.8	(2)	(2)	(2)	(2)	(2)	(2)
Virgin Islands	45.1	46.3	46.5	(1)	(1)	(1)	3.1	3.1	3.0

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Manufacturing			Trade, transportation, and utilities			Information		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Utah	123.5	129.0	129.3	238.6	248.2	248.9	32.5	33.0	32.9
Logan	10.3	10.7	10.8	8.2	8.3	8.3	1.2	1.2	1.3
Ogden-Clearfield	22.7	23.2	23.4	36.9	38.3	38.5	2.3	2.0	2.0
Provo-Orem	18.8	19.9	20.0	29.9	31.3	31.6	8.1	8.1	8.1
St. George	3.3	3.2	3.3	12.0	12.4	12.4	.9	.8	.8
Salt Lake City	55.8	58.6	58.6	127.9	132.5	132.7	18.7	19.0	18.9
Vermont	36.2	35.9	35.9	60.0	59.5	60.3	6.0	6.0	6.0
Burlington-South Burlington	14.9	14.6	14.7	22.1	22.1	22.3	3.0	2.9	2.9
Virginia	284.9	287.3	286.6	668.3	674.7	680.5	91.5	91.6	91.2
Blacksburg-Christiansburg-Radford	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Charlottesville	(²)	(²)	(²)	14.1	14.5	14.5	(²)	(²)	(²)
Danville	5.9	7.8	7.8	8.4	8.0	8.6	(²)	(²)	(²)
Harrisonburg	11.2	11.0	11.0	13.4	14.1	14.2	(²)	(²)	(²)
Lynchburg	19.5	19.3	19.4	20.1	20.3	20.6	(²)	(²)	(²)
Richmond	44.7	43.2	43.0	116.4	116.4	116.7	11.1	11.6	11.2
Roanoke	18.7	18.9	18.9	36.4	35.9	36.1	2.6	2.6	2.6
Virginia Beach-Norfolk-Newport News	56.8	57.2	57.3	143.6	144.6	146.8	15.1	15.6	15.5
Winchester	(²)	(²)	(²)	12.7	12.7	12.8	(²)	(²)	(²)
Washington	292.3	298.2	298.3	549.5	558.7	560.1	102.0	105.9	106.0
Bellingham	9.0	9.2	9.3	15.7	16.0	16.1	(²)	(²)	(²)
Bremerton-Silverdale	2.1	2.2	2.2	14.6	14.7	14.8	(²)	(²)	(²)
Kennewick-Richland-Pasco	6.2	6.6	6.6	15.9	16.8	16.9	(²)	(²)	(²)
Longview	7.5	7.3	7.2	7.6	8.3	8.5	(²)	(²)	(²)
Mount Vernon-Anacortes	5.4	5.4	5.4	10.2	10.5	10.5	(²)	(²)	(²)
Olympia	3.4	3.4	3.4	16.4	16.6	16.8	(²)	(²)	(²)
Seattle-Tacoma-Bellevue	184.2	189.7	190.0	323.0	327.9	328.3	84.5	88.2	88.2
Spokane	18.9	18.9	18.8	44.2	45.1	45.4	3.2	3.3	3.3
Wenatchee	2.6	2.7	2.7	8.9	9.4	9.4	(²)	(²)	(²)
Yakima	9.9	9.8	9.8	17.8	18.2	18.1	(²)	(²)	(²)
West Virginia	60.5	59.4	59.0	143.0	143.9	143.9	11.6	11.5	11.4
Charleston	6.2	5.9	6.0	28.9	29.1	28.9	2.8	2.8	2.8
Huntington-Ashland	9.9	10.1	10.2	(²)	(²)	(²)	(²)	(²)	(²)
Morgantown	3.8	4.1	4.1	(²)	(²)	(²)	(²)	(²)	(²)
Parkersburg-Marietta-Vienna	8.7	8.9	9.0	(²)	(²)	(²)	(²)	(²)	(²)
Wheeling	4.5	4.5	4.5	(²)	(²)	(²)	(²)	(²)	(²)
Wisconsin	504.3	503.0	498.9	548.1	551.8	555.3	48.8	50.3	50.3
Appleton	24.0	24.7	24.4	22.3	22.7	22.8	2.0	2.0	2.0
Eau Claire	11.4	11.6	11.5	16.9	17.5	17.6	1.2	1.2	1.2
Fond du Lac	11.1	11.3	11.2	9.4	9.4	9.4	.9	1.0	1.0
Green Bay	30.0	30.3	30.2	35.6	35.4	35.7	2.4	2.6	2.6
Janesville	14.7	14.2	14.1	16.1	16.5	16.5	1.2	1.3	1.3
La Crosse	9.7	9.8	9.7	15.1	15.4	15.3	1.3	1.3	1.3
Madison	32.6	32.4	32.2	62.3	59.8	62.3	9.0	9.4	9.4
Milwaukee-Waukesha-West Allis	132.3	131.9	131.1	154.9	155.0	155.4	17.8	18.1	18.0
Oshkosh-Neenah	22.8	23.3	23.3	15.1	15.0	15.1	1.6	1.7	1.7
Racine	18.7	18.9	18.8	15.2	15.4	15.5	.6	.6	.6
Sheboygan	22.8	23.3	23.0	9.0	9.3	9.3	.3	.3	.3
Wausau	18.0	17.9	17.8	16.4	16.4	16.6	.8	.9	.9
Wyoming	10.1	10.2	10.4	53.0	55.9	55.6	4.2	4.1	4.2
Casper	1.9	2.0	2.0	8.8	9.0	9.1	.6	.6	.6
Cheyenne	1.6	1.7	1.7	9.2	9.7	9.6	1.0	1.0	1.0
Puerto Rico	107.5	102.1	101.5	183.5	179.6	178.4	21.9	21.2	21.2
Aguadilla-Isabela-San Sebastian	7.7	6.9	6.9	8.9	8.8	8.7	(²)	(²)	(²)
Fajardo	(²)	(²)	(²)	3.0	2.9	2.9	(²)	(²)	(²)
Guayama	3.8	4.1	4.0	2.5	2.4	2.4	(²)	(²)	(²)
Mayaguez	3.6	3.9	3.7	7.3	6.9	6.7	.5	.5	.5
Ponce	9.2	8.7	8.8	10.7	10.6	10.3	.7	.6	.6
San German-Cabo Rojo	5.6	5.7	5.5	2.8	2.7	2.6	(²)	(²)	(²)
San Juan-Caguas-Guaynabo	70.6	66.2	66.0	140.7	136.2	135.8	19.4	18.8	18.9
Yauco	(²)	(²)	(²)	2.5	2.4	2.4	(²)	(²)	(²)
Virgin Islands	2.3	2.2	2.2	8.6	8.7	8.8	.8	.8	.8

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Financial activities			Professional and business services			Education and health services		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Utah	72.4	75.9	76.4	158.8	164.6	163.7	138.1	142.1	143.5
Logan	1.7	1.7	1.7	5.1	5.1	5.1	5.1	5.1	5.3
Ogden-Clearfield	8.8	8.9	8.8	21.4	23.2	23.0	20.4	20.7	20.6
Provo-Orem	6.6	6.8	6.9	22.8	23.1	23.4	39.4	40.2	40.7
St. George	2.3	2.4	2.4	3.9	4.3	4.3	7.0	7.3	7.3
Salt Lake City	49.5	52.3	52.7	100.8	105.2	105.5	57.4	59.8	60.4
Vermont	13.1	13.3	13.2	22.5	22.7	22.8	55.8	56.7	56.4
Burlington-South Burlington	5.2	5.2	5.2	10.5	10.4	10.6	18.7	18.6	18.8
Virginia	196.8	199.6	198.5	633.9	650.5	654.2	412.8	417.4	419.0
Blacksburg-Christiansburg-Radford	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Charlottesville	(2)	(2)	(2)	11.3	11.5	11.5	(2)	(2)	(2)
Danville	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Harrisonburg	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Lynchburg	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Richmond	47.6	48.0	47.9	96.7	96.3	96.7	74.3	73.0	74.1
Roanoke	8.8	8.7	8.6	22.5	23.6	23.5	22.0	22.3	22.3
Virginia Beach-Norfolk-Newport News	40.7	42.6	41.9	102.2	105.3	105.2	87.9	89.3	89.5
Winchester	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Washington	156.0	158.9	158.7	338.0	348.5	348.0	342.4	346.6	350.9
Bellingham	3.1	3.2	3.2	7.0	7.6	7.5	(2)	(2)	(2)
Bremerton-Silverdale	(2)	(2)	(2)	8.1	8.6	8.5	(2)	(2)	(2)
Kennewick-Richland-Pasco	3.5	3.6	3.6	18.5	18.4	18.4	9.4	9.4	9.5
Longview	(2)	(2)	(2)	2.1	2.1	2.1	4.8	4.8	4.8
Mount Vernon-Anacortes	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Olympia	4.1	4.1	4.1	7.6	7.8	7.9	(2)	(2)	(2)
Seattle-Tacoma-Bellevue	105.0	105.4	105.0	232.3	242.1	242.4	188.8	192.1	194.0
Spokane	13.6	13.9	13.8	23.6	24.7	24.6	35.2	35.8	35.9
Wenatchee	(2)	(2)	(2)	(2)	(2)	(2)	5.8	5.9	5.9
Yakima	(2)	(2)	(2)	4.4	4.4	4.4	13.4	14.1	14.2
West Virginia	30.4	29.9	30.2	60.3	61.4	61.7	114.2	113.4	114.6
Charleston	8.3	8.3	8.2	14.4	14.8	14.8	21.1	21.2	21.3
Huntington-Ashland	(2)	(2)	(2)	(2)	(2)	(2)	22.5	22.9	23.0
Morgantown	(2)	(2)	(2)	4.3	4.3	4.3	11.7	11.7	11.7
Parkersburg-Marietta-Vienna	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Wheeling	(2)	(2)	(2)	(2)	(2)	(2)	13.2	13.2	13.3
Wisconsin	160.9	161.6	162.6	275.2	280.6	283.0	395.4	397.5	401.0
Appleton	7.6	7.7	7.7	13.2	13.8	13.9	12.8	13.0	13.1
Eau Claire	4.3	4.5	4.6	8.5	8.9	9.0	13.4	13.8	13.9
Fond du Lac	1.9	2.0	2.0	2.9	2.9	3.0	6.5	6.3	6.3
Green Bay	11.8	12.2	12.2	15.9	16.2	16.3	21.5	21.7	21.9
Janesville	2.0	2.1	2.0	5.6	5.4	5.4	9.8	9.9	10.0
La Crosse	2.1	2.3	2.3	6.8	6.9	6.9	14.9	15.1	15.2
Madison	27.4	27.7	27.8	37.2	38.4	38.5	35.2	35.7	36.0
Milwaukee-Waukesha-West Allis	57.1	58.5	58.8	114.0	115.4	115.4	138.1	141.5	142.4
Oshkosh-Neenah	3.9	3.9	3.9	10.4	10.7	10.6	10.8	11.0	11.0
Racine	2.8	2.9	2.9	7.1	7.4	7.4	11.0	10.9	11.0
Sheboygan	2.5	2.5	2.6	4.3	4.5	4.5	7.7	7.8	7.9
Wausau	6.0	5.8	5.7	4.3	4.5	4.5	8.7	8.9	9.0
Wyoming	11.1	11.3	11.3	17.7	18.9	18.8	22.7	23.4	23.5
Casper	2.1	2.1	2.2	2.9	3.1	3.0	4.8	4.9	5.0
Cheyenne	2.0	2.0	2.0	3.4	3.5	3.5	3.5	3.7	3.8
Puerto Rico	49.6	50.1	49.8	104.8	105.3	104.0	105.9	109.9	110.6
Aguadilla-Isabela-San Sebastian	1.6	1.8	1.8	(2)	(2)	(2)	(2)	(2)	(2)
Fajardo	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Guayama	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Mayaguez	2.0	2.1	2.1	3.6	3.4	3.9	4.8	5.1	5.1
Ponce	2.0	2.2	2.1	(2)	(2)	(2)	10.2	10.9	11.0
San German-Cabo Rojo	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
San Juan-Caguas-Guaynabo	41.6	41.3	41.0	87.8	87.8	87.5	74.8	76.3	76.7
Yauco	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Virgin Islands	2.6	2.6	2.6	3.5	3.4	3.4	2.4	2.4	2.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-14. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Leisure and hospitality			Other services			Government		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Utah	106.7	114.3	111.6	34.4	36.5	35.9	207.7	208.3	210.1
Logan	3.8	3.9	3.8	1.1	1.2	1.2	12.7	12.3	12.9
Ogden-Clearfield	16.8	17.8	17.3	6.0	6.1	6.1	44.3	44.2	44.4
Provo-Orem	13.5	14.3	13.9	4.1	4.3	4.3	25.2	25.5	25.6
St. George	6.9	7.4	7.2	1.3	1.5	1.5	6.5	6.7	6.8
Salt Lake City	52.6	55.1	54.6	19.0	20.0	19.6	92.5	92.9	93.3
Vermont	31.8	33.1	32.1	9.9	9.9	9.9	56.5	54.5	56.5
Burlington-South Burlington	10.7	11.3	10.8	3.5	3.5	3.5	20.6	19.8	20.6
Virginia	337.4	352.3	343.4	181.9	184.3	184.6	682.0	678.8	686.1
Blacksburg-Christiansburg-Radford	(²)	(²)	(²)	(²)	(²)	(²)	22.8	22.0	23.4
Charlottesville	10.8	11.2	11.1	(²)	(²)	(²)	31.0	31.8	32.4
Danville	(²)	(²)	(²)	(²)	(²)	(²)	6.7	6.9	7.0
Harrisonburg	(²)	(²)	(²)	(²)	(²)	(²)	10.8	10.7	11.1
Lynchburg	(²)	(²)	(²)	(²)	(²)	(²)	14.6	14.8	15.0
Richmond	51.0	51.5	51.8	32.0	31.2	31.3	114.4	112.2	114.2
Roanoke	13.1	13.3	13.1	6.8	6.9	6.9	21.8	22.5	23.1
Virginia Beach-Norfolk-Newport News	84.0	89.7	86.2	34.3	35.2	35.1	153.3	151.8	153.1
Winchester	(²)	(²)	(²)	(²)	(²)	(²)	7.7	7.5	7.8
Washington	273.2	287.4	276.7	104.3	105.8	104.5	532.7	514.3	537.1
Bellingham	9.7	10.4	10.3	(²)	(²)	(²)	16.5	13.9	16.5
Bremerton-Silverdale	8.4	9.1	8.8	(²)	(²)	(²)	28.2	25.6	26.4
Kennewick-Richland-Pasco	7.7	7.9	7.8	(²)	(²)	(²)	16.2	15.9	16.5
Longview	3.5	3.6	3.5	(²)	(²)	(²)	6.0	5.9	6.1
Mount Vernon-Anacortes	4.8	5.1	4.8	(²)	(²)	(²)	10.3	10.2	10.3
Olympia	8.2	8.7	8.4	(²)	(²)	(²)	36.3	35.8	36.9
Seattle-Tacoma-Bellevue	158.3	166.1	161.5	62.4	63.5	63.4	253.5	245.9	254.2
Spokane	20.3	20.6	20.4	9.3	9.6	9.5	34.9	32.9	35.2
Wenatchee	4.9	5.6	5.2	(²)	(²)	(²)	8.8	8.3	8.8
Yakima	6.8	7.2	7.0	(²)	(²)	(²)	17.3	16.4	17.0
West Virginia	71.1	74.2	71.7	55.7	56.6	56.3	146.3	142.4	145.4
Charleston	12.4	12.5	12.4	11.7	11.8	11.8	28.0	27.3	27.7
Huntington-Ashland	11.1	11.3	11.3	(²)	(²)	(²)	20.9	20.1	20.5
Morgantown	6.0	6.4	6.3	(²)	(²)	(²)	17.5	17.1	17.7
Parkersburg-Marietta-Vienna	(²)	(²)	(²)	(²)	(²)	(²)	11.1	10.9	11.1
Wheeling	(²)	(²)	(²)	(²)	(²)	(²)	10.4	10.1	10.4
Wisconsin	259.9	272.0	265.8	136.2	138.8	137.9	426.0	406.2	421.0
Appleton	10.8	11.1	10.8	6.3	6.3	6.4	11.8	11.7	12.2
Eau Claire	7.7	7.7	7.8	3.8	3.8	3.8	12.8	11.9	12.5
Fond du Lac	4.5	4.5	4.4	2.9	3.2	3.2	6.0	5.7	5.9
Green Bay	16.1	16.2	16.0	7.2	7.2	7.4	21.4	20.5	21.6
Janesville	6.4	6.4	6.3	3.0	3.0	3.0	8.8	8.4	8.7
La Crosse	7.4	7.4	7.3	3.2	3.2	3.2	11.2	10.9	11.1
Madison	29.9	31.4	30.3	17.9	18.1	18.1	82.4	81.8	83.2
Milwaukee-Waukesha-West Allis	70.0	73.9	72.3	41.5	41.4	41.4	93.9	91.5	94.4
Oshkosh-Neenah	6.9	7.0	6.9	4.6	4.8	4.5	13.0	12.0	12.1
Racine	7.0	7.2	7.1	4.6	4.7	4.6	10.3	9.8	10.2
Sheboygan	4.8	5.2	5.1	3.2	3.2	3.2	6.6	6.4	6.5
Wausau	5.3	5.6	5.5	3.1	3.1	3.1	8.1	7.7	8.0
Wyoming	31.7	36.1	32.2	11.0	11.7	11.5	67.1	67.0	68.0
Casper	3.8	4.2	4.0	1.9	2.0	2.0	5.8	5.5	5.9
Cheyenne	4.3	4.7	4.5	1.7	1.7	1.7	13.0	13.3	13.5
Puerto Rico	73.8	72.4	71.3	21.4	23.0	22.9	297.0	290.8	292.4
Aguadilla-Isabela-San Sebastian	3.3	3.0	2.9	(²)	(²)	(²)	17.0	17.0	17.0
Fajardo	2.7	2.7	2.7	(²)	(²)	(²)	4.7	4.5	4.5
Guayama	(²)	(²)	(²)	(²)	(²)	(²)	7.0	6.9	6.9
Mayaguez	2.8	3.1	3.0	(²)	(²)	(²)	12.3	12.2	12.3
Ponce	4.5	4.3	4.4	(²)	(²)	(²)	19.7	18.9	19.0
San German-Cabo Rojo	(²)	(²)	(²)	(²)	(²)	(²)	6.5	6.3	6.4
San Juan-Caguas-Guaynabo	54.6	53.4	52.4	17.6	16.1	15.9	208.2	203.8	205.0
Yauco	(²)	(²)	(²)	(²)	(²)	(²)	6.5	6.4	6.4
Virgin Islands	7.1	7.4	7.5	2.4	2.9	3.0	12.3	12.8	12.8

¹ Natural resources and mining is combined with construction.

² Data not available.

³ Area boundaries do not reflect official OMB definitions.

^P = preliminary.

NOTE: Data are counts of jobs by place of work. State and area data are currently projected from 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, unadjusted data from April 2006 are subject to revision. Area definitions are based on Office of Management and Budget

Bulletin No. 07-01, dated December 18, 2006, and are available at <http://www.bls.gov/lau/lausmsa.htm> and in the May issue of *Employment and Earnings*. Areas in the six New England states are Metropolitan New England City and Town Areas (NECTAs), while areas in other states are county-based. Some metropolitan areas lie in two or more states. They are listed under the state that appears first in their titles. Davenport-Moline-Rock Island, Iowa-Ill., and Weirton-Steubenville, W. Va.-Ohio, are the exceptions in that they are listed under Illinois and Ohio, respectively, for operational reasons.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-15. Employees on nonfarm payrolls by state, selected metropolitan area, and metropolitan division

(Numbers in thousands)

State, area, and division	Total			Natural resources and mining		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	15,222.8	15,293.9	15,332.1	26.7	26.4	26.1
Los Angeles-Long Beach-Santa Ana	5,653.0	5,668.7	5,683.1	4.6	4.6	4.6
Los Angeles-Long Beach-Glendale	4,121.4	4,143.3	4,151.1	4.0	4.0	4.0
Santa Ana-Anaheim-Irvine	1,531.6	1,525.4	1,532.0	.6	.6	.6
San Francisco-Oakland-Fremont	2,029.1	2,045.5	2,052.1	1.5	1.6	1.7
Oakland-Fremont-Hayward	1,054.6	1,059.2	1,063.1	1.2	1.3	1.4
San Francisco-San Mateo-Redwood City	974.5	986.3	989.0	.3	.3	.3
District of Columbia	690.0	698.0	700.3	(¹)	(¹)	(¹)
Washington-Arlington-Alexandria ²	2,982.3	3,012.0	3,024.2	(¹)	(¹)	(¹)
Bethesda-Gaithersburg-Frederick ³	579.7	585.8	588.2	(¹)	(¹)	(¹)
Washington-Arlington-Alexandria ²	2,402.5	2,426.2	2,436.0	(¹)	(¹)	(¹)
Florida	8,038.3	8,104.9	8,148.9	6.4	6.3	6.3
Miami-Fort Lauderdale-Pompano Beach	2,424.1	2,443.1	2,455.8	.6	.6	.6
Fort Lauderdale-Pompano Beach-Deerfield Beach	784.9	790.4	794.2	(⁴)	(⁴)	(⁴)
Miami-Miami Beach-Kendall	1,057.0	1,061.3	1,067.7	.4	.4	.4
West Palm Beach-Boca Raton-Boynton Beach	582.2	591.4	593.9	(⁴)	(⁴)	(⁴)
Illinois	5,999.3	6,027.1	6,036.9	10.3	10.4	10.4
Chicago-Naperville-Joliet ²	4,562.2	4,599.7	4,604.6	2.8	2.6	2.6
Chicago-Naperville-Joliet	3,879.8	3,911.5	3,916.8	1.9	1.9	1.9
Gary ³	282.3	283.4	283.3	.6	.5	.5
Lake County-Kenosha County ²	400.1	404.8	404.5	.3	.2	.2
Massachusetts	3,278.2	3,301.7	3,312.7	1.9	1.9	1.9
Boston-Cambridge-Quincy ²	2,478.2	2,492.8	2,504.8	1.2	1.3	1.3
Boston-Cambridge-Quincy	1,693.5	1,708.5	1,720.0	.9	.8	.8
Brockton-Bridgewater-Easton	92.4	92.9	93.9	(¹)	(¹)	(¹)
Framingham	155.7	155.8	157.2	(¹)	(¹)	(¹)
Haverhill-North Andover-Amesbury ²	79.1	79.7	79.7	(¹)	(¹)	(¹)
Lowell-Billerica-Chelmsford ²	119.7	119.6	119.9	(¹)	(¹)	(¹)
Nashua ²	134.5	133.7	133.9	(¹)	(¹)	(¹)
Peabody	104.3	103.5	104.5	(¹)	(¹)	(¹)
Michigan	4,382.4	4,305.4	4,306.3	8.3	8.1	8.1
Detroit-Warren-Livonia	2,011.7	1,967.7	1,973.9	(¹)	(¹)	(¹)
Detroit-Livonia-Dearborn	802.6	787.1	790.9	(¹)	(¹)	(¹)
Warren-Troy-Farmington Hills	1,209.1	1,180.6	1,183.0	(¹)	(¹)	(¹)
New York	8,711.2	8,709.9	8,788.9	6.9	6.7	6.5
New York-Northern New Jersey-Long Island ²	8,518.2	8,535.4	8,595.7	(¹)	(¹)	(¹)
Edison ³	1,031.4	1,037.5	1,040.3	(¹)	(¹)	(¹)
Nassau-Suffolk	1,266.4	1,257.5	1,271.7	(¹)	(¹)	(¹)
New York-White Plains-Wayne ²	5,181.2	5,201.9	5,243.5	(¹)	(¹)	(¹)
Newark-Union ³	1,039.2	1,038.5	1,040.2	(¹)	(¹)	(¹)
Pennsylvania	5,816.9	5,828.7	5,864.8	20.9	22.2	22.0
Philadelphia-Camden-Wilmington ²	2,823.0	2,828.0	2,848.5	(¹)	(¹)	(¹)
Camden ³	547.6	553.9	558.5	(¹)	(¹)	(¹)
Philadelphia	1,920.0	1,916.6	1,931.3	(¹)	(¹)	(¹)
Wilmington ³	355.4	357.5	358.7	(¹)	(¹)	(¹)
Texas	10,173.6	10,340.4	10,380.7	192.8	206.6	208.1
Dallas-Fort Worth-Arlington	2,901.7	2,956.9	2,966.3	(¹)	(¹)	(¹)
Dallas-Plano-Irving	2,056.5	2,095.5	2,103.9	(¹)	(¹)	(¹)
Fort Worth-Arlington	845.2	861.4	862.4	(¹)	(¹)	(¹)
Washington	2,904.3	2,948.2	2,962.0	8.8	8.1	8.0
Seattle-Tacoma-Bellevue	1,713.1	1,750.6	1,755.6	1.5	1.5	1.5
Seattle-Bellevue-Everett	1,438.4	1,471.2	1,476.6	1.1	1.1	1.1
Tacoma	274.7	279.4	279.0	.4	.4	.4

See footnotes at end of table.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-15. Employees on nonfarm payrolls by state, selected metropolitan area, and metropolitan division—Continued

(Numbers in thousands)

State, area, and division	Construction			Manufacturing		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	957.0	936.6	925.8	1,509.2	1,511.7	1,497.4
Los Angeles-Long Beach-Santa Ana	267.8	261.7	259.5	644.0	637.9	635.7
Los Angeles-Long Beach-Glendale	158.1	155.0	153.6	460.0	454.0	452.1
Santa Ana-Anaheim-Irvine	109.7	106.7	105.9	184.0	183.9	183.6
San Francisco-Oakland-Fremont	120.9	113.9	113.3	141.4	143.4	143.5
Oakland-Fremont-Hayward	76.4	69.6	69.2	97.2	98.3	98.3
San Francisco-San Mateo-Redwood City	44.5	44.3	44.1	44.2	45.1	45.2
District of Columbia	12.9	13.0	12.8	1.7	1.6	1.6
Washington-Arlington-Alexandria ²	193.5	196.8	195.8	62.8	63.0	62.6
Bethesda-Gaithersburg-Frederick ³	43.8	44.3	44.3	19.9	19.6	19.7
Washington-Arlington-Alexandria ²	149.7	152.5	151.5	42.9	43.4	42.9
Florida	637.9	614.3	615.9	398.4	395.7	393.4
Miami-Fort Lauderdale-Pompano Beach	161.6	160.5	160.3	99.6	98.6	97.9
Fort Lauderdale-Pompano Beach-Deerfield Beach	60.0	59.6	59.9	31.6	31.5	31.1
Miami-Miami Beach-Kendall	54.4	54.4	53.8	47.6	46.9	46.8
West Palm Beach-Boca Raton-Boynton Beach	47.2	46.5	46.6	20.4	20.2	20.0
Illinois	288.6	290.8	288.6	684.9	679.3	674.8
Chicago-Naperville-Joliet ²	226.6	233.4	231.7	488.5	481.9	481.4
Chicago-Naperville-Joliet	185.4	191.1	189.3	390.5	384.4	383.7
Gary ³	19.7	20.3	20.5	38.1	37.9	38.0
Lake County-Kenosha County ²	21.5	22.0	21.9	59.9	59.6	59.7
Massachusetts	144.1	144.1	142.1	297.5	295.2	294.9
Boston-Cambridge-Quincy ²	104.3	104.7	102.6	222.3	221.4	221.1
Boston-Cambridge-Quincy	65.0	65.2	63.9	107.0	106.5	106.4
Brockton-Bridgewater-Easton	5.4	5.5	5.4	9.1	9.0	9.1
Framingham	7.7	7.7	7.8	26.0	26.1	26.4
Haverhill-North Andover-Amesbury ²	5.5	5.3	5.2	11.1	11.0	11.1
Lowell-Billerica-Chelmsford ²	6.9	7.0	6.8	19.4	19.2	19.1
Nashua ²	6.0	6.2	6.1	25.3	25.5	25.7
Peabody	4.0	4.1	4.0	12.5	12.3	12.4
Michigan	188.4	174.7	172.1	639.4	622.5	613.6
Detroit-Warren-Livonia	79.7	72.6	71.7	263.3	260.9	254.6
Detroit-Livonia-Dearborn	24.4	22.1	21.8	90.6	95.5	93.2
Warren-Troy-Farmington Hills	55.3	50.5	49.9	172.7	165.4	161.4
New York	353.5	368.7	364.9	565.7	552.4	549.4
New York-Northern New Jersey-Long Island ²	360.2	369.8	366.4	465.2	451.1	449.8
Edison ³	49.8	49.8	49.3	76.3	75.4	75.2
Nassau-Suffolk	72.3	74.1	73.2	86.0	84.8	84.6
New York-White Plains-Wayne ²	192.2	200.4	198.6	212.9	203.6	203.1
Newark-Union ³	45.9	45.5	45.3	90.0	87.3	86.9
Pennsylvania	272.3	273.5	271.0	671.7	661.0	658.9
Philadelphia-Camden-Wilmington ²	133.9	137.4	137.1	228.0	223.1	222.3
Camden ³	26.1	27.0	26.7	46.6	46.0	45.8
Philadelphia	84.8	86.6	86.5	156.0	153.3	152.7
Wilmington ³	23.0	23.8	23.9	25.4	23.8	23.8
Texas	616.0	627.4	626.9	934.2	928.1	926.0
Dallas-Fort Worth-Arlington	180.1	186.7	186.4	300.0	302.3	300.4
Dallas-Plano-Irving	121.8	124.9	125.4	201.9	202.3	200.6
Fort Worth-Arlington	58.3	61.8	61.0	98.1	100.0	99.8
Washington	205.1	215.8	213.7	292.3	298.2	298.3
Seattle-Tacoma-Bellevue	119.6	128.2	127.1	184.2	189.7	190.0
Seattle-Bellevue-Everett	95.7	102.3	101.5	163.3	168.7	169.1
Tacoma	23.9	25.9	25.6	20.9	21.0	20.9

See footnotes at end of table.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-15. Employees on nonfarm payrolls by state, selected metropolitan area, and metropolitan division—Continued

(Numbers in thousands)

State, area, and division	Trade, transportation, and utilities			Information		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	2,898.8	2,899.6	2,911.2	469.9	478.3	472.0
Los Angeles-Long Beach-Santa Ana	1,091.8	1,086.4	1,092.3	238.2	250.9	242.0
Los Angeles-Long Beach-Glendale	821.5	817.3	820.9	206.9	219.6	210.8
Santa Ana-Anaheim-Irvine	270.3	269.1	271.4	31.3	31.3	31.2
San Francisco-Oakland-Fremont	358.6	361.5	362.0	67.5	67.4	67.4
Oakland-Fremont-Hayward	194.6	196.3	196.6	28.9	28.4	28.4
San Francisco-San Mateo-Redwood City	164.0	165.2	165.4	38.6	39.0	39.0
District of Columbia	28.0	28.0	28.2	22.6	23.2	23.0
Washington-Arlington-Alexandria ²	405.0	407.3	410.4	98.2	98.1	97.7
Bethesda-Gaithersburg-Frederick ³	83.8	83.9	84.7	17.1	17.5	17.5
Washington-Arlington-Alexandria ²	321.2	323.4	325.7	81.1	80.6	80.2
Florida	1,592.7	1,603.1	1,607.7	167.6	163.6	163.6
Miami-Fort Lauderdale-Pompano Beach	538.9	545.1	548.7	53.6	53.5	53.5
Fort Lauderdale-Pompano Beach-Deerfield Beach	173.3	174.9	176.9	20.0	20.4	20.6
Miami-Miami Beach-Kendall	260.6	263.3	264.1	22.2	21.6	21.5
West Palm Beach-Boca Raton-Boynton Beach	105.0	106.9	107.7	11.4	11.5	11.4
Illinois	1,203.8	1,201.0	1,204.7	115.7	115.1	114.9
Chicago-Naperville-Joliet ²	923.8	923.8	926.1	90.5	90.3	90.7
Chicago-Naperville-Joliet	778.2	776.4	778.4	83.1	82.9	83.2
Gary ³	60.8	61.1	60.9	2.4	2.4	2.4
Lake County-Kenosha County ²	84.8	86.3	86.8	5.0	5.0	5.1
Massachusetts	574.1	572.5	577.2	86.8	88.2	87.9
Boston-Cambridge-Quincy ²	420.9	416.4	421.0	74.3	75.5	75.3
Boston-Cambridge-Quincy	253.3	250.6	254.5	54.7	55.8	55.6
Brockton-Bridgewater-Easton	20.0	19.9	20.1	1.0	1.0	1.0
Framingham	29.9	29.3	29.6	6.3	6.4	6.4
Haverhill-North Andover-Amesbury ²	16.4	16.5	16.6	1.1	1.0	1.0
Lowell-Billerica-Chelmsford ²	22.0	22.0	22.2	5.6	5.4	5.4
Nashua ²	31.3	31.5	31.8	2.2	2.1	2.0
Peabody	22.3	21.5	21.9	1.1	1.1	1.1
Michigan	796.6	780.8	783.6	66.3	65.7	65.3
Detroit-Warren-Livonia	370.7	360.2	363.5	33.4	33.0	33.0
Detroit-Livonia-Dearborn	152.2	146.8	147.4	14.5	13.8	13.8
Warren-Troy-Farmington Hills	218.5	213.4	216.1	18.9	19.2	19.2
New York	1,517.1	1,516.1	1,525.6	270.6	266.1	269.1
New York-Northern New Jersey-Long Island ²	1,601.4	1,596.7	1,606.5	294.6	292.8	294.7
Edison ³	226.9	222.3	223.6	30.6	31.0	30.9
Nassau-Suffolk	272.9	272.0	274.1	30.3	30.1	30.3
New York-White Plains-Wayne ²	887.7	888.6	893.2	208.9	206.9	208.6
Newark-Union ³	213.9	213.8	215.6	24.8	24.8	24.9
Pennsylvania	1,136.1	1,131.7	1,144.0	107.9	107.5	107.3
Philadelphia-Camden-Wilmington ²	535.8	537.6	540.6	55.5	55.3	55.7
Camden ³	123.8	125.0	125.7	8.9	8.8	9.0
Philadelphia	345.8	346.4	348.3	40.5	40.5	40.8
Wilmington ³	66.2	66.2	66.6	6.1	6.0	5.9
Texas	2,053.1	2,070.5	2,076.5	221.3	220.4	221.9
Dallas-Fort Worth-Arlington	615.9	619.2	623.5	91.9	93.1	93.6
Dallas-Plano-Irving	416.5	417.8	420.4	75.5	77.1	77.7
Fort Worth-Arlington	199.4	201.4	203.1	16.4	16.0	15.9
Washington	549.5	558.7	560.1	102.0	105.9	106.0
Seattle-Tacoma-Bellevue	323.0	327.9	328.3	84.5	88.2	88.2
Seattle-Bellevue-Everett	269.0	272.3	272.7	80.9	84.5	84.5
Tacoma	54.0	55.6	55.6	3.6	3.7	3.7

See footnotes at end of table.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-15. Employees on nonfarm payrolls by state, selected metropolitan area, and metropolitan division—Continued

(Numbers in thousands)

State, area, and division	Financial activities			Professional and business services		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	940.7	929.4	927.8	2,258.3	2,279.4	2,281.9
Los Angeles-Long Beach-Santa Ana	385.8	382.0	381.2	877.7	884.7	885.6
Los Angeles-Long Beach-Glendale	247.7	248.3	247.7	600.3	606.9	607.6
Santa Ana-Anaheim-Irvine	138.1	133.7	133.5	277.4	277.8	278.0
San Francisco-Oakland-Fremont	158.4	157.8	157.0	350.8	358.9	359.8
Oakland-Fremont-Hayward	68.7	66.9	66.4	156.1	159.6	159.6
San Francisco-San Mateo-Redwood City	89.7	90.9	90.6	194.7	199.3	200.2
District of Columbia	29.5	30.5	30.2	155.2	160.6	160.7
Washington-Arlington-Alexandria ²	161.2	164.1	163.5	672.3	690.3	692.5
Bethesda-Gaithersburg-Frederick ³	45.1	45.2	45.3	126.4	129.6	129.5
Washington-Arlington-Alexandria ²	116.1	118.9	118.2	545.9	560.7	563.0
Florida	545.9	550.7	556.3	1,344.3	1,362.2	1,371.9
Miami-Fort Lauderdale-Pompano Beach	183.1	186.1	188.1	400.8	399.6	403.3
Fort Lauderdale-Pompano Beach-Deerfield Beach	67.3	68.0	68.8	126.0	122.8	123.7
Miami-Miami Beach-Kendall	75.4	76.4	77.4	154.3	154.8	156.7
West Palm Beach-Boca Raton-Boynton Beach	40.4	41.7	41.9	120.5	122.0	122.9
Illinois	407.2	410.1	409.9	869.1	889.2	893.8
Chicago-Naperville-Joliet ²	333.4	334.4	334.6	743.5	762.8	767.4
Chicago-Naperville-Joliet	299.8	300.6	300.8	657.1	675.7	680.7
Gary ³	10.0	10.0	10.0	22.1	22.5	22.1
Lake County-Kenosha County ²	23.6	23.8	23.8	64.3	64.6	64.6
Massachusetts	222.9	225.3	223.3	476.9	489.1	487.9
Boston-Cambridge-Quincy ²	187.7	190.5	189.6	401.3	413.0	412.7
Boston-Cambridge-Quincy	153.3	155.7	154.8	302.5	311.7	311.1
Brockton-Bridgewater-Easton	3.6	3.7	3.7	9.1	9.2	9.1
Framingham	5.1	5.2	5.1	30.4	30.3	30.8
Haverhill-North Andover-Amesbury ²	3.5	3.5	3.6	7.2	7.5	7.6
Lowell-Billerica-Chelmsford ²	4.1	4.1	4.1	16.8	16.9	16.8
Nashua ²	9.7	9.9	10.0	13.5	14.0	13.9
Peabody	5.8	5.8	5.9	9.8	10.0	10.2
Michigan	214.9	211.7	210.6	598.4	595.8	594.1
Detroit-Warren-Livonia	113.8	111.4	111.6	364.5	360.3	359.9
Detroit-Livonia-Dearborn	37.6	36.6	36.7	130.0	128.0	126.7
Warren-Troy-Farmington Hills	76.2	74.8	74.9	234.5	232.3	233.2
New York	728.2	740.4	740.6	1,122.7	1,139.7	1,146.3
New York-Northern New Jersey-Long Island ²	796.3	804.8	805.6	1,281.8	1,302.2	1,303.7
Edison ³	65.0	65.2	65.5	171.7	175.8	174.3
Nassau-Suffolk	80.0	77.8	77.7	166.5	168.8	169.7
New York-White Plains-Wayne ²	573.7	584.4	585.5	780.1	792.5	795.0
Newark-Union ³	77.6	77.4	76.9	163.5	165.1	164.7
Pennsylvania	333.2	333.3	332.4	685.6	700.1	702.3
Philadelphia-Camden-Wilmington ²	218.8	218.4	218.0	423.8	429.0	431.8
Camden ³	36.4	36.1	36.2	72.8	73.7	74.2
Philadelphia	145.3	144.5	144.0	294.1	298.1	300.0
Wilmington ³	37.1	37.8	37.8	56.9	57.2	57.6
Texas	627.6	645.3	645.7	1,250.3	1,297.9	1,306.9
Dallas-Fort Worth-Arlington	232.3	239.9	239.5	423.3	436.7	437.7
Dallas-Plano-Irving	183.6	191.3	190.7	326.9	336.6	338.2
Fort Worth-Arlington	48.7	48.6	48.8	96.4	100.1	99.5
Washington	156.0	158.9	158.7	338.0	348.5	348.0
Seattle-Tacoma-Bellevue	105.0	105.4	105.0	232.3	242.1	242.4
Seattle-Bellevue-Everett	90.2	90.9	90.5	207.5	216.3	216.5
Tacoma	14.8	14.5	14.5	24.8	25.8	25.9

See footnotes at end of table.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-15. Employees on nonfarm payrolls by state, selected metropolitan area, and metropolitan division—Continued

(Numbers in thousands)

State, area, and division	Education and health services			Leisure and hospitality		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	1,644.9	1,673.6	1,695.9	1,531.5	1,575.9	1,558.0
Los Angeles-Long Beach-Santa Ana	635.9	645.6	652.8	561.1	573.7	571.1
Los Angeles-Long Beach-Glendale	493.3	501.2	506.9	390.4	400.6	399.5
Santa Ana-Anaheim-Irvine	142.6	144.4	145.9	170.7	173.1	171.6
San Francisco-Oakland-Fremont	229.5	233.1	235.1	209.3	215.7	213.6
Oakland-Fremont-Hayward	123.7	126.9	128.1	86.5	89.5	88.7
San Francisco-San Mateo-Redwood City	105.8	106.2	107.0	122.8	126.2	124.9
District of Columbia	96.3	93.1	96.2	54.1	55.0	55.0
Washington-Arlington-Alexandria ²	321.7	318.9	323.2	249.2	257.0	253.8
Bethesda-Gaithersburg-Frederick ³	71.3	71.2	72.3	46.3	48.5	48.1
Washington-Arlington-Alexandria ²	250.4	247.7	250.9	202.9	208.5	205.7
Florida	983.9	1,009.1	1,015.2	893.2	917.2	924.9
Miami-Fort Lauderdale-Pompano Beach	308.7	316.6	317.4	246.5	250.4	252.0
Fort Lauderdale-Pompano Beach-Deerfield Beach	90.0	93.6	93.3	77.0	79.6	80.2
Miami-Miami Beach-Kendall	142.9	145.2	145.8	100.8	100.2	101.1
West Palm Beach-Boca Raton-Boynton Beach	75.8	77.8	78.3	68.7	70.6	70.7
Illinois	775.5	779.0	786.3	532.9	552.1	542.7
Chicago-Naperville-Joliet ²	584.9	587.6	592.4	403.0	418.8	410.8
Chicago-Naperville-Joliet	500.0	503.0	507.0	337.9	350.6	345.0
Gary ³	43.5	43.3	43.9	30.6	30.7	30.3
Lake County-Kenosha County ²	41.4	41.3	41.5	34.5	37.5	35.5
Massachusetts	619.9	622.0	635.8	297.5	311.7	302.4
Boston-Cambridge-Quincy ²	461.4	463.4	474.2	214.4	222.0	218.7
Boston-Cambridge-Quincy	349.3	349.7	360.7	148.3	154.9	153.4
Brockton-Bridgewater-Easton	15.5	15.5	16.3	7.9	8.0	7.9
Framingham	19.5	20.0	20.2	11.5	11.9	11.7
Haverhill-North Andover-Amesbury ²	12.5	12.5	12.4	7.9	8.3	8.1
Lowell-Billerica-Chelmsford ²	13.6	14.1	14.2	9.6	9.8	9.6
Nashua ²	16.7	16.7	16.7	10.6	10.8	10.6
Peabody	19.2	19.3	19.4	10.1	10.5	10.2
Michigan	591.4	594.0	599.7	408.9	424.1	409.7
Detroit-Warren-Livonia	277.2	278.1	282.1	183.6	184.7	181.5
Detroit-Livonia-Dearborn	121.4	120.4	122.3	79.5	80.2	78.9
Warren-Troy-Farmington Hills	155.8	157.7	159.8	104.1	104.5	102.6
New York	1,603.3	1,591.8	1,629.2	681.4	710.8	694.8
New York-Northern New Jersey-Long Island ²	1,427.0	1,421.2	1,448.7	629.4	656.4	642.8
Edison ³	134.0	135.8	137.1	78.5	82.9	78.5
Nassau-Suffolk	207.5	202.5	209.3	96.0	102.6	97.6
New York-White Plains-Wayne ²	943.4	940.6	958.0	389.8	403.6	401.7
Newark-Union ³	142.1	142.3	144.3	65.1	67.3	65.0
Pennsylvania	1,077.5	1,086.3	1,107.9	487.7	510.2	497.3
Philadelphia-Camden-Wilmington ²	524.1	521.8	533.0	219.7	228.0	223.9
Camden ³	76.6	77.4	77.8	41.6	44.3	43.6
Philadelphia	401.4	397.0	407.5	149.1	153.7	151.4
Wilmington ³	46.1	47.4	47.7	29.0	30.0	28.9
Texas	1,233.7	1,253.4	1,257.8	950.9	995.2	988.4
Dallas-Fort Worth-Arlington	306.3	315.9	317.5	272.4	283.2	283.6
Dallas-Plano-Irving	211.1	221.1	222.3	190.4	196.4	197.7
Fort Worth-Arlington	95.2	94.8	95.2	82.0	86.8	85.9
Washington	342.4	346.6	350.9	273.2	287.4	276.7
Seattle-Tacoma-Bellevue	188.8	192.1	194.0	158.3	166.1	161.5
Seattle-Bellevue-Everett	149.4	152.6	154.1	132.2	138.1	135.2
Tacoma	39.4	39.5	39.9	26.1	28.0	26.3

See footnotes at end of table.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-15. Employees on nonfarm payrolls by state, selected metropolitan area, and metropolitan division—Continued

(Numbers in thousands)

State, area, and division	Other services			Government		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	511.0	517.9	516.7	2,474.8	2,465.1	2,519.3
Los Angeles-Long Beach-Santa Ana	194.8	197.5	197.2	751.3	743.7	761.1
Los Angeles-Long Beach-Glendale	147.1	148.9	148.7	592.1	587.5	599.3
Santa Ana-Anaheim-Irvine	47.7	48.6	48.5	159.2	156.2	161.8
San Francisco-Oakland-Fremont	74.0	74.6	74.5	317.2	317.6	324.2
Oakland-Fremont-Hayward	36.2	36.5	36.3	185.1	185.9	190.1
San Francisco-San Mateo-Redwood City	37.8	38.1	38.2	132.1	131.7	134.1
District of Columbia	59.5	60.4	60.4	230.2	232.6	232.2
Washington-Arlington-Alexandria ²	175.1	178.0	178.6	643.3	638.5	646.1
Bethesda-Gaithersburg-Frederick ³	30.7	31.4	31.4	95.3	94.6	95.4
Washington-Arlington-Alexandria ²	144.4	146.6	147.2	548.0	543.9	550.7
Florida	342.6	347.6	349.5	1,125.4	1,135.1	1,144.2
Miami-Fort Lauderdale-Pompano Beach	102.9	102.3	102.9	327.8	329.8	331.1
Fort Lauderdale-Pompano Beach-Deerfield Beach	34.8	34.2	34.3	104.8	105.7	105.3
Miami-Miami Beach-Kendall	42.4	42.3	42.4	156.0	155.8	157.7
West Palm Beach-Boca Raton-Boynton Beach	25.7	25.8	26.2	67.0	68.3	68.1
Illinois	258.6	257.0	257.9	852.7	843.1	852.9
Chicago-Naperville-Joliet ²	196.5	199.1	198.0	568.7	565.0	568.9
Chicago-Naperville-Joliet	170.1	172.3	171.2	475.8	472.6	475.6
Gary ³	13.0	13.1	13.0	41.5	41.6	41.7
Lake County-Kenosha County ²	13.4	13.7	13.8	51.4	50.8	51.6
Massachusetts	118.4	118.5	118.0	438.2	433.2	441.3
Boston-Cambridge-Quincy ²	86.8	85.1	84.5	303.6	299.5	303.8
Boston-Cambridge-Quincy	60.6	61.0	60.7	198.6	196.6	198.1
Brockton-Bridgewater-Easton	4.3	4.6	4.6	16.5	16.5	16.7
Framingham	4.5	4.4	4.3	14.8	14.5	14.9
Haverhill-North Andover-Amesbury ²	2.6	2.6	2.6	11.3	11.5	11.5
Lowell-Billerica-Chelmsford ²	3.8	3.7	3.7	17.9	17.4	18.0
Nashua ²	4.3	4.4	4.3	14.9	12.6	12.8
Peabody	3.9	3.8	3.8	15.6	15.1	15.6
Michigan	178.0	176.4	175.4	691.8	651.6	674.1
Detroit-Warren-Livonia	90.9	90.7	90.6	234.6	215.8	225.4
Detroit-Livonia-Dearborn	35.4	36.2	36.3	117.0	107.5	113.8
Warren-Troy-Farmington Hills	55.5	54.5	54.3	117.6	108.3	111.6
New York	358.4	357.1	359.7	1,503.4	1,460.1	1,502.8
New York-Northern New Jersey-Long Island ²	368.0	372.3	373.7	1,294.3	1,268.1	1,303.8
Edison ³	48.1	51.8	52.0	150.5	147.5	153.9
Nassau-Suffolk	52.3	52.3	52.7	202.6	192.5	202.5
New York-White Plains-Wayne ²	219.0	219.5	220.7	773.5	761.8	779.1
Newark-Union ³	48.6	48.7	48.3	167.7	166.3	168.3
Pennsylvania	259.5	261.6	261.4	764.5	741.3	760.3
Philadelphia-Camden-Wilmington ²	124.9	127.2	127.0	358.5	350.2	359.1
Camden ³	24.6	26.2	26.0	90.2	89.4	93.5
Philadelphia	84.7	84.9	84.7	218.3	211.6	215.4
Wilmington ³	15.6	16.1	16.3	50.0	49.2	50.2
Texas	344.0	352.0	350.6	1,749.7	1,743.6	1,771.9
Dallas-Fort Worth-Arlington	107.7	109.7	108.6	371.8	370.2	375.5
Dallas-Plano-Irving	74.5	76.4	75.8	254.3	251.6	255.1
Fort Worth-Arlington	33.2	33.3	32.8	117.5	118.6	120.4
Washington	104.3	105.8	104.5	532.7	514.3	537.1
Seattle-Tacoma-Bellevue	62.4	63.5	63.4	253.5	245.9	254.2
Seattle-Bellevue-Everett	50.0	50.8	50.6	199.1	193.6	200.8
Tacoma	12.4	12.7	12.8	54.4	52.3	53.4

¹ Natural resources and mining is combined with construction.

² Part of the area is in one or more adjacent states.

³ All of the area is in one or more adjacent states.

⁴ Data not available.

^P = preliminary.

NOTE: Data are counts of jobs by place of work. State and area data are currently projected from 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, unadjusted data from April 2006

are subject to revision. Area definitions are based on Office of Management and Budget Bulletin No. 07-01, dated December 18, 2006, and are available at <http://www.bls.gov/lau/lausmsa.htm> and in the May issue of *Employment and Earnings*.

Areas in the six New England states are Metropolitan New England City and Town Areas (NECTAs), while areas in other states are county-based. Some metropolitan areas lie in two or more states. They are listed under the state that appears first in their titles. Some divisions lie in more than one state, and some, like Camden, N.J., are totally outside the states under which their metropolitan areas are listed.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods-Continued											
Plywood and engineered wood products	3212	40.3	38.5	39.6	39.1	--	3.1	2.8	3.0	2.9	--
Hardwood and softwood veneer and plywood	321211,2	42.2	40.2	39.9	39.4	--	3.9	3.4	3.8	2.5	--
Engineered wood members and trusses	321213,4	40.4	37.8	39.0	38.7	--	3.5	2.6	1.9	3.2	--
Other wood products	3219	39.0	38.6	40.1	39.5	--	3.1	3.2	3.3	3.3	--
Millwork	32191	38.5	38.6	40.6	40.2	--	2.5	2.7	3.7	3.8	--
Wood windows and doors	321911	39.4	39.6	41.4	41.1	--	2.3	2.4	4.0	4.2	--
Cut stock, resawing lumber, planing, and other millwork, including flooring	321912,8	37.7	37.6	39.8	39.5	--	2.6	2.9	3.4	3.4	--
Wood containers and pallets	32192	38.3	37.9	39.7	39.3	--	4.9	4.7	3.7	3.4	--
All other wood products	32199	40.0	39.2	39.8	38.6	--	3.1	3.1	2.4	2.6	--
Manufactured and mobile homes	321991	40.0	38.2	41.1	39.6	--	2.4	1.8	1.8	2.0	--
Nonmetallic mineral products	327	43.1	42.3	43.5	43.3	43.0	5.5	4.9	6.1	5.8	--
Clay products and refractories	3271	39.9	39.8	40.3	40.0	--	3.2	3.1	2.6	2.8	--
Pottery, ceramics, and plumbing fixtures	32711	35.7	36.5	37.0	36.5	--	2.9	3.0	2.7	2.7	--
Clay building material and refractories	32712	43.1	42.2	42.4	42.3	--	3.5	3.1	2.5	2.8	--
Glass and glass products	3272	41.5	41.6	42.5	42.3	--	3.3	2.9	3.7	3.4	--
Glass products made of purchased glass	327215	41.1	41.6	42.4	42.3	--	1.8	1.1	2.7	2.1	--
Cement and concrete products	3273	44.5	43.4	44.8	44.5	--	7.1	6.3	8.0	7.6	--
Ready-mix concrete	32732	46.0	44.6	46.6	45.7	--	8.3	7.2	9.1	8.7	--
Other cement and concrete products	32731,3,9	42.5	41.8	42.6	43.0	--	5.6	5.1	6.6	6.2	--
Lime, gypsum, and other nonmetallic mineral products	3274,9	43.6	42.1	43.0	43.1	--	5.3	4.6	6.0	5.6	--
Primary metals	331	43.5	43.5	42.8	42.4	43.0	5.6	5.7	5.4	5.1	--
Iron and steel mills and ferroalloy production	3311	45.3	45.0	43.8	44.5	--	7.2	6.1	7.0	6.9	--
Steel products from purchased steel	3312	41.8	41.7	44.0	43.5	--	2.5	3.2	5.1	4.7	--
Iron, steel pipe, and tube from purchase steel	33121	39.4	39.2	44.9	43.3	--	.0	.7	4.3	4.1	--
Rolling and drawing of purchased steel	33122	44.0	43.9	43.1	43.7	--	4.7	5.4	5.8	5.3	--
Alumina and aluminum production	3313	44.7	43.8	44.4	43.0	--	6.2	6.1	5.1	5.1	--
Other nonferrous metal production	3314	42.2	43.6	41.9	41.4	--	4.7	5.7	6.1	6.0	--
Rolled, drawn, extruded, and alloyed copper	33142	41.9	43.2	41.4	42.0	--	4.0	4.9	5.3	6.5	--
Nonferrous metal, except CU and AL, shaping	33149	42.7	44.9	42.0	39.3	--	5.0	6.3	7.2	4.7	--
Foundries	3315	43.1	43.3	41.4	40.9	--	6.0	6.2	4.3	3.8	--
Ferrous metal foundries	33151	42.8	44.0	41.6	41.4	--	6.3	6.6	4.2	3.8	--
Iron foundries	331511	44.1	45.0	41.2	40.5	--	6.9	7.1	4.2	3.2	--
Steel foundries	331512,3	40.6	42.2	42.2	42.9	--	5.2	5.8	4.3	4.9	--
Nonferrous metal foundries	33152	43.4	42.4	41.2	40.3	--	5.7	5.6	4.4	3.7	--
Fabricated metal products	332	41.8	41.4	42.1	42.0	41.9	4.6	4.4	4.7	4.6	--
Forging and stamping	3321	41.8	41.6	41.0	41.6	--	4.7	4.5	4.5	4.5	--
Iron and steel forging	332111	46.4	46.7	43.7	45.4	--	6.6	6.5	4.9	5.5	--
Metal stamping	332116	40.9	40.7	40.9	41.7	--	3.3	3.0	4.2	4.2	--
Cutlery and hand tools	3322	41.1	40.9	38.9	39.1	--	4.1	4.2	2.1	2.3	--
Hand and edge tools	332212	38.9	38.5	38.0	37.5	--	2.7	2.6	1.6	1.6	--
Architectural and structural metals	3323	41.6	41.0	42.2	42.1	--	4.7	4.5	4.7	4.7	--
Plate work and fabricated structural products	33231	42.8	42.4	42.0	42.0	--	5.9	5.8	5.5	5.5	--
Fabricated structural metal products	332312	42.4	41.8	41.6	41.1	--	5.4	5.3	4.8	5.2	--
Plate work	332313	45.5	45.2	45.8	45.6	--	6.1	5.7	7.0	6.2	--
Ornamental and architectural metal products	33232	40.7	39.9	42.4	42.2	--	3.7	3.4	4.1	4.1	--
Metal windows and doors	332321	39.3	38.8	41.0	41.4	--	2.8	2.6	3.6	3.8	--
Sheet metal work	332322	42.1	40.9	44.1	43.9	--	4.4	3.9	4.6	4.7	--
Ornamental and architectural metal work	332323	38.9	39.1	39.7	38.9	--	3.4	3.3	3.5	3.2	--
Boilers, tanks, and shipping containers	3324	44.4	43.8	44.1	43.6	--	5.9	5.5	6.7	6.7	--
Hardware	3325	40.8	41.2	41.7	41.7	--	3.5	3.9	3.8	3.0	--
Spring and wire products	3326	40.3	40.7	42.2	42.0	--	4.3	4.0	4.4	4.2	--
Machine shops and threaded products	3327	41.9	41.6	42.1	41.8	--	5.7	5.4	5.1	5.0	--
Machine shops	33271	41.7	41.4	42.0	41.8	--	5.9	5.6	5.3	5.3	--
Turned products and screws, nuts, and bolts	33272	42.4	42.1	42.5	42.0	--	5.1	4.7	4.4	4.2	--
Precision turned products	332721	43.3	43.2	42.4	41.7	--	5.8	5.3	4.3	4.3	--
Bolts, nuts, screws, rivets, and washers	332722	41.4	40.9	42.6	42.3	--	4.4	4.1	4.5	4.1	--
Coating, engraving, and heat treating metals	3328	40.4	39.6	42.9	42.1	--	3.2	2.9	4.1	3.5	--
Metal heat treating and coating and nonprecious engraving	332811,2	39.1	38.8	42.4	41.4	--	2.9	2.5	3.6	3.2	--
Electroplating, anodizing, and coloring metals	332813	41.7	40.3	43.4	42.9	--	3.4	3.2	4.6	3.9	--
Other fabricated metal products	3329	42.2	42.2	42.0	42.0	--	3.6	3.9	4.3	4.3	--
Metal valves	33291	42.8	42.6	42.5	42.5	--	3.8	3.8	4.0	4.4	--
Industrial valves and other metal valves and pipe fittings	332911,9	40.9	41.3	42.9	42.1	--	3.0	3.2	4.0	4.0	--
All other fabricated metal products	33299	41.9	42.0	41.7	41.8	--	3.5	3.9	4.5	4.2	--

See footnotes at the end of table.

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods-Continued											
Plywood and engineered wood products	3212	13.51	13.43	13.67	13.72	--	544.45	517.06	541.33	536.45	--
Hardwood and softwood veneer and plywood	321211,2	13.85	13.28	12.64	12.41	--	584.47	533.86	504.34	488.95	--
Engineered wood members and trusses	321213,4	12.39	12.65	13.07	13.44	--	500.56	478.17	509.73	520.13	--
Other wood products	3219	13.43	13.54	13.50	13.61	--	523.77	522.64	541.35	537.60	--
Millwork	32191	13.79	14.03	14.08	14.13	--	530.92	541.56	571.65	568.03	--
Wood windows and doors	321911	14.29	14.40	14.02	14.21	--	563.03	570.24	580.43	584.03	--
Cut stock, resawing lumber, planing, and other millwork, including flooring	321912,8	13.31	13.68	14.13	14.05	--	501.79	514.37	562.37	554.98	--
Wood containers and pallets	32192	11.42	11.11	11.87	11.68	--	437.39	421.07	471.24	459.02	--
All other wood products	32199	13.95	14.10	13.62	14.07	--	558.00	552.72	542.08	543.10	--
Manufactured and mobile homes	321991	14.08	14.33	13.88	14.40	--	563.20	547.41	570.47	570.24	--
Nonmetallic mineral products	327	16.59	16.51	16.99	16.98	17.17	715.03	698.37	739.07	735.23	738.31
Clay products and refractories	3271	14.22	14.14	14.46	14.50	--	567.38	562.77	582.74	580.00	--
Pottery, ceramics, and plumbing fixtures	32711	14.73	14.30	14.22	14.12	--	525.86	521.95	526.14	515.38	--
Clay building material and refractories	32712	13.90	14.04	14.59	14.71	--	599.09	592.49	618.62	622.23	--
Glass and glass products	3272	17.45	17.47	18.14	17.83	--	724.18	726.75	770.95	754.21	--
Glass products made of purchased glass	327215	15.12	14.77	15.43	15.17	--	621.43	614.43	654.23	641.69	--
Cement and concrete products	3273	17.06	16.82	17.38	17.43	--	759.17	729.99	778.62	775.64	--
Ready-mix concrete	32732	18.36	17.89	18.96	19.06	--	844.56	797.89	883.54	871.04	--
Other cement and concrete products	32731,3,9	15.25	15.38	15.27	15.29	--	648.13	642.88	650.50	657.47	--
Lime, gypsum, and other nonmetallic mineral products	3274,9	15.92	16.22	16.25	16.33	--	694.11	682.86	698.75	703.82	--
Primary metals	331	19.39	19.73	19.77	19.77	19.70	843.47	858.26	846.16	838.25	847.10
Iron and steel mills and ferroalloy production	3311	24.53	24.93	25.52	25.05	--	1,111.21	1,121.85	1,117.78	1,114.73	--
Steel products from purchased steel	3312	17.03	17.22	17.50	17.21	--	711.85	718.07	770.00	748.64	--
Iron, steel pipe, and tube from purchase steel	33121	17.85	17.67	17.20	17.35	--	703.29	692.66	772.28	751.26	--
Rolling and drawing of purchased steel	33122	16.37	16.87	17.78	17.09	--	720.28	740.59	766.32	746.83	--
Alumina and aluminum production	3313	17.00	17.52	16.50	17.36	--	759.90	767.38	732.60	746.48	--
Other nonferrous metal production	3314	20.04	20.37	19.72	19.66	--	845.69	888.13	826.27	813.92	--
Rolled, drawn, extruded, and alloyed copper	33142	20.88	21.09	19.58	19.61	--	874.87	911.09	810.61	823.62	--
Nonferrous metal, except CU and AL, shaping	33149	18.23	18.94	19.10	18.76	--	778.42	850.41	802.20	737.27	--
Foundries	3315	18.14	18.33	18.60	18.54	--	781.83	793.69	770.04	758.29	--
Ferrous metal foundries	33151	19.22	19.50	19.36	19.15	--	822.62	858.00	805.38	792.81	--
Iron foundries	331511	20.82	21.23	21.05	20.70	--	918.16	955.35	867.26	838.35	--
Steel foundries	331512,3	16.19	16.36	16.50	16.63	--	657.31	690.39	696.30	713.43	--
Nonferrous metal foundries	33152	16.67	16.71	17.49	17.66	--	723.48	708.50	720.59	711.70	--
Fabricated metal products	332	16.26	16.29	16.61	16.66	16.73	679.67	674.41	699.28	699.72	700.99
Forging and stamping	3321	16.68	16.76	17.22	16.99	--	697.22	697.22	706.02	706.78	--
Iron and steel forging	332111	18.16	18.11	20.14	19.82	--	842.62	845.74	880.12	899.83	--
Metal stamping	332116	15.35	15.35	16.23	15.97	--	627.82	624.75	663.81	665.95	--
Cutlery and hand tools	3322	15.70	16.07	15.71	16.07	--	645.27	657.26	611.12	628.34	--
Hand and edge tools	332212	15.75	16.14	14.71	14.89	--	612.68	621.39	558.98	558.38	--
Architectural and structural metals	3323	15.52	15.64	16.04	16.17	--	645.63	641.24	676.89	680.76	--
Plate work and fabricated structural products	33231	15.94	16.11	16.90	17.00	--	682.23	683.06	709.80	714.00	--
Fabricated structural metal products	332312	16.14	16.34	17.50	17.59	--	684.34	683.01	728.00	722.95	--
Plate work	332313	16.13	16.29	16.56	16.72	--	733.92	736.31	758.45	762.43	--
Ornamental and architectural metal products	33232	15.17	15.23	15.35	15.48	--	617.42	607.68	650.84	653.26	--
Metal windows and doors	332321	13.75	13.85	13.35	13.37	--	540.38	537.38	547.35	553.52	--
Sheet metal work	332322	15.84	15.95	16.05	16.42	--	666.86	652.36	707.81	720.84	--
Ornamental and architectural metal work	332323	15.60	15.42	16.47	16.15	--	606.84	602.92	653.86	628.24	--
Boilers, tanks, and shipping containers	3324	18.34	18.20	18.91	18.59	--	814.30	797.16	833.93	810.52	--
Hardware	3325	15.51	15.72	15.00	14.84	--	632.81	647.66	625.50	618.83	--
Spring and wire products	3326	15.66	15.56	14.88	15.34	--	631.10	633.29	627.94	644.28	--
Machine shops and threaded products	3327	17.28	17.11	17.46	17.68	--	724.03	711.78	735.07	739.02	--
Machine shops	33271	17.42	17.30	17.83	18.04	--	726.41	716.22	748.86	754.07	--
Turned products and screws, nuts, and bolts	33272	16.86	16.55	16.32	16.51	--	714.86	696.76	693.60	693.42	--
Precision turned products	332721	16.00	15.75	16.07	16.22	--	692.80	680.40	681.37	676.37	--
Bolts, nuts, screws, rivets, and washers	332722	17.82	17.49	16.58	16.81	--	737.75	715.34	706.31	711.06	--
Coating, engraving, and heat treating metals	3328	13.42	13.74	14.07	14.18	--	542.17	544.10	603.60	596.98	--
Metal heat treating and coating and nonprecious engraving	332811,2	13.97	14.15	13.99	14.20	--	546.23	549.02	593.18	587.88	--
Electroplating, anodizing, and coloring metals	332813	12.91	13.35	14.15	14.16	--	538.35	538.01	614.11	607.46	--
Other fabricated metal products	3329	16.99	16.93	17.39	17.22	--	716.98	714.45	730.38	723.24	--
Metal valves	33291	17.01	16.88	17.45	17.44	--	728.03	719.09	741.63	741.20	--
Industrial valves and other metal valves and pipe fittings	332911,9	16.16	16.20	16.07	16.19	--	660.94	669.06	689.40	681.60	--
All other fabricated metal products	33299	16.98	16.95	17.36	17.12	--	711.46	711.90	723.91	715.62	--

See footnotes at the end of table.

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods-Continued											
Ball and roller bearings	332991	45.0	45.9	44.1	43.5	--	4.4	4.8	4.8	5.3	--
Small arms, ammunition, and other ordnance and accessories	332992,3,4,5	41.5	40.9	42.9	40.9	--	--	--	--	--	--
Miscellaneous fabricated metal products	332996,7,8,9	40.9	40.9	40.7	41.5	--	3.4	3.8	4.3	4.1	--
Machinery	333	42.7	42.4	42.8	43.1	43.2	4.8	4.8	4.5	4.6	--
Agricultural, construction, and mining machinery	3331	42.5	42.9	45.4	45.6	--	4.4	4.7	5.8	5.4	--
Agricultural implements	33311	40.2	41.8	43.2	42.9	--	2.9	3.5	5.7	5.4	--
Farm machinery and equipment	333111	40.4	42.0	42.8	42.5	--	3.4	3.9	6.1	5.8	--
Construction machinery	33312	41.4	40.6	45.9	44.2	--	4.1	3.1	5.2	4.2	--
Industrial machinery	3332	42.4	42.6	42.0	42.0	--	5.5	5.2	3.9	4.3	--
Commercial and service industry machinery	3333	41.4	41.0	41.5	41.8	--	3.9	3.7	2.9	3.0	--
HVAC and commercial refrigeration equipment	3334	43.2	42.8	42.6	43.1	--	5.0	4.8	4.0	4.0	--
AC, refrigeration, and forced air heating	333415	41.1	42.0	41.2	42.8	--	4.9	5.8	3.5	3.8	--
Metalworking machinery	3335	42.7	42.0	42.3	42.8	--	5.8	5.2	4.7	5.3	--
Industrial molds	333511	43.9	42.4	44.9	45.8	--	6.6	5.0	6.2	6.6	--
Metal cutting and forming machine tools	333512,3	42.4	41.7	41.2	41.5	--	5.4	5.3	4.1	4.7	--
Special tools, dies, jigs, and fixtures	333514	42.6	42.3	41.7	42.2	--	5.5	5.2	4.4	5.1	--
Miscellaneous metalworking machinery	333515,6,8	42.0	41.1	41.9	42.1	--	5.9	5.2	4.3	4.7	--
Turbine and power transmission equipment	3336	45.9	46.1	43.9	43.4	--	6.4	7.5	6.0	5.5	--
Power transmission and miscellaneous engine equipment	333612,3,8	46.3	46.4	43.5	42.8	--	6.7	8.0	6.0	5.2	--
Other general purpose machinery	3339	41.9	41.1	41.5	42.1	--	3.9	3.9	4.0	4.4	--
Pumps and compressors	33391	41.9	41.7	40.6	39.6	--	4.8	4.5	3.8	3.2	--
Pumps and pumping equipment, including measuring and dispensing	333911,3	42.0	42.5	42.5	40.8	--	4.3	4.7	4.6	3.8	--
Material handling equipment	33392	43.0	42.6	41.8	44.4	--	4.5	4.1	3.7	5.9	--
Conveyor and conveying equipment	333922	41.5	42.9	44.0	44.5	--	4.9	5.4	6.1	5.5	--
All other general purpose machinery	33399	41.3	39.9	41.7	41.5	--	3.3	3.5	4.2	3.8	--
Computer and electronic products	334	40.6	40.5	41.0	40.8	41.2	3.5	3.7	3.2	3.1	--
Computer and peripheral equipment	3341	38.9	37.7	42.0	41.4	--	--	--	--	--	--
Communications equipment	3342	41.2	41.0	39.0	38.8	--	2.8	2.6	2.2	2.5	--
Broadcast and wireless communications equipment	33422	39.8	38.7	39.2	38.3	--	2.0	1.3	1.8	1.7	--
Audio and video equipment	3343	38.2	38.2	40.0	39.7	--	--	--	--	--	--
Semiconductors and electronic components	3344	40.9	41.0	41.0	40.5	--	4.6	4.7	3.8	3.8	--
Bare printed circuit boards	334412	38.0	38.1	39.5	39.4	--	3.6	4.1	1.3	2.2	--
Semiconductors and related devices	334413	41.8	42.1	41.5	40.9	--	5.2	5.4	4.9	4.7	--
Printed circuit assemblies	334418	39.8	40.2	40.4	40.1	--	3.5	4.1	3.0	3.4	--
Electronic connectors and misc. electronic components	334411,4,5,6,7,9	41.2	40.7	40.9	40.4	--	4.6	3.9	3.2	3.3	--
Electronic instruments	3345	40.6	40.8	41.0	41.0	--	3.1	3.4	3.0	2.9	--
Electromedical apparatus	33451	40.2	39.3	40.3	39.8	--	--	--	--	--	--
Search, detection, and navigation instruments	334511	42.0	42.5	42.2	42.2	--	3.3	3.5	3.1	3.0	--
Industrial process variable instruments	334513	37.3	37.1	38.5	38.4	--	3.3	3.7	2.6	2.0	--
Electricity and signal testing instruments	334515	39.0	40.3	40.0	40.4	--	3.5	3.3	4.1	4.2	--
Irradiation apparatus	334517	44.2	43.5	43.2	43.2	--	--	--	--	--	--
Miscellaneous electronic instruments	334514,6,8,9	41.5	42.3	42.4	41.6	--	3.2	4.3	3.9	4.0	--
Electrical equipment and appliances	335	41.2	41.1	41.5	41.3	41.8	3.9	3.9	4.3	3.8	--
Electric lighting equipment	3351	40.4	40.8	42.2	41.3	--	3.3	3.5	4.7	4.2	--
Electric lamp bulbs and parts	33511	40.5	41.8	40.7	40.7	--	2.8	3.4	2.9	2.9	--
Lighting fixtures	33512	40.4	40.6	42.6	41.4	--	--	--	--	--	--
Household appliances	3352	39.3	40.0	41.7	41.8	--	3.2	3.6	3.7	2.6	--
Electrical equipment	3353	42.0	41.5	41.6	41.0	--	4.4	4.2	4.3	3.7	--
Motors and generators	335312	41.4	41.3	43.2	42.2	--	1.9	2.5	2.9	2.5	--
Switchgear and switchboard apparatus	335313	47.7	46.8	44.7	44.3	--	--	--	--	--	--
Relays and industrial controls	335314	41.1	40.1	37.0	37.7	--	5.2	3.7	3.9	3.3	--
Other electrical equipment and components	3359	42.0	41.7	40.9	41.2	--	4.3	3.9	4.6	4.4	--
Wiring devices	33593	40.9	40.0	38.3	40.3	--	3.3	2.7	4.0	3.3	--
Current-carrying wiring devices	335931	41.0	39.4	37.1	39.7	--	3.1	2.5	3.8	3.3	--
All other electrical equipment and components	33599	39.3	40.3	41.4	41.0	--	3.9	3.7	4.0	4.0	--
Transportation equipment	336	42.7	42.6	43.1	42.7	42.6	5.0	4.9	5.0	4.9	--
Motor vehicles and parts	3361,2,3	42.0	41.7	42.7	42.3	42.0	4.7	4.3	4.7	4.6	--
Motor vehicles	3361	41.8	40.9	43.7	44.0	--	4.7	3.8	5.8	6.2	--
Automobiles and light trucks	33611	41.9	40.6	43.8	44.0	--	5.0	4.0	6.1	6.6	--
Automobiles	336111	42.4	41.0	44.1	43.6	--	5.8	4.3	6.4	6.6	--

See footnotes at the end of table.

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods—Continued											
Ball and roller bearings	332991	18.59	18.55	19.43	19.32	--	836.55	851.45	856.86	840.42	--
Small arms, ammunition, and other ordnance and accessories	332992,3,4,5	20.30	20.34	19.31	19.60	--	842.45	831.91	828.40	801.64	--
Miscellaneous fabricated metal products	332996,7,8,9	15.53	15.50	16.14	15.78	--	635.18	633.95	656.90	654.87	--
Machinery	333	17.45	17.56	17.80	17.75	17.80	745.12	744.54	761.84	765.03	768.96
Agricultural, construction, and mining machinery	3331	16.21	16.25	17.11	17.12	--	688.93	697.13	776.79	780.67	--
Agricultural implements	33311	16.53	16.38	16.85	17.09	--	664.51	684.68	727.92	733.16	--
Farm machinery and equipment	333111	16.70	16.69	17.18	17.49	--	674.68	700.98	735.30	743.33	--
Construction machinery	33312	16.83	16.89	17.34	17.11	--	696.76	685.73	795.91	756.26	--
Industrial machinery	3332	18.74	18.77	18.80	19.02	--	794.58	799.60	789.60	798.84	--
Commercial and service industry machinery	3333	20.74	20.54	21.41	21.04	--	858.64	842.14	888.52	879.47	--
HVAC and commercial refrigeration equipment	3334	13.61	13.80	15.12	15.19	--	587.95	590.64	644.11	654.69	--
AC, refrigeration, and forced air heating	333415	14.15	14.12	14.64	14.78	--	581.57	593.04	603.17	632.58	--
Metalworking machinery	3335	18.91	19.14	18.82	18.86	--	807.46	803.88	796.09	807.21	--
Industrial molds	333511	18.86	19.43	18.86	18.95	--	827.95	823.83	846.81	867.91	--
Metal cutting and forming machine tools	333512,3	17.08	17.10	17.04	17.01	--	724.19	713.07	702.05	705.92	--
Special tools, dies, jigs, and fixtures	333514	18.82	19.05	18.82	19.18	--	801.73	805.82	784.79	809.40	--
Miscellaneous metalworking machinery	333515,6,8	20.99	21.07	20.63	20.04	--	881.58	865.98	864.40	843.68	--
Turbine and power transmission equipment	3336	20.82	20.86	20.54	20.87	--	955.64	961.65	901.71	905.76	--
Power transmission and miscellaneous engine equipment	333612,3,8	19.49	19.62	18.70	19.16	--	902.39	910.37	813.45	820.05	--
Other general purpose machinery	3339	16.70	16.89	16.58	16.27	--	699.73	694.18	688.07	684.97	--
Pumps and compressors	33391	19.06	19.16	18.71	18.16	--	798.61	798.97	759.63	719.14	--
Pumps and pumping equipment, including measuring and dispensing	333911,3	19.83	20.08	19.36	18.69	--	832.86	853.40	822.80	762.55	--
Material handling equipment	33392	15.03	15.17	16.09	15.52	--	646.29	646.24	672.56	689.09	--
Conveyor and conveying equipment	333922	15.24	15.32	16.04	15.47	--	632.46	657.23	705.76	688.42	--
All other general purpose machinery	33399	17.00	17.26	16.22	16.19	--	702.10	688.67	676.37	671.89	--
Computer and electronic products	334	19.25	19.22	20.17	20.25	20.20	781.55	778.41	826.97	826.20	832.24
Computer and peripheral equipment	3341	22.63	22.19	21.79	22.13	--	880.31	836.56	915.18	916.18	--
Communications equipment	3342	19.41	19.21	19.39	19.03	--	799.69	787.61	756.21	738.36	--
Broadcast and wireless communications equipment	33422	17.25	17.08	16.72	16.54	--	686.55	661.00	655.42	633.48	--
Audio and video equipment	3343	20.64	20.03	21.55	22.24	--	788.45	765.15	862.00	882.93	--
Semiconductors and electronic components	3344	17.49	17.51	18.75	18.82	--	715.34	717.91	768.75	762.21	--
Bare printed circuit boards	334412	13.61	13.54	13.50	13.04	--	517.18	515.87	533.25	513.78	--
Semiconductors and related devices	334413	21.46	21.41	23.46	23.69	--	897.03	901.36	973.59	968.92	--
Printed circuit assemblies	334418	12.92	13.04	13.87	13.82	--	514.22	524.21	560.35	554.18	--
Electronic connectors and misc. electronic components	334411,4,5,6,7,9	14.32	14.44	15.07	15.20	--	589.98	587.71	616.36	614.08	--
Electronic instruments	3345	19.74	20.04	21.50	21.54	--	801.44	817.63	881.50	883.14	--
Electromedical apparatus	33451	16.57	16.56	17.67	17.65	--	666.11	650.81	712.10	702.47	--
Search, detection, and navigation instruments	334511	24.55	24.91	27.73	27.87	--	1,031.10	1,058.68	1,170.21	1,176.11	--
Industrial process variable instruments	334513	15.87	16.20	16.51	16.33	--	591.95	601.02	635.64	627.07	--
Electricity and signal testing instruments	334515	21.52	21.40	21.38	21.27	--	839.28	862.42	855.20	859.31	--
Irradiation apparatus	334517	24.07	24.28	25.77	25.77	--	1,063.89	1,056.18	1,113.26	1,113.26	--
Miscellaneous electronic instruments	334514,6,8,9	17.52	18.15	19.94	20.12	--	727.08	767.75	845.46	836.99	--
Electrical equipment and appliances	335	15.63	15.53	16.02	15.77	15.66	643.96	638.28	664.83	651.30	654.59
Electric lighting equipment	3351	16.15	15.99	15.85	15.75	--	652.46	652.39	668.87	650.48	--
Electric lamp bulbs and parts	33511	23.48	23.55	22.31	22.31	--	950.94	984.39	908.02	908.02	--
Lighting fixtures	33512	14.29	14.05	14.34	14.23	--	577.32	570.43	610.88	589.12	--
Household appliances	3352	14.46	14.17	14.62	14.28	--	568.28	566.80	609.65	596.90	--
Electrical equipment	3353	16.17	16.06	16.13	15.73	--	679.14	666.49	671.01	644.93	--
Motors and generators	335312	15.35	15.47	15.72	15.10	--	635.49	638.91	679.10	637.22	--
Switchgear and switchboard apparatus	335313	17.82	17.37	17.03	16.92	--	850.01	812.92	761.24	749.56	--
Relays and industrial controls	335314	16.47	16.54	16.76	16.11	--	676.92	663.25	620.12	607.35	--
Other electrical equipment and components	3359	15.61	15.61	16.86	16.77	--	655.62	650.94	689.57	690.92	--
Wiring devices	33593	14.82	14.84	15.73	16.02	--	606.14	593.60	602.46	645.61	--
Current-carrying wiring devices	335931	14.97	15.02	16.22	16.51	--	613.77	591.79	601.76	655.45	--
All other electrical equipment and components	33599	16.33	16.47	17.44	17.02	--	641.77	663.74	722.02	697.82	--
Transportation equipment	336	22.51	22.57	23.39	23.18	23.30	961.18	961.48	1,008.11	989.79	992.58
Motor vehicles and parts	3361,2,3	21.86	21.96	22.39	21.96	--	918.12	915.73	956.05	928.91	--
Motor vehicles	3361	28.91	28.91	29.47	29.33	--	1,208.44	1,182.42	1,287.84	1,290.52	--
Automobiles and light trucks	33611	29.89	30.02	30.55	30.37	--	1,252.39	1,218.81	1,338.09	1,336.28	--
Automobiles	336111	30.62	30.55	31.22	31.06	--	1,298.29	1,252.55	1,376.80	1,354.22	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods-Continued											
Light trucks and utility vehicles	336112	41.0	39.9	43.2	44.8	--	3.4	3.5	5.5	6.5	--
Heavy duty trucks	33612	40.9	43.0	43.2	44.0	--	3.0	2.3	4.1	4.3	--
Motor vehicle bodies and trailers	3362	41.7	41.4	39.6	40.0	--	5.1	4.6	2.7	3.0	--
Motor vehicle bodies	336211	43.3	42.3	41.2	41.7	--	5.9	5.3	3.3	3.6	--
Truck trailers	336212	38.5	38.2	38.7	38.3	--	--	--	--	--	--
Motor homes, travel trailers, and campers	336213,4	42.1	42.4	38.6	39.3	--	4.8	4.8	2.3	2.8	--
Motor vehicle parts	3363	42.2	42.0	43.2	42.4	--	4.6	4.4	4.8	4.5	--
Motor vehicle gasoline engine and parts	33631	44.1	43.4	44.5	43.6	--	5.8	5.4	5.8	5.9	--
Gasoline engine and engine parts	336312	44.9	43.8	44.6	43.4	--	5.8	5.3	5.7	5.9	--
Motor vehicle electric equipment	33632	40.6	40.1	41.6	41.0	--	3.1	3.6	3.0	2.7	--
Other motor vehicle electric equipment	336322	40.8	40.2	41.7	41.0	--	3.3	3.8	3.3	2.9	--
Motor vehicle steering and suspension parts	33633	43.1	41.7	45.3	42.4	--	--	--	--	--	--
Motor vehicle power train components	33635	45.4	46.1	52.2	50.4	--	6.3	6.3	9.6	8.9	--
Motor vehicle metal stamping	33637	42.7	42.6	42.8	43.7	--	4.0	3.8	3.6	5.0	--
Other motor vehicle parts	33639	41.0	40.8	42.4	40.9	--	3.9	4.0	4.2	3.8	--
Aerospace products and parts	3364	43.8	44.8	44.2	43.8	--	5.5	5.9	5.2	5.0	--
Aircraft	336411	43.4	45.1	44.5	44.1	--	5.0	5.4	5.2	5.0	--
Aircraft engines and engine parts	336412	45.3	45.3	45.2	44.8	--	6.5	6.4	5.3	5.1	--
Other aircraft parts and equipment	336413	44.2	45.3	44.1	43.5	--	6.1	6.8	6.2	6.1	--
Ship and boat building	3366	45.5	44.7	44.4	43.5	--	5.8	6.0	6.2	6.1	--
Ship building and repairing	336611	47.3	46.7	46.6	44.8	--	6.6	6.9	7.7	7.5	--
Boat building	336612	42.9	41.8	41.1	41.5	--	4.6	4.8	3.8	3.8	--
Furniture and related products	337	39.2	39.1	39.8	39.1	39.4	2.8	3.1	3.2	2.7	--
Household and institutional furniture	3371	39.1	38.5	39.2	38.7	--	2.5	2.6	2.8	2.7	--
Wood kitchen cabinets and countertops	33711	40.0	38.8	39.7	39.7	--	2.9	2.8	3.3	3.2	--
Other household and institutional furniture	33712	38.2	38.2	38.8	37.8	--	2.2	2.4	2.4	2.2	--
Upholstered household furniture	337121	36.4	37.3	37.9	36.3	--	1.2	1.5	1.9	1.3	--
Nonupholstered wood household furniture	337122	39.5	38.5	39.2	38.7	--	2.3	2.2	2.3	2.3	--
Miscellaneous household and institutional furniture	337124,5,7,9	39.8	39.5	39.9	39.0	--	3.9	4.4	3.6	3.7	--
Office furniture and fixtures	3372	39.8	40.7	40.9	40.2	--	4.0	4.7	3.8	3.1	--
Wood office furniture and custom architectural woodwork and millwork	337211,2	41.6	43.2	40.1	40.0	--	6.2	7.8	3.3	3.2	--
Showcases, partitions, shelving, and lockers	337215	38.3	38.4	40.1	38.9	--	2.2	2.2	3.3	2.2	--
Other furniture-related products	3379	38.5	39.7	41.5	39.5	--	1.9	3.0	3.8	1.9	--
Miscellaneous manufacturing	339	38.8	39.0	39.6	39.0	38.5	3.0	2.7	2.9	2.8	--
Medical equipment and supplies	3391	38.9	39.2	39.2	38.9	--	3.0	3.0	3.2	3.1	--
Surgical and medical instruments	339112	40.0	40.0	40.3	39.6	--	3.4	3.0	2.5	2.4	--
Surgical appliances and supplies	339113	38.7	39.4	40.3	41.2	--	3.0	3.6	4.3	4.9	--
Dental laboratories	339116	35.4	35.3	34.1	33.3	--	--	--	--	--	--
Other miscellaneous manufacturing	3399	38.7	38.8	39.9	39.0	--	3.0	2.5	2.6	2.6	--
Jewelry and silverware	33991	39.4	37.7	37.4	38.2	--	4.6	1.0	1.2	2.6	--
Sporting and athletic goods	33992	39.4	40.7	40.9	40.9	--	2.8	2.6	1.5	2.3	--
Office supplies, except paper	33994	38.9	39.2	39.0	36.1	--	2.4	2.6	.8	.0	--
Signs	33995	36.9	35.9	40.3	39.4	--	3.7	3.1	3.5	3.0	--
All other miscellaneous manufacturing	33999	38.1	39.1	39.7	38.5	--	2.4	2.7	3.4	2.8	--
Nondurable goods		40.9	40.9	41.4	41.0	41.2	4.4	4.4	4.5	4.2	4.3
Food manufacturing	311	40.8	41.2	41.5	41.3	41.3	5.1	5.2	5.1	5.1	--
Animal food	3111	43.8	44.9	42.6	43.5	--	6.4	7.2	6.3	6.4	--
Grain and oilseed milling	3112	43.1	42.7	42.9	43.6	--	6.5	5.9	6.0	6.7	--
Sugar and confectionery products	3113	38.5	37.4	40.3	40.6	--	5.4	4.1	4.0	5.1	--
Sugar	31131	44.6	46.5	44.1	43.9	--	12.3	9.9	6.6	9.5	--
Chocolate confectioneries	31132,3	35.6	34.2	40.1	39.4	--	--	--	--	--	--
Fruit and vegetable preserving and specialty	3114	41.1	40.7	42.5	42.0	--	4.7	4.1	6.1	5.3	--
Frozen food	31141	40.1	39.9	40.5	41.1	--	5.0	4.4	5.0	5.3	--
Frozen fruits and vegetables	311411	44.3	41.4	44.6	47.6	--	5.5	2.8	5.9	7.1	--
Frozen specialty food	311412	37.4	39.1	38.0	37.3	--	--	--	--	--	--
Fruit and vegetable canning and drying	31142	42.0	41.5	44.2	42.9	--	4.5	3.7	7.0	5.4	--
Dried and dehydrated food	311423	41.8	41.2	40.2	42.5	--	--	--	--	--	--
Dairy products	3115	42.9	43.6	42.8	44.4	--	5.0	6.0	5.4	5.8	--
Dairy products, except frozen	31151	43.7	44.5	43.5	45.6	--	4.9	5.8	5.6	6.3	--
Fluid milk	311511	46.3	46.6	45.9	46.9	--	5.4	6.0	6.9	6.7	--
Animal slaughtering and processing	3116	41.0	41.6	41.8	41.2	--	4.8	4.8	4.9	4.6	--
Animal, except poultry, slaughtering	311611	43.6	44.4	42.8	42.6	--	7.1	6.8	6.3	5.6	--
Meat processed from carcasses, and rendering and meat byproduct processing	311612,3	42.4	43.8	42.8	42.2	--	4.5	5.0	5.1	5.1	--
Poultry processing	311615	38.7	38.9	40.7	39.8	--	3.5	3.4	4.0	3.8	--
Seafood product preparation and packaging	3117	34.6	36.1	34.2	39.4	--	4.6	5.4	3.9	5.2	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Durable goods—Continued											
Light trucks and utility vehicles	336112	28.47	29.06	29.15	28.79	--	1,167.27	1,159.49	1,259.28	1,289.79	--
Heavy duty trucks	33612	23.00	22.60	23.73	23.96	--	940.70	971.80	1,025.14	1,054.24	--
Motor vehicle bodies and trailers	3362	15.92	16.13	16.70	16.60	--	663.86	667.78	661.32	664.00	--
Motor vehicle bodies	336211	16.77	16.92	17.12	16.62	--	726.14	715.72	705.34	693.05	--
Truck trailers	336212	14.37	14.40	14.64	14.58	--	553.25	550.08	566.57	558.41	--
Motor homes, travel trailers, and campers	336213,4	15.91	16.25	17.39	17.61	--	669.81	689.00	671.25	692.07	--
Motor vehicle parts	3363	21.09	21.18	21.17	20.70	--	890.00	889.56	914.54	877.68	--
Motor vehicle gasoline engine and parts	33631	23.38	23.51	23.44	23.29	--	1,031.06	1,020.33	1,043.08	1,015.44	--
Gasoline engine and engine parts	336312	24.44	24.55	24.62	24.44	--	1,097.36	1,075.29	1,098.05	1,069.70	--
Motor vehicle electric equipment	33632	18.52	19.21	18.83	17.81	--	751.91	770.32	783.33	730.21	--
Other motor vehicle electric equipment	336322	19.09	19.81	19.54	18.36	--	778.87	796.36	814.82	752.76	--
Motor vehicle steering and suspension parts	33633	26.79	26.11	24.56	23.45	--	1,154.65	1,088.79	1,112.57	994.28	--
Motor vehicle power train components	33635	27.90	28.09	28.29	28.21	--	1,266.66	1,294.95	1,476.74	1,421.78	--
Motor vehicle metal stamping	33637	23.18	22.91	22.97	22.51	--	989.79	975.97	983.12	983.69	--
Other motor vehicle parts	33639	16.84	17.15	16.92	16.75	--	660.44	699.72	717.41	685.08	--
Aerospace products and parts	3364	27.25	27.22	28.67	28.83	--	1,193.55	1,219.46	1,267.21	1,262.75	--
Aircraft	336411	30.44	30.22	30.42	30.49	--	1,321.10	1,362.92	1,353.69	1,344.61	--
Aircraft engines and engine parts	336412	27.41	27.41	29.16	29.24	--	1,241.67	1,241.67	1,318.03	1,309.95	--
Other aircraft parts and equipment	336413	20.72	20.70	22.16	22.56	--	915.82	937.71	977.26	981.36	--
Ship and boat building	3366	18.40	18.24	18.96	18.82	--	837.20	815.33	841.82	818.67	--
Ship building and repairing	336611	20.49	20.06	21.02	20.81	--	969.18	936.80	979.53	932.29	--
Boat building	336612	15.12	15.26	15.35	15.43	--	648.65	637.87	630.89	640.35	--
Furniture and related products	337	14.04	14.12	14.37	14.37	14.32	550.37	552.09	571.93	561.87	564.21
Household and institutional furniture	3371	13.89	13.94	14.02	14.11	--	543.10	536.69	549.58	546.06	--
Wood kitchen cabinets and countertops	33711	14.48	14.46	14.51	14.61	--	579.20	561.05	576.05	580.02	--
Other household and institutional furniture	33712	13.33	13.45	13.57	13.64	--	509.21	513.79	526.52	515.59	--
Upholstered household furniture	337121	13.69	13.65	14.03	13.90	--	498.32	509.15	531.74	504.57	--
Nonupholstered wood household furniture	337122	12.56	12.79	12.49	12.72	--	496.12	492.42	489.61	492.26	--
Miscellaneous household and institutional furniture	337124,5,7,9	13.90	14.12	14.34	14.52	--	553.22	557.74	572.17	566.28	--
Office furniture and fixtures	3372	14.51	14.69	14.96	15.09	--	577.50	597.88	611.86	606.62	--
Wood office furniture and custom architectural woodwork and millwork	337211,2	15.56	15.67	15.77	16.02	--	647.30	676.94	632.38	640.80	--
Showcases, partitions, shelving, and lockers	337215	13.56	13.69	14.28	14.59	--	519.35	525.70	572.63	567.55	--
Other furniture-related products	3379	13.94	14.07	15.38	14.46	--	536.69	558.58	638.27	571.17	--
Miscellaneous manufacturing	339	14.47	14.38	14.75	14.70	14.76	561.44	560.82	584.10	573.30	568.26
Medical equipment and supplies	3391	15.02	14.92	15.04	14.89	--	584.28	584.86	589.57	579.22	--
Surgical and medical instruments	339112	14.90	14.91	14.33	14.02	--	596.00	596.40	577.50	555.19	--
Surgical appliances and supplies	339113	15.09	14.85	15.03	15.07	--	583.98	585.09	605.71	620.88	--
Dental laboratories	339116	16.27	16.08	17.57	17.40	--	575.96	567.62	599.14	579.42	--
Other miscellaneous manufacturing	3399	14.03	13.95	14.51	14.55	--	542.96	541.26	578.95	567.45	--
Jewelry and silverware	33991	14.03	14.16	16.52	16.61	--	552.78	533.83	617.85	634.50	--
Sporting and athletic goods	33992	13.57	13.73	13.15	13.34	--	534.66	558.81	537.84	545.61	--
Office supplies, except paper	33994	12.56	12.50	13.73	13.58	--	488.58	490.00	535.47	490.24	--
Signs	33995	15.46	15.20	15.07	15.30	--	570.47	545.68	607.32	602.82	--
All other miscellaneous manufacturing	33999	13.92	13.76	14.37	14.24	--	530.35	538.02	570.49	548.24	--
Nondurable goods		15.32	15.34	15.75	15.67	15.77	626.59	627.41	652.05	642.47	649.72
Food manufacturing	311	13.13	13.18	13.65	13.58	13.56	535.70	543.02	566.48	560.85	560.03
Animal food	3111	14.50	14.55	14.14	14.31	--	635.10	653.30	602.36	622.49	--
Grain and oilseed milling	3112	19.12	19.12	18.44	18.64	--	824.07	816.42	791.08	812.70	--
Sugar and confectionery products	3113	14.57	14.78	15.66	15.45	--	560.95	552.77	631.10	627.27	--
Sugar	31131	15.09	15.18	16.42	16.43	--	673.01	705.87	724.12	721.28	--
Chocolate confectioneries	31132,3	13.57	14.04	15.00	14.64	--	483.09	480.17	601.50	576.82	--
Fruit and vegetable preserving and specialty	3114	13.25	13.44	14.03	14.16	--	544.58	547.01	596.28	594.72	--
Frozen food	31141	12.13	12.32	12.68	12.64	--	486.41	491.57	513.54	519.50	--
Frozen fruits and vegetables	311411	12.70	13.32	13.21	13.48	--	562.61	551.45	589.17	641.65	--
Frozen specialty food	311412	11.69	11.75	12.30	12.03	--	437.21	459.43	467.40	448.72	--
Fruit and vegetable canning and drying	31142	14.32	14.55	15.14	15.70	--	601.44	603.83	669.19	673.53	--
Dried and dehydrated food	311423	13.72	14.16	15.23	15.54	--	573.50	583.39	612.25	660.45	--
Dairy products	3115	16.89	16.99	18.21	17.70	--	724.58	740.76	779.39	785.88	--
Dairy products, except frozen	31151	17.35	17.39	18.85	18.15	--	758.20	773.86	819.98	827.64	--
Fluid milk	311511	18.13	18.24	19.85	20.09	--	839.42	849.98	911.12	942.22	--
Animal slaughtering and processing	3116	11.51	11.53	11.83	11.80	--	471.91	479.65	494.49	486.16	--
Animal, except poultry, slaughtering	311611	11.84	12.03	12.39	12.24	--	516.22	534.13	530.29	521.42	--
Meat processed from carcasses, and rendering and meat byproduct processing	311612,3	12.39	12.30	13.11	12.98	--	525.34	538.74	561.11	547.76	--
Poultry processing	311615	10.84	10.78	10.84	10.93	--	419.51	419.34	441.19	435.01	--
Seafood product preparation and packaging	3117	11.59	11.59	13.08	11.35	--	401.01	418.40	447.34	447.19	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Nondurable goods-Continued											
Bakeries and tortilla manufacturing	3118	39.5	40.4	39.3	38.7	--	4.9	5.7	4.3	4.6	--
Bread and bakery products	31181	39.3	40.1	38.9	38.5	--	4.7	5.4	4.1	4.4	--
Retail bakeries	311811	31.2	32.0	33.6	32.2	--	--	--	--	--	--
Commercial bakeries and frozen cakes and other pastry products	311812,3	43.5	44.3	41.5	41.5	--	6.2	6.9	5.0	5.6	--
Cookies, crackers, pasta, and tortillas	31182,3	39.9	41.2	40.4	39.5	--	5.6	6.3	5.0	5.0	--
Other food products	3119	41.4	41.5	44.0	42.2	--	6.1	6.4	5.8	5.5	--
Snack food	31191	40.8	39.8	42.3	40.9	--	5.7	5.2	7.5	6.8	--
Miscellaneous food products	31192,3,4,9	41.6	42.2	44.8	42.7	--	6.2	6.9	5.1	4.9	--
Beverages and tobacco products	312	40.4	41.0	40.6	40.2	40.2	4.7	5.5	5.0	4.3	--
Beverages	3121	40.2	40.8	40.6	40.1	--	4.9	6.0	5.3	4.5	--
Soft drinks and ice	31211	41.6	43.9	41.9	42.6	--	4.0	6.4	6.0	4.7	--
Soft drinks	312111	41.2	39.2	40.8	41.3	--	5.1	3.3	6.6	5.8	--
Breweries, wineries, and distilleries	31212,3,4	38.4	36.6	38.9	36.9	--	6.1	5.4	4.4	4.3	--
Textile mills	313	40.3	40.3	40.8	40.0	40.8	3.6	3.9	4.0	3.2	--
Fiber, yarn, and thread mills	3131	41.1	40.8	42.4	42.1	--	3.7	4.2	4.0	3.9	--
Fabric mills	3132	40.0	40.2	39.3	39.0	--	4.1	4.2	3.6	2.9	--
Broadwoven fabric mills	31321	39.5	41.3	39.6	38.3	--	4.1	4.7	3.2	2.2	--
Textile and fabric finishing mills	3133	40.1	40.0	41.4	39.5	--	2.7	3.2	4.7	3.0	--
Broadwoven fabric finishing mills	313311	37.7	36.5	36.5	33.7	--	3.6	3.4	4.7	1.1	--
Textile product mills	314	39.2	40.1	40.3	38.8	37.8	3.5	4.3	3.4	2.2	--
Textile furnishings mills	3141	40.8	41.9	40.1	38.3	--	4.3	5.3	3.4	1.9	--
Curtain and linen mills	31412	36.4	37.8	39.3	37.3	--	2.4	4.0	3.5	1.2	--
Other textile product mills	3149	37.1	37.6	40.5	39.4	--	2.5	2.9	3.3	2.6	--
Textile bag and canvas mills	31491	38.1	39.3	42.8	40.9	--	3.1	4.4	4.1	2.7	--
All other textile product mills	31499	36.4	36.3	38.7	38.2	--	2.0	1.7	2.7	2.6	--
Apparel	315	37.3	37.1	37.1	37.5	38.1	2.4	2.3	2.5	2.9	--
Apparel knitting mills	3151	42.1	41.6	40.8	40.1	--	5.1	4.1	4.0	3.9	--
Hosiery and sock mills	31511	38.4	39.2	39.5	38.5	--	2.8	3.2	3.3	3.1	--
Cut and sew apparel	3152	36.4	36.2	36.4	37.0	--	1.9	1.9	2.3	2.8	--
Cut and sew apparel contractors	31521	35.4	35.1	35.2	35.8	--	1.4	1.6	2.4	3.1	--
Men's cut and sew apparel contractors	315211	37.4	38.6	38.6	35.9	--	--	--	--	--	--
Women's cut and sew apparel contractors	315212	34.8	34.0	34.1	35.8	--	1.4	1.5	2.3	3.5	--
Men's cut and sew apparel	31522	37.3	37.4	37.1	38.2	--	2.5	2.1	1.6	2.2	--
Women's cut and sew apparel	31523	37.7	37.5	37.9	38.5	--	3.4	3.1	2.5	2.6	--
Accessories and other apparel	3159	36.8	37.1	38.0	37.4	--	--	--	--	--	--
Leather and allied products	316	38.9	38.3	37.6	37.7	38.7	4.1	3.6	2.2	1.8	--
Footwear	3162	39.4	39.0	41.0	39.9	--	--	--	--	--	--
Leather and hide tanning and finishing and other leather products	3161,9	38.5	37.8	34.8	35.9	--	4.7	4.3	2.4	2.1	--
Paper and paper products	322	43.0	43.1	43.8	43.7	43.4	5.8	5.6	6.2	5.7	--
Pulp, paper, and paperboard mills	3221	44.7	45.5	44.5	44.9	--	8.0	7.8	7.5	7.2	--
Pulp mills and paper mills	32211,2	44.7	44.9	44.5	44.6	--	7.9	7.4	7.6	7.0	--
Paperboard mills	32213	44.8	47.1	44.4	45.6	--	8.1	8.7	7.1	7.7	--
Converted paper products	3222	42.3	42.1	43.6	43.2	--	4.9	4.6	5.6	5.0	--
Paperboard containers	32221	43.6	43.4	44.9	44.5	--	5.6	4.7	6.0	5.5	--
Corrugated and solid fiber boxes	322211	44.8	44.0	45.2	44.9	--	6.0	4.7	6.2	5.5	--
Folding paperboard boxes	322212	42.0	43.0	46.6	45.3	--	5.5	5.3	6.1	6.2	--
Paper bags and coated and treated paper	32222	41.4	41.0	42.9	42.5	--	5.0	5.3	6.3	5.9	--
Stationery products	32223	40.8	40.5	38.8	39.8	--	3.2	2.8	2.5	1.5	--
Other converted paper products	32229	39.7	39.9	42.7	42.0	--	3.5	4.5	5.1	4.3	--
Printing and related support activities	323	39.7	39.4	39.4	39.0	39.2	3.8	3.6	3.5	3.2	--
Commercial lithograph printing	32311	41.5	40.9	40.2	40.4	--	5.4	5.1	4.3	4.4	--
Commercial flexographic printing	323112	38.7	39.3	38.2	38.1	--	3.9	4.5	2.4	3.3	--
Commercial screen printing	323113	36.9	36.9	38.7	37.6	--	.9	1.4	1.9	1.3	--
Quick printing	323114	36.0	35.7	36.1	35.3	--	1.5	.0	1.1	.7	--
Manifold business forms printing	323116	39.5	39.5	38.4	39.3	--	--	--	--	--	--
Commercial gravure and misc. commercial printing	323111,5,7,8	40.3	40.1	40.8	39.6	--	3.9	4.1	4.6	3.4	--
Support activities for printing	32312	39.3	38.9	38.8	38.3	--	2.2	2.7	3.5	2.3	--
Petroleum and coal products	324	45.5	45.4	44.1	43.1	44.0	7.8	8.1	6.6	5.7	--
Petroleum refineries	32411	46.6	46.8	45.6	43.7	--	--	--	--	--	--
Asphalt paving and roofing materials and other petroleum and coal products	32412,9	44.1	43.5	41.9	42.1	--	6.4	5.8	5.1	4.4	--
Chemicals	325	42.2	42.0	42.1	41.3	41.8	3.9	3.6	3.7	3.4	--
Basic chemicals	3251	44.4	43.8	44.0	42.2	--	5.2	4.7	4.6	4.2	--

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Nondurable goods-Continued											
Bakeries and tortilla manufacturing	3118	12.49	12.59	13.32	13.03	--	493.36	508.64	523.48	504.26	--
Bread and bakery products	31181	12.38	12.48	13.21	12.82	--	486.53	500.45	513.87	493.57	--
Retail bakeries	311811	9.97	10.21	10.55	10.23	--	311.06	326.72	354.48	329.41	--
Commercial bakeries and frozen cakes and other pastry products	311812,3	13.27	13.33	14.25	13.78	--	577.25	590.52	591.38	571.87	--
Cookies, crackers, pasta, and tortillas	31182,3	12.75	12.87	13.63	13.65	--	508.73	530.24	550.65	539.18	--
Other food products	3119	13.96	13.99	13.89	14.23	--	577.94	580.59	611.16	600.51	--
Snack food	31191	12.49	12.53	14.41	14.36	--	509.59	498.69	609.54	587.32	--
Miscellaneous food products	31192,3,4,9	14.56	14.55	13.67	14.18	--	605.70	614.01	612.42	605.49	--
Beverages and tobacco products	312	18.45	18.20	18.39	18.69	19.45	745.38	746.20	746.63	751.34	781.89
Beverages	3121	17.45	17.20	17.40	17.56	--	701.49	701.76	706.44	704.16	--
Soft drinks and ice	31211	15.41	15.18	16.07	16.40	--	641.06	666.40	673.33	698.64	--
Soft drinks	312111	16.40	16.23	18.06	18.02	--	675.68	636.22	736.85	744.23	--
Breweries, wineries, and distilleries	31212,3,4	20.23	20.41	19.28	19.32	--	776.83	747.01	749.99	712.91	--
Textile mills	313	12.82	12.74	13.15	12.94	13.07	516.65	513.42	536.52	517.60	533.26
Fiber, yarn, and thread mills	3131	12.21	12.45	12.29	12.16	--	501.83	507.96	521.10	511.94	--
Fabric mills	3132	13.43	13.08	13.82	13.45	--	537.20	525.82	543.13	524.55	--
Broadwoven fabric mills	31321	13.81	13.08	14.20	13.75	--	545.50	540.20	562.32	526.63	--
Textile and fabric finishing mills	3133	12.45	12.46	13.07	12.97	--	499.25	498.40	541.10	512.32	--
Broadwoven fabric finishing mills	313311	11.59	11.81	12.29	11.83	--	436.94	431.07	448.59	398.67	--
Textile product mills	314	11.84	11.98	11.82	11.79	11.90	464.13	480.40	476.35	457.45	449.82
Textile furnishings mills	3141	11.45	11.72	11.52	11.39	--	467.16	491.07	461.95	436.24	--
Curtain and linen mills	31412	10.90	11.18	11.19	11.06	--	396.76	422.60	439.77	412.54	--
Other textile product mills	3149	12.39	12.38	12.21	12.28	--	459.67	465.49	494.51	483.83	--
Textile bag and canvas mills	31491	11.31	11.17	11.12	11.47	--	430.91	438.98	475.94	469.12	--
All other textile product mills	31499	13.20	13.38	13.15	12.95	--	480.48	485.69	508.91	494.69	--
Apparel	315	10.60	10.53	11.09	11.06	11.11	395.38	390.66	411.44	414.75	423.29
Apparel knitting mills	3151	11.42	11.29	10.98	10.89	--	480.78	469.66	447.98	436.69	--
Hosiery and sock mills	31511	11.42	11.43	10.87	10.71	--	438.53	448.06	429.37	412.34	--
Cut and sew apparel	3152	10.28	10.23	11.07	11.03	--	374.19	370.33	402.95	408.11	--
Cut and sew apparel contractors	31521	9.91	9.82	9.94	9.85	--	350.81	344.68	349.89	352.63	--
Men's cut and sew apparel contractors	315211	9.92	9.89	9.82	9.43	--	371.01	381.75	379.05	338.54	--
Women's cut and sew apparel contractors	315212	9.90	9.79	9.99	10.00	--	344.52	332.86	340.66	358.00	--
Men's cut and sew apparel	31522	10.07	9.86	10.87	10.92	--	375.61	368.76	403.28	417.14	--
Women's cut and sew apparel	31523	11.30	11.46	14.00	13.89	--	426.01	429.75	530.60	534.77	--
Accessories and other apparel	3159	12.04	11.99	11.46	11.73	--	443.07	444.83	435.48	438.70	--
Leather and allied products	316	11.64	11.58	12.22	12.07	12.28	452.80	443.51	459.47	455.04	475.24
Footwear	3162	11.82	11.66	12.52	12.61	--	465.71	454.74	513.32	503.14	--
Leather and hide tanning and finishing and other leather products	3161,9	11.49	11.51	11.93	11.57	--	442.37	435.08	415.16	415.36	--
Paper and paper products	322	18.10	18.05	18.54	18.47	18.59	778.30	777.96	812.05	807.14	806.81
Pulp, paper, and paperboard mills	3221	22.94	23.04	24.57	24.20	--	1,025.42	1,048.32	1,093.37	1,086.58	--
Pulp mills and paper mills	32211,2	23.25	23.21	24.65	24.13	--	1,039.28	1,042.13	1,096.93	1,076.20	--
Paperboard mills	32213	22.12	22.62	24.36	24.38	--	990.98	1,065.40	1,081.58	1,111.73	--
Converted paper products	3222	15.94	15.80	16.01	16.06	--	674.26	665.18	698.04	693.79	--
Paperboard containers	32221	15.35	15.13	15.23	15.47	--	669.26	656.64	683.83	688.42	--
Corrugated and solid fiber boxes	322211	14.95	14.72	14.60	14.91	--	669.76	647.68	659.92	669.46	--
Folding paperboard boxes	322212	16.75	16.79	16.59	16.37	--	703.50	721.97	773.09	741.56	--
Paper bags and coated and treated paper	32222	17.03	17.08	18.05	17.93	--	705.04	700.28	774.35	762.03	--
Stationery products	32223	15.85	15.70	14.95	15.00	--	646.68	635.85	580.06	597.00	--
Other converted paper products	32229	16.51	16.40	16.45	16.02	--	655.45	654.36	702.42	672.84	--
Printing and related support activities	323	15.87	15.93	16.37	16.47	16.35	630.04	627.64	644.98	642.33	640.92
Commercial lithograph printing	32311	17.41	17.43	18.03	17.89	--	722.52	712.89	724.81	722.76	--
Commercial flexographic printing	323112	15.68	15.61	15.67	16.11	--	606.82	613.47	598.59	613.79	--
Commercial screen printing	323113	12.23	12.43	12.39	12.73	--	451.29	458.67	479.49	478.65	--
Quick printing	323114	14.56	14.55	15.29	15.47	--	524.16	519.44	551.97	546.09	--
Manifold business forms printing	323116	16.79	16.71	17.06	16.86	--	663.21	660.05	655.10	662.60	--
Commercial gravure and misc. commercial printing	323111,5,7,8	15.18	15.37	15.59	16.02	--	611.75	616.34	636.07	634.39	--
Support activities for printing	32312	15.31	15.44	16.90	16.65	--	601.68	600.62	655.72	637.70	--
Petroleum and coal products	324	24.17	24.44	25.88	24.82	25.25	1,099.74	1,109.58	1,141.31	1,069.74	1,111.00
Petroleum refineries	32411	28.84	29.03	30.15	28.59	--	1,343.94	1,358.60	1,374.84	1,249.38	--
Asphalt paving and roofing materials and other petroleum and coal products	32412,9	18.07	17.95	19.06	18.66	--	796.89	780.83	798.61	785.59	--
Chemicals	325	19.57	19.61	19.50	19.36	19.59	825.85	823.62	820.95	799.57	818.86
Basic chemicals	3251	22.81	22.72	23.52	22.75	--	1,012.76	995.14	1,034.88	960.05	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Nondurable goods-Continued											
Other basic inorganic chemicals	32518	42.1	42.6	43.6	42.3	--	4.3	4.3	5.0	4.1	--
Resin, rubber, and artificial fibers	3252	42.6	42.5	43.6	42.4	--	5.2	5.2	4.6	3.8	--
Resin and synthetic rubber	32521	43.0	42.8	42.6	41.4	--	5.2	5.1	4.7	4.2	--
Plastics material and resin	325211	42.6	42.4	41.8	40.4	--	5.2	5.1	4.4	3.8	--
Agricultural chemicals	3253	45.3	45.2	44.7	44.2	--	--	--	--	--	--
Pharmaceuticals and medicines	3254	41.9	41.8	41.1	40.4	--	2.6	2.8	3.5	3.4	--
Pharmaceutical preparations	325412	42.6	42.7	41.3	40.2	--	2.7	3.0	3.7	3.6	--
Miscellaneous medicinal and biological products	325411,3,4	39.1	38.6	40.5	41.1	--	2.2	2.1	2.5	2.6	--
Paints, coatings, and adhesives	3255	41.8	40.6	43.0	42.4	--	4.7	4.0	3.4	2.7	--
Paints and coatings	32551	42.0	41.5	44.1	42.3	--	2.8	2.0	3.3	2.1	--
Soaps, cleaning compounds, and toiletries	3256	41.1	40.1	40.0	39.3	--	3.0	1.7	2.3	2.4	--
Soaps and cleaning compounds	32561	39.9	40.0	40.7	39.6	--	3.8	2.5	2.2	1.9	--
Polishes and other sanitation goods and surface active agents	325612,3	39.2	38.0	38.9	38.2	--	3.9	2.9	2.1	2.2	--
Toilet preparations	32562	42.1	40.2	39.2	39.0	--	2.2	.9	2.4	3.0	--
Other chemical products and preparations	3259	40.1	40.6	41.1	41.2	--	2.8	3.0	3.3	3.0	--
Plastics and rubber products	326	40.7	40.5	41.9	41.5	42.1	3.7	3.8	4.3	4.0	--
Plastics products	3261	40.5	40.2	41.5	41.2	--	3.6	3.7	4.1	3.8	--
Plastics packaging materials, film, and sheet	32611	42.6	41.6	43.7	42.5	--	5.8	5.2	5.9	5.3	--
Nonpackaging plastics film and sheet	326113	43.2	41.9	43.4	41.8	--	4.8	3.9	5.1	4.3	--
Plastics pipe, fittings, and profile shapes	32612	41.5	41.2	40.9	40.8	--	3.6	3.6	2.9	2.6	--
Unlaminated plastics profile shapes	326121	42.8	42.5	42.2	42.5	--	3.8	3.5	3.8	3.7	--
Plastics pipe and pipe fittings	326122	40.5	40.3	40.1	39.8	--	3.5	3.6	2.4	2.0	--
Foam products	32614,5	40.8	40.7	41.7	41.9	--	3.3	3.5	4.0	3.3	--
Plastics bottles and laminated plastics plate, sheet, and shapes	32613,6	42.1	41.3	41.2	40.7	--	4.6	4.3	4.6	4.1	--
Other plastics products	32619	39.6	39.4	41.1	40.9	--	3.0	3.3	3.8	3.7	--
Rubber products	3262	41.6	42.0	43.6	42.9	--	4.1	4.2	5.1	4.7	--
Other rubber products	32629	41.0	41.6	43.3	42.2	--	3.6	3.7	4.2	3.0	--
Rubber products for mechanical use	326291	41.6	42.3	43.9	42.6	--	3.3	3.0	3.9	2.3	--
All other rubber products	326299	40.0	40.6	42.5	41.7	--	4.1	4.7	4.6	4.0	--
Private service-providing		32.7	32.3	32.8	32.3	32.3	--	--	--	--	--
Trade, transportation, and utilities		33.6	33.4	33.9	33.3	33.4	--	--	--	--	--
Wholesale trade	42	38.4	38.0	38.7	38.0	38.3	--	--	--	--	--
Durable goods	423	39.2	38.8	39.1	38.3	--	--	--	--	--	--
Motor vehicles and parts	4231	36.8	36.7	37.1	36.4	--	--	--	--	--	--
Motor vehicles	42311	33.7	34.1	33.9	33.2	--	--	--	--	--	--
New motor vehicle parts	42312	38.4	38.0	38.8	38.3	--	--	--	--	--	--
Furniture and furnishings	4232	37.6	37.2	37.0	37.0	--	--	--	--	--	--
Home furnishings	42322	35.4	35.8	36.2	36.7	--	--	--	--	--	--
Lumber and construction supplies	4233	41.1	41.0	40.5	40.2	--	--	--	--	--	--
Lumber and wood	42331	40.8	40.8	39.8	39.5	--	--	--	--	--	--
Masonry materials	42332	40.1	40.1	40.9	40.5	--	--	--	--	--	--
Roofing, siding, and other construction materials	42333,9	42.8	42.3	41.6	41.5	--	--	--	--	--	--
Commercial equipment	4234	38.9	38.3	37.6	36.7	--	--	--	--	--	--
Office equipment	42342	36.4	36.2	36.5	35.8	--	--	--	--	--	--
Computer and software	42343	40.2	39.5	38.8	37.1	--	--	--	--	--	--
Medical equipment	42345	39.2	38.8	37.3	37.0	--	--	--	--	--	--
Miscellaneous professional and commercial equipment	42341,4,6,9	38.2	37.1	36.7	36.4	--	--	--	--	--	--
Metals and minerals	4235	42.9	42.4	41.9	41.2	--	--	--	--	--	--
Electric goods	4236	39.2	38.6	40.2	39.3	--	--	--	--	--	--
Electrical equipment and wiring	42361	39.0	39.0	40.8	39.7	--	--	--	--	--	--
Electric appliances and other electronic parts	42362,9	39.4	38.4	39.7	39.0	--	--	--	--	--	--
Hardware and plumbing	4237	40.2	39.2	38.8	38.2	--	--	--	--	--	--
Hardware	42371	40.1	38.9	37.4	37.1	--	--	--	--	--	--
Plumbing equipment	42372	39.1	38.3	38.5	38.0	--	--	--	--	--	--
HVAC and refrigeration equipment	42373,4	41.7	40.6	40.6	39.7	--	--	--	--	--	--
Machinery and supplies	4238	39.6	39.1	40.2	39.3	--	--	--	--	--	--
Construction equipment	42381	39.1	39.1	40.0	40.1	--	--	--	--	--	--
Farm and garden equipment	42382	40.5	38.0	41.0	40.3	--	--	--	--	--	--
Industrial machinery	42383	40.3	40.1	40.6	39.7	--	--	--	--	--	--
Industrial supplies	42384	38.2	38.0	38.3	37.1	--	--	--	--	--	--
Service establishment equipment	42385	37.3	37.0	39.2	37.7	--	--	--	--	--	--
Miscellaneous durable goods	4239	38.5	38.8	39.9	38.6	--	--	--	--	--	--
Recyclable materials	42393	41.0	41.9	43.7	42.2	--	--	--	--	--	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Nondurable goods-Continued											
Other basic inorganic chemicals	32518	24.53	23.84	23.80	23.20	--	1,032.71	1,015.58	1,037.68	981.36	--
Resin, rubber, and artificial fibers	3252	20.60	20.66	21.29	21.42	--	877.56	878.05	928.24	908.21	--
Resin and synthetic rubber	32521	23.36	23.31	22.77	22.80	--	1,004.48	997.67	970.00	943.92	--
Plastics material and resin	325211	24.00	23.88	22.90	22.68	--	1,022.40	1,012.51	957.22	916.27	--
Agricultural chemicals	3253	21.22	21.95	21.23	21.58	--	961.27	992.14	948.98	953.84	--
Pharmaceuticals and medicines	3254	21.03	20.98	20.06	20.05	--	881.16	876.96	824.47	810.02	--
Pharmaceutical preparations	325412	21.43	21.24	19.81	19.75	--	912.92	906.95	818.15	793.95	--
Miscellaneous medicinal and biological products	325411,3,4	19.33	19.89	21.10	21.21	--	755.80	767.75	854.55	871.73	--
Paints, coatings, and adhesives	3255	15.95	15.96	15.85	15.58	--	666.71	647.98	681.55	660.59	--
Paints and coatings	32551	15.00	15.28	15.54	15.49	--	630.00	634.12	685.31	655.23	--
Soaps, cleaning compounds, and toiletries	3256	15.23	15.31	15.30	15.29	--	625.95	613.93	612.00	600.90	--
Soaps and cleaning compounds	32561	16.43	16.22	16.44	16.36	--	655.56	648.80	669.11	647.86	--
Polishes and other sanitation goods and surface active agents	325612,3	16.87	16.35	16.46	16.31	--	661.30	621.30	640.29	623.04	--
Toilet preparations	32562	14.20	14.45	14.08	14.12	--	597.82	580.89	551.94	550.68	--
Other chemical products and preparations	3259	16.69	16.41	16.10	16.01	--	669.27	666.25	661.71	659.61	--
Plastics and rubber products	326	14.98	15.04	15.42	15.34	15.46	609.69	609.12	646.10	636.61	650.87
Plastics products	3261	14.37	14.46	14.67	14.65	--	581.99	581.29	608.81	603.58	--
Plastics packaging materials, film, and sheet	32611	16.48	16.78	17.05	17.13	--	702.05	698.05	745.09	728.03	--
Nonpackaging plastics film and sheet	326113	15.88	16.38	16.70	16.86	--	686.02	686.32	724.78	704.75	--
Plastics pipe, fittings, and profile shapes	32612	14.64	14.69	15.03	15.10	--	607.56	605.23	614.73	616.08	--
Unlaminated plastics profile shapes	326121	15.42	15.43	16.49	16.56	--	659.98	655.78	695.88	703.80	--
Plastics pipe and pipe fittings	326122	14.04	14.13	14.09	14.18	--	568.62	569.44	565.01	564.36	--
Foam products	32614,5	15.23	15.33	15.45	15.46	--	621.38	623.93	644.27	647.77	--
Plastics bottles and laminated plastics plate, sheet, and shapes	32613,6	15.25	15.23	15.64	15.64	--	642.03	629.00	644.37	636.55	--
Other plastics products	32619	13.50	13.57	13.74	13.68	--	534.60	534.66	564.71	559.51	--
Rubber products	3262	17.57	17.48	18.24	17.94	--	730.91	734.16	795.26	769.63	--
Other rubber products	32629	14.48	14.31	14.55	14.25	--	593.68	595.30	630.02	601.35	--
Rubber products for mechanical use	326291	14.52	14.42	14.51	14.17	--	604.03	609.97	636.99	603.64	--
All other rubber products	326299	14.41	14.13	14.62	14.38	--	576.40	573.68	621.35	599.65	--
Private service-providing		16.68	16.65	17.29	17.25	17.30	545.44	537.80	567.11	557.18	558.79
Trade, transportation, and utilities		15.59	15.44	16.03	15.96	15.87	523.82	515.70	543.42	531.47	530.06
Wholesale trade	42	19.14	19.16	19.83	19.74	19.77	734.98	728.08	767.42	750.12	757.19
Durable goods	423	19.61	19.60	20.08	19.93	--	768.71	760.48	785.13	763.32	--
Motor vehicles and parts	4231	16.95	17.24	16.12	16.33	--	623.76	632.71	598.05	594.41	--
Motor vehicles	42311	16.70	16.83	16.28	16.39	--	562.79	573.90	551.89	544.15	--
New motor vehicle parts	42312	17.58	17.85	16.61	16.96	--	675.07	678.30	644.47	649.57	--
Furniture and furnishings	4232	16.42	16.80	18.35	17.83	--	617.39	624.96	678.95	659.71	--
Home furnishings	42322	16.59	17.09	18.06	17.37	--	687.29	611.82	653.77	637.48	--
Lumber and construction supplies	4233	17.53	17.68	17.86	17.78	--	720.48	724.88	723.33	714.76	--
Lumber and wood	42331	17.50	17.82	18.82	18.70	--	714.00	727.06	749.04	738.65	--
Masonry materials	42332	17.33	17.66	16.71	16.37	--	694.93	708.17	683.44	662.99	--
Roofing, siding, and other construction materials	42333,9	17.79	17.38	16.92	17.18	--	761.41	735.17	703.87	712.97	--
Commercial equipment	4234	24.10	23.94	24.50	24.20	--	937.49	916.90	921.20	888.14	--
Office equipment	42342	20.96	20.72	20.14	20.64	--	762.94	750.06	735.11	738.91	--
Computer and software	42343	28.68	28.26	29.87	29.84	--	1,152.94	1,116.27	1,158.96	1,107.06	--
Medical equipment	42345	22.32	22.32	21.84	20.91	--	874.94	866.02	814.63	773.67	--
Miscellaneous professional and commercial equipment	42341,4,6,9	18.88	19.27	20.53	20.15	--	721.22	714.92	753.45	733.46	--
Metals and minerals	4235	17.87	18.10	19.26	19.01	--	766.62	767.44	806.99	783.21	--
Electric goods	4236	22.96	23.05	23.08	22.76	--	900.03	889.73	927.82	894.47	--
Electrical equipment and wiring	42361	21.54	21.59	21.17	21.08	--	840.06	842.01	863.74	836.88	--
Electric appliances and other electronic parts	42362,9	23.96	24.09	24.57	24.07	--	944.02	925.06	975.43	938.73	--
Hardware and plumbing	4237	17.82	17.57	19.25	18.94	--	716.36	688.74	746.90	723.51	--
Hardware	42371	16.45	16.54	17.43	17.50	--	659.65	643.41	651.88	649.25	--
Plumbing equipment	42372	18.98	18.94	20.36	19.78	--	742.12	725.40	783.86	751.64	--
HVAC and refrigeration equipment	42373,4	17.87	16.95	19.70	19.35	--	745.18	688.17	799.82	768.20	--
Machinery and supplies	4238	19.08	19.05	19.80	19.78	--	755.57	744.86	795.96	777.35	--
Construction equipment	42381	19.68	20.05	19.87	20.04	--	769.49	783.96	794.80	803.60	--
Farm and garden equipment	42382	16.01	15.61	16.28	16.19	--	648.41	593.18	667.48	652.46	--
Industrial machinery	42383	20.16	20.15	21.02	21.12	--	812.45	808.02	853.41	838.46	--
Industrial supplies	42384	19.07	19.25	18.79	18.72	--	728.47	731.50	719.66	694.51	--
Service establishment equipment	42385	17.53	17.15	19.21	18.74	--	653.87	634.55	753.03	706.50	--
Miscellaneous durable goods	4239	15.55	15.38	15.80	15.77	--	598.68	596.74	630.42	608.72	--
Recyclable materials	42393	14.60	14.39	14.63	14.46	--	598.60	602.94	639.33	610.21	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Wholesale trade-Continued											
Toy, hobby, and other durable goods	42392,9	37.6	37.8	37.4	35.9	--	--	--	--	--	--
Nondurable goods	424	37.6	37.5	38.5	38.0	--	--	--	--	--	--
Paper and paper products	4241	30.7	31.5	34.4	32.5	--	--	--	--	--	--
Printing and writing paper and office supplies	42411,2	23.6	25.0	30.0	28.1	--	--	--	--	--	--
Industrial paper	42413	40.5	40.3	39.9	38.3	--	--	--	--	--	--
Druggists' goods	4242	37.5	38.1	39.9	38.2	--	--	--	--	--	--
Apparel and piece goods	4243	37.7	37.5	38.6	38.1	--	--	--	--	--	--
Grocery and related products	4244	38.9	38.8	39.3	38.7	--	--	--	--	--	--
General line grocery	42441	38.3	38.1	39.6	39.1	--	--	--	--	--	--
Fruits and vegetables	42448	40.8	39.9	41.1	40.8	--	--	--	--	--	--
Farm product raw materials	4245	40.6	36.8	39.0	42.2	--	--	--	--	--	--
Grains and field beans	42451	47.4	42.9	42.8	47.3	--	--	--	--	--	--
Chemicals	4246	40.8	40.4	41.8	40.6	--	--	--	--	--	--
Other chemicals	42469	40.7	39.9	41.3	40.2	--	--	--	--	--	--
Petroleum	4247	34.1	34.2	36.5	36.9	--	--	--	--	--	--
Alcoholic beverages	4248	36.9	36.7	37.6	37.7	--	--	--	--	--	--
Beer and ale	42481	36.8	36.7	37.7	37.8	--	--	--	--	--	--
Misc. nondurable goods	4249	37.6	37.2	37.3	37.2	--	--	--	--	--	--
Farm supplies	42491	38.8	38.2	40.1	39.8	--	--	--	--	--	--
Paint, painting supplies, and other nondurable goods	42495,9	35.4	34.5	34.3	34.3	--	--	--	--	--	--
Electronic markets and agents and brokers	425	37.1	36.5	37.8	37.0	--	--	--	--	--	--
Business to business electronic markets	42511	39.2	39.8	39.2	38.6	--	--	--	--	--	--
Wholesale trade agents and brokers	42512	36.9	36.3	37.7	36.9	--	--	--	--	--	--
Retail trade	44,45	30.4	30.3	30.7	30.1	30.3	--	--	--	--	--
Motor vehicle and parts dealers	441	35.6	35.3	36.5	35.8	--	--	--	--	--	--
Automobile dealers	4411	35.5	35.3	36.4	35.8	--	--	--	--	--	--
New car dealers	44111	35.5	35.4	36.4	35.9	--	--	--	--	--	--
Used car dealers	44112	35.9	34.5	36.1	34.7	--	--	--	--	--	--
Other motor vehicle dealers	4412	34.6	34.3	35.4	34.1	--	--	--	--	--	--
Motorcycle, boat, and other vehicle dealers	44122	34.6	34.4	35.0	34.3	--	--	--	--	--	--
Auto parts, accessories, and tire stores	4413	36.3	35.7	37.1	36.5	--	--	--	--	--	--
Automotive parts and accessories stores	44131	34.7	33.9	35.1	34.9	--	--	--	--	--	--
Tire dealers	44132	39.4	39.2	40.8	39.6	--	--	--	--	--	--
Furniture and home furnishings stores	442	30.6	30.0	30.7	29.8	--	--	--	--	--	--
Furniture stores	4421	31.3	30.8	32.7	32.1	--	--	--	--	--	--
Home furnishings stores	4422	29.9	29.2	28.6	27.5	--	--	--	--	--	--
Floor covering stores	44221	36.7	36.5	37.0	36.1	--	--	--	--	--	--
Other home furnishings stores	44229	26.5	25.8	24.4	23.5	--	--	--	--	--	--
Electronics and appliance stores	443	34.2	33.4	33.4	31.6	--	--	--	--	--	--
Appliance, TV, and other electronics stores	44311	33.5	32.9	31.7	30.1	--	--	--	--	--	--
Household appliance stores	443111	33.9	33.2	32.4	32.2	--	--	--	--	--	--
Radio, TV, and other electronics stores	443112	33.4	32.8	31.5	29.6	--	--	--	--	--	--
Computer, software, camera, and photography supply stores	44312,3	36.0	34.8	37.4	35.2	--	--	--	--	--	--
Building material and garden supply stores	444	36.3	35.5	34.9	34.5	--	--	--	--	--	--
Building material and supplies dealers	4441	36.6	35.9	35.1	34.7	--	--	--	--	--	--
Home centers	44411	36.3	35.3	34.4	34.2	--	--	--	--	--	--
Paint and wallpaper stores	44412	37.9	38.5	38.8	39.4	--	--	--	--	--	--
Hardware stores	44413	30.7	30.4	29.8	29.7	--	--	--	--	--	--
Other building material dealers	44419	40.2	39.8	38.9	37.9	--	--	--	--	--	--
Lawn and garden equipment and supplies stores	4442	33.3	32.0	33.1	32.8	--	--	--	--	--	--
Outdoor power equipment stores	44421	33.9	32.7	33.1	33.3	--	--	--	--	--	--
Nursery, garden, and farm supply stores	44422	33.1	31.8	33.1	32.6	--	--	--	--	--	--
Food and beverage stores	445	29.7	29.9	29.8	29.4	--	--	--	--	--	--
Grocery stores	4451	29.7	29.9	29.8	29.4	--	--	--	--	--	--
Supermarkets and other grocery stores	44511	29.7	29.9	29.7	29.3	--	--	--	--	--	--
Convenience stores	44512	30.4	30.4	31.0	30.9	--	--	--	--	--	--
Specialty food stores	4452	32.2	31.6	30.9	30.6	--	--	--	--	--	--
Meat markets and fish and seafood markets	44521,2	33.3	32.4	32.4	31.3	--	--	--	--	--	--
Fruit and vegetable markets	44523	34.1	33.8	33.1	34.5	--	--	--	--	--	--
Other specialty food stores	44529	31.1	30.5	29.4	28.8	--	--	--	--	--	--
Beer, wine, and liquor stores	4453	25.3	25.5	27.7	27.2	--	--	--	--	--	--
Health and personal care stores	446	29.5	29.4	30.0	29.4	--	--	--	--	--	--
Pharmacies and drug stores	44611	28.8	29.0	29.5	28.8	--	--	--	--	--	--

See footnotes at the end of table.

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Wholesale trade—Continued											
Toy, hobby, and other durable goods	42392,9	18.05	17.88	18.48	18.49	--	678.68	675.86	691.15	663.79	--
Nondurable goods	424	17.05	17.14	17.93	17.82	--	641.08	642.75	690.31	677.16	--
Paper and paper products	4241	18.68	18.44	18.55	18.23	--	573.48	580.86	638.12	592.48	--
Printing and writing paper and office supplies	42411,2	16.26	16.31	18.06	18.09	--	383.74	407.75	541.80	508.33	--
Industrial paper	42413	20.61	20.21	19.02	18.37	--	834.71	814.46	758.90	703.57	--
Druggists' goods	4242	20.95	21.14	22.39	21.80	--	785.63	805.43	893.36	832.76	--
Apparel and piece goods	4243	18.75	18.50	19.21	19.52	--	706.88	693.75	741.51	743.71	--
Grocery and related products	4244	16.04	16.24	17.03	17.20	--	623.96	630.11	669.28	665.64	--
General line grocery	42441	17.73	17.78	19.36	19.98	--	679.06	677.42	766.66	781.22	--
Fruits and vegetables	42448	14.71	15.30	16.53	16.87	--	600.17	610.47	679.38	688.30	--
Farm product raw materials	4245	14.17	13.99	14.05	14.32	--	575.30	514.83	547.95	604.30	--
Grains and field beans	42451	14.17	13.94	14.42	14.98	--	671.66	598.03	617.18	708.55	--
Chemicals	4246	19.35	19.39	20.24	20.24	--	789.48	783.36	846.03	821.74	--
Other chemicals	42469	20.41	20.69	21.93	21.96	--	830.69	825.53	905.71	882.79	--
Petroleum	4247	15.07	15.21	16.17	16.28	--	513.89	520.18	590.21	600.73	--
Alcoholic beverages	4248	18.94	19.37	20.08	19.08	--	698.89	710.88	755.01	719.32	--
Beer and ale	42481	17.02	17.40	17.91	17.36	--	626.34	638.58	675.21	656.21	--
Misc. nondurable goods	4249	15.22	14.99	15.80	15.74	--	572.27	557.63	589.34	585.53	--
Farm supplies	42491	15.19	14.94	15.90	15.94	--	589.37	570.71	637.59	634.41	--
Paint, painting supplies, and other nondurable goods	42495,9	16.96	16.93	17.44	16.92	--	600.38	584.09	598.19	580.36	--
Electronic markets and agents and brokers	425	22.89	22.90	24.00	24.22	--	849.22	835.85	907.20	896.14	--
Business to business electronic markets	42511	19.24	18.81	18.69	20.17	--	754.21	748.64	732.65	778.56	--
Wholesale trade agents and brokers	42512	23.17	23.22	24.38	24.51	--	854.97	842.89	919.13	904.42	--
Retail trade	44,45	12.70	12.52	12.94	12.86	12.74	386.08	379.36	397.26	387.09	386.02
Motor vehicle and parts dealers	441	16.61	16.20	16.73	16.25	--	591.32	571.86	610.65	581.75	--
Automobile dealers	4411	18.00	17.41	18.03	17.34	--	639.00	614.57	656.29	620.77	--
New car dealers	44111	18.41	17.79	18.38	17.65	--	653.56	629.77	669.03	633.64	--
Used car dealers	44112	13.99	13.69	14.65	14.35	--	502.24	472.31	528.87	497.95	--
Other motor vehicle dealers	4412	16.35	15.68	17.31	17.05	--	565.71	537.82	612.77	581.41	--
Motorcycle, boat, and other vehicle dealers	44122	15.80	15.47	16.95	16.71	--	546.68	532.17	593.25	573.15	--
Auto parts, accessories, and tire stores	4413	13.19	13.28	13.24	13.24	--	478.80	474.10	491.20	483.26	--
Automotive parts and accessories stores	44131	12.65	12.68	12.63	12.66	--	438.96	429.85	443.31	441.83	--
Tire dealers	44132	14.11	14.30	14.24	14.21	--	555.93	560.56	580.99	562.72	--
Furniture and home furnishings stores	442	14.84	14.85	15.70	15.37	--	454.10	445.50	481.99	458.03	--
Furniture stores	4421	15.03	15.06	15.80	15.13	--	470.44	463.85	516.66	485.67	--
Home furnishings stores	4422	14.64	14.63	15.58	15.64	--	437.74	427.20	445.59	430.10	--
Floor covering stores	44221	18.09	18.68	19.89	20.35	--	663.90	681.82	735.93	734.64	--
Other home furnishings stores	44229	12.23	11.96	12.31	12.29	--	324.10	308.57	300.36	288.82	--
Electronics and appliance stores	443	18.58	17.97	18.91	18.74	--	635.44	600.20	631.59	592.18	--
Appliance, TV, and other electronics stores	44311	16.24	15.62	15.42	15.20	--	544.04	513.90	488.81	457.52	--
Household appliance stores	443111	15.15	15.60	16.64	16.40	--	513.59	517.92	539.14	528.08	--
Radio, TV, and other electronics stores	443112	16.49	15.63	15.11	14.88	--	550.77	512.66	475.97	440.45	--
Computer, software, camera, and photography supply stores	44312,3	24.07	23.87	26.00	26.09	--	866.52	830.68	972.40	918.37	--
Building material and garden supply stores	444	13.79	13.81	13.87	13.86	--	500.58	490.26	484.06	478.17	--
Building material and supplies dealers	4441	13.89	13.89	13.95	13.91	--	508.37	498.65	489.65	482.68	--
Home centers	44411	13.08	13.14	12.82	12.88	--	474.80	463.84	441.01	440.50	--
Paint and wallpaper stores	44412	13.53	13.50	12.97	12.97	--	512.79	519.75	503.24	511.02	--
Hardware stores	44413	11.97	11.91	12.12	12.06	--	367.48	362.06	361.18	358.18	--
Other building material dealers	44419	16.26	16.15	17.03	16.82	--	653.65	642.77	662.47	637.48	--
Lawn and garden equipment and supplies stores	4442	12.86	13.01	13.21	13.43	--	428.24	416.32	437.25	440.50	--
Outdoor power equipment stores	44421	14.78	15.02	15.84	15.67	--	501.04	491.15	524.30	521.81	--
Nursery, garden, and farm supply stores	44422	12.28	12.36	12.49	12.79	--	406.47	393.05	413.42	416.95	--
Food and beverage stores	445	11.14	11.14	11.29	11.42	--	330.86	333.09	336.44	335.75	--
Grocery stores	4451	11.08	11.07	11.26	11.41	--	329.08	330.99	335.55	335.45	--
Supermarkets and other grocery stores	44511	11.19	11.18	11.36	11.52	--	332.34	334.28	337.39	337.54	--
Convenience stores	44512	9.14	9.21	9.63	9.47	--	277.86	279.98	298.53	292.62	--
Specialty food stores	4452	11.47	11.54	11.18	11.16	--	369.33	364.66	345.46	341.50	--
Meat markets and fish and seafood markets	44521,2	10.92	10.71	11.06	11.01	--	363.64	347.00	358.34	344.61	--
Fruit and vegetable markets	44523	10.26	10.66	10.85	10.66	--	349.87	360.31	359.14	367.77	--
Other specialty food stores	44529	12.22	12.27	11.37	11.45	--	380.04	374.24	334.28	329.76	--
Beer, wine, and liquor stores	4453	11.86	11.94	12.00	12.09	--	300.06	304.47	332.40	328.85	--
Health and personal care stores	446	14.67	14.50	15.44	15.64	--	432.77	426.30	463.20	459.82	--
Pharmacies and drug stores	44611	14.44	14.21	15.21	15.42	--	415.87	412.09	448.70	444.10	--

See footnotes at the end of table.

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Retail trade-Continued											
Optical goods stores	44613	28.1	28.3	30.6	30.9	--	--	--	--	--	--
Other health and personal care stores	44619	33.2	32.4	33.4	32.8	--	--	--	--	--	
All other health and personal care stores	446199	36.6	35.1	34.7	34.0	--	--	--	--	--	
Gasoline stations	447	31.8	31.4	31.2	30.9	--	--	--	--	--	
Gasoline stations with convenience stores	44711	31.3	30.9	30.7	30.4	--	--	--	--	--	
Other gasoline stations	44719	35.1	34.5	34.3	34.2	--	--	--	--	--	
Clothing and clothing accessories stores	448	23.1	22.3	22.7	22.6	--	--	--	--	--	
Clothing stores	4481	21.8	20.9	21.3	21.2	--	--	--	--	--	
Men's clothing stores	44811	29.5	28.8	27.6	27.5	--	--	--	--	--	
Women's clothing stores	44812	21.7	20.8	20.6	19.9	--	--	--	--	--	
Family clothing stores	44814	19.6	18.7	19.2	19.4	--	--	--	--	--	
Clothing accessories stores	44815	26.3	26.6	25.8	24.7	--	--	--	--	--	
Other clothing stores	44819	28.0	26.3	26.5	28.0	--	--	--	--	--	
Shoe stores	4482	24.5	24.4	25.1	25.3	--	--	--	--	--	
Jewelry, luggage, and leather goods stores	4483	30.3	30.1	29.6	29.9	--	--	--	--	--	
Sporting goods, hobby, book, and music stores	451	24.2	23.9	24.9	25.0	--	--	--	--	--	
Sporting goods and musical instrument stores	4511	23.6	23.2	25.3	25.2	--	--	--	--	--	
Sporting goods stores	45111	23.9	24.1	25.4	24.9	--	--	--	--	--	
Hobby, toy, and game stores	45112	23.0	22.0	25.3	25.6	--	--	--	--	--	
Sewing, needlework, and piece goods stores	45113	23.3	23.1	24.4	24.6	--	--	--	--	--	
Book, periodical, and music stores	4512	25.7	25.6	24.2	24.7	--	--	--	--	--	
Book stores and news dealers	45121	25.1	24.9	22.8	23.3	--	--	--	--	--	
Prerecorded tape, CD, and record stores	45122	28.3	28.5	32.0	31.8	--	--	--	--	--	
General merchandise stores	452	29.4	30.9	31.0	29.8	--	--	--	--	--	
Miscellaneous store retailers	453	28.2	27.4	29.0	28.6	--	--	--	--	--	
Florists	4531	27.5	28.2	27.7	28.2	--	--	--	--	--	
Office supplies, stationery, and gift stores	4532	27.4	26.4	28.6	27.9	--	--	--	--	--	
Office supplies and stationery stores	45321	31.5	29.7	33.4	32.2	--	--	--	--	--	
Gift, novelty, and souvenir stores	45322	23.9	23.6	24.3	24.1	--	--	--	--	--	
Used merchandise stores	4533	28.7	28.2	31.0	30.4	--	--	--	--	--	
Other miscellaneous store retailers	4539	29.2	28.3	29.2	28.8	--	--	--	--	--	
Pet and pet supplies stores	45391	25.8	26.0	26.9	27.4	--	--	--	--	--	
All other miscellaneous store retailers	45399	30.9	29.2	30.6	29.7	--	--	--	--	--	
Nonstore retailers	454	34.4	33.5	34.0	33.4	--	--	--	--	--	
Electronic shopping and mail-order houses	4541	33.2	32.0	33.3	32.6	--	--	--	--	--	
Mail-order houses	454113	32.1	30.0	32.0	31.4	--	--	--	--	--	
Direct selling establishments	4543	36.4	36.2	35.1	34.9	--	--	--	--	--	
Fuel dealers	45431	38.3	38.3	36.7	36.7	--	--	--	--	--	
Heating oil dealers	454311	35.4	35.0	33.2	34.1	--	--	--	--	--	
Liquefied petroleum gas, bottled gas, and other fuel dealers	454312,9	41.3	41.8	40.3	39.3	--	--	--	--	--	
Transportation and warehousing	48,49	37.3	37.1	37.3	36.8	36.8	--	--	--	--	
Truck transportation	484	41.4	40.8	40.9	40.7	--	--	--	--	--	
General freight trucking	4841	41.2	41.1	40.9	40.8	--	--	--	--	--	
General freight trucking, local	48411	40.9	40.6	40.7	41.0	--	--	--	--	--	
General freight trucking, long-distance	48412	41.2	41.2	40.9	40.7	--	--	--	--	--	
General freight trucking, long-distance TL	484121	41.6	41.6	42.0	41.7	--	--	--	--	--	
General freight trucking, long-distance LTL	484122	40.4	40.3	38.4	38.3	--	--	--	--	--	
Specialized freight trucking	4842	42.0	40.2	41.0	40.5	--	--	--	--	--	
Used household and office goods moving	48421	36.4	35.6	33.7	32.7	--	--	--	--	--	
Other specialized trucking, local	48422	45.4	43.7	44.7	44.1	--	--	--	--	--	
Other specialized trucking, long-distance	48423	40.3	37.8	40.2	40.2	--	--	--	--	--	
Transit and ground passenger transportation	485	32.1	31.8	33.1	32.8	--	--	--	--	--	
Urban transit systems	4851	40.0	39.3	40.5	40.1	--	--	--	--	--	
School and employee bus transportation	4854	26.2	25.6	28.3	27.7	--	--	--	--	--	
Other ground passenger transportation	4859	35.4	35.4	36.8	36.9	--	--	--	--	--	
Pipeline transportation	486	46.7	46.3	50.5	45.6	--	--	--	--	--	
Scenic and sightseeing transportation	487	36.1	34.2	33.8	34.7	--	--	--	--	--	
Support activities for transportation	488	37.4	37.5	39.1	38.3	--	--	--	--	--	
Support activities for air transportation	4881	36.4	37.0	38.2	37.6	--	--	--	--	--	
Airport operations	48811	35.1	35.6	38.1	37.4	--	--	--	--	--	
Support activities for water transportation	4883	35.5	36.4	36.4	35.4	--	--	--	--	--	
Port and harbor operations	48831	30.5	29.4	33.2	31.3	--	--	--	--	--	
Marine cargo handling	48832	32.3	34.4	34.4	33.1	--	--	--	--	--	

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Retail trade-Continued											
Optical goods stores	44613	15.69	15.08	14.94	14.85	--	440.89	426.76	457.16	458.87	--
Other health and personal care stores	44619	16.63	17.40	17.96	18.29	--	552.12	563.76	599.86	599.91	--
All other health and personal care stores	446199	19.19	20.37	20.46	20.90	--	702.35	714.99	709.96	710.60	--
Gasoline stations	447	9.03	9.09	9.34	9.26	--	287.15	285.43	291.41	286.13	--
Gasoline stations with convenience stores	44711	8.79	8.82	9.03	8.98	--	275.13	272.54	277.22	272.99	--
Other gasoline stations	44719	10.42	10.66	11.16	10.92	--	365.74	367.77	382.79	373.46	--
Clothing and clothing accessories stores	448	11.50	11.30	11.67	11.56	--	265.65	251.99	264.91	261.26	--
Clothing stores	4481	10.79	10.57	10.90	10.76	--	235.22	220.91	232.17	228.11	--
Men's clothing stores	44811	12.18	11.89	11.75	11.73	--	359.31	342.43	324.30	322.58	--
Women's clothing stores	44812	11.85	11.77	11.17	11.17	--	257.15	244.82	230.10	222.28	--
Family clothing stores	44814	9.50	9.26	10.04	9.88	--	186.20	173.16	192.77	191.67	--
Clothing accessories stores	44815	11.67	12.09	12.85	12.27	--	306.92	321.59	331.53	303.07	--
Other clothing stores	44819	11.82	11.42	11.49	11.29	--	330.96	300.35	304.49	316.12	--
Shoe stores	4482	10.62	10.51	11.30	11.51	--	260.19	256.44	283.63	291.20	--
Jewelry, luggage, and leather goods stores	4483	15.78	15.66	15.90	15.65	--	478.13	471.37	470.64	467.94	--
Sporting goods, hobby, book, and music stores	451	10.81	10.81	11.35	11.45	--	261.60	258.36	282.62	286.25	--
Sporting goods and musical instrument stores	4511	11.04	11.02	11.58	11.68	--	260.54	255.66	292.97	294.34	--
Sporting goods stores	45111	11.10	11.20	11.81	11.73	--	265.29	269.92	299.97	292.08	--
Hobby, toy, and game stores	45112	9.98	9.91	10.44	10.81	--	229.54	218.02	264.13	276.74	--
Sewing, needlework, and piece goods stores	45113	11.47	11.96	12.72	13.01	--	267.25	276.28	310.37	320.05	--
Book, periodical, and souvenir stores	4512	10.30	10.34	10.85	10.91	--	264.71	264.70	262.57	269.48	--
Book stores and news dealers	45121	10.59	10.63	10.71	10.83	--	265.81	264.69	244.19	252.34	--
Prerecorded tape, CD, and record stores	45122	9.25	9.36	11.39	11.21	--	261.78	266.76	364.48	356.48	--
General merchandise stores	452	10.58	10.49	10.69	10.66	--	311.05	324.14	331.39	317.67	--
Miscellaneous store retailers	453	11.31	11.31	12.05	11.84	--	318.94	309.89	349.45	338.62	--
Florists	4531	9.80	9.73	10.29	10.23	--	269.50	274.39	285.03	288.49	--
Office supplies, stationery, and gift stores	4532	11.58	11.67	13.19	12.95	--	317.29	308.09	377.23	361.31	--
Office supplies and stationery stores	45321	12.92	12.96	15.26	15.13	--	406.98	384.91	509.68	487.19	--
Gift, novelty, and souvenir stores	45322	10.10	10.31	10.60	10.38	--	241.39	243.32	257.58	250.16	--
Used merchandise stores	4533	9.38	9.40	9.16	9.11	--	269.21	265.08	283.96	276.94	--
Other miscellaneous store retailers	4539	12.21	12.17	12.46	12.16	--	356.53	344.41	363.83	350.21	--
Pet and pet supplies stores	45391	10.59	10.60	10.80	10.76	--	273.22	275.60	290.52	294.82	--
All other miscellaneous store retailers	45399	12.37	12.32	13.15	12.81	--	382.23	359.74	402.39	380.46	--
Nonstore retailers	454	14.83	14.53	15.42	15.36	--	510.15	486.76	524.28	513.02	--
Electronic shopping and mail-order houses	4541	14.65	14.10	15.38	15.06	--	486.38	451.20	512.15	490.96	--
Mail-order houses	454113	12.86	12.73	13.65	13.32	--	412.81	381.90	436.80	418.25	--
Direct selling establishments	4543	15.74	15.78	15.79	16.15	--	572.94	571.24	554.23	563.64	--
Fuel dealers	45431	15.52	15.61	15.83	16.14	--	594.42	597.86	580.96	592.34	--
Heating oil dealers	454311	16.77	16.71	16.66	17.00	--	593.66	584.85	553.11	579.70	--
Liquefied petroleum gas, bottled gas, and other fuel dealers	454312,9	14.41	14.61	15.13	15.39	--	595.13	610.70	609.74	604.83	--
Transportation and warehousing	48,49	17.48	17.48	17.99	17.93	18.04	652.00	648.51	671.03	659.82	663.87
Truck transportation	484	17.41	17.47	17.74	17.73	--	720.77	712.78	725.57	721.61	--
General freight trucking	4841	17.69	17.72	17.77	17.72	--	728.83	728.29	726.79	722.98	--
General freight trucking, local	48411	16.57	16.57	17.30	17.24	--	677.71	672.74	704.11	706.84	--
General freight trucking, long-distance	48412	18.02	18.06	17.91	17.87	--	742.42	744.07	732.52	727.31	--
General freight trucking, long-distance TL	484121	17.46	17.43	17.29	17.31	--	726.34	725.09	726.18	721.83	--
General freight trucking, long-distance LTL	484122	19.39	19.59	19.54	19.32	--	783.36	789.48	750.34	739.96	--
Specialized freight trucking	4842	16.75	16.85	17.68	17.76	--	703.50	677.37	724.88	719.28	--
Used household and office goods moving	48421	15.05	14.87	15.78	15.74	--	547.82	529.37	531.79	514.70	--
Other specialized trucking, local	48422	16.89	17.07	17.41	17.46	--	766.81	745.96	778.23	769.99	--
Other specialized trucking, long-distance	48423	17.70	17.87	19.42	19.49	--	713.31	675.49	780.68	783.50	--
Transit and ground passenger transportation	485	13.58	13.50	13.78	13.75	--	435.92	429.30	456.12	451.00	--
Urban transit systems	4851	16.61	16.37	16.02	16.07	--	664.40	643.34	648.81	644.41	--
School and employee bus transportation	4854	13.75	13.80	13.59	13.61	--	360.25	353.28	384.60	377.00	--
Other ground passenger transportation	4859	12.39	12.23	12.59	12.44	--	438.61	432.94	463.31	459.04	--
Pipeline transportation	486	24.52	24.33	25.31	25.47	--	1,145.08	1,126.48	1,278.16	1,161.43	--
Scenic and sightseeing transportation	487	16.22	16.81	14.83	15.08	--	585.54	574.90	501.25	523.28	--
Support activities for transportation	488	18.62	18.75	18.78	18.68	--	696.39	703.13	734.30	715.44	--
Support activities for air transportation	4881	16.34	16.45	16.62	16.74	--	594.78	608.65	634.88	629.42	--
Airport operations	48811	14.42	14.58	14.22	14.30	--	506.14	519.05	541.78	534.82	--
Support activities for water transportation	4883	29.17	30.07	29.26	28.96	--	1,035.54	1,094.55	1,065.06	1,025.18	--
Port and harbor operations	48831	34.98	35.20	35.43	35.19	--	1,066.89	1,034.88	1,176.28	1,101.45	--
Marine cargo handling	48832	33.25	34.86	33.41	33.24	--	1,073.98	1,199.18	1,149.30	1,100.24	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Transportation and warehousing—Continued											
Support activities for road transportation	4884	38.1	37.9	38.2	38.7	--	--	--	--	--	--
Freight transportation arrangement	4885	38.4	37.4	41.4	40.2	--	--	--	--	--	--
Support activities for other transportation, including rail	4882,9	40.1	40.7	41.0	39.5	--	--	--	--	--	--
Couriers and messengers	492	27.4	26.8	25.4	25.9	--	--	--	--	--	--
Couriers	4921	26.9	26.3	24.6	25.2	--	--	--	--	--	--
Warehousing and storage	493	38.7	39.6	38.9	38.6	--	--	--	--	--	--
General warehousing and storage	49311	37.9	38.8	38.6	38.4	--	--	--	--	--	--
Refrigerated warehousing and storage	49312	42.7	44.1	39.1	37.8	--	--	--	--	--	--
Miscellaneous warehousing and storage	49313,9	42.5	43.9	41.7	41.7	--	--	--	--	--	--
Utilities	22	42.2	41.9	43.0	42.4	42.5	--	--	--	--	--
Power generation and supply	2211	42.1	41.8	42.7	42.3	--	--	--	--	--	--
Electric power generation	22111	41.7	41.3	42.8	42.4	--	--	--	--	--	--
Fossil fuel electric power generation	221112	42.8	42.6	43.1	42.9	--	--	--	--	--	--
Electric power transmission and distribution	22112	42.6	42.6	42.5	42.1	--	--	--	--	--	--
Electric bulk power transmission and control	221121	43.8	44.5	45.0	45.5	--	--	--	--	--	--
Electric power distribution	221122	42.4	42.2	42.1	41.5	--	--	--	--	--	--
Natural gas distribution	2212	43.1	42.9	45.5	43.6	--	--	--	--	--	--
Water, sewage and other systems	2213	41.0	40.6	39.8	40.5	--	--	--	--	--	--
Information		37.1	36.4	36.8	36.1	36.0	--	--	--	--	--
Publishing industries, except Internet	511	35.9	35.1	36.1	35.4	--	--	--	--	--	--
Newspaper, book, and directory publishers	5111	34.8	34.7	34.9	34.5	--	--	--	--	--	--
Newspaper publishers	51111	33.6	34.0	33.7	33.6	--	--	--	--	--	--
Periodical publishers	51112	35.9	35.2	35.7	34.9	--	--	--	--	--	--
Book publishers	51113	36.3	35.4	36.2	35.3	--	--	--	--	--	--
Software publishers	5112	38.8	36.1	39.2	37.7	--	--	--	--	--	--
Motion picture and sound recording industries	512	29.5	29.3	28.7	28.1	--	--	--	--	--	--
Motion picture and video industries	5121	29.3	29.1	28.5	27.8	--	--	--	--	--	--
Motion picture and video production	51211	37.3	37.0	37.6	36.1	--	--	--	--	--	--
Motion picture and video exhibition	51213	17.0	17.9	15.7	15.7	--	--	--	--	--	--
Broadcasting, except Internet	515	36.4	35.5	35.4	34.6	--	--	--	--	--	--
Radio and television broadcasting	5151	34.7	33.6	33.8	32.8	--	--	--	--	--	--
Radio broadcasting	51511	31.4	29.7	30.4	29.5	--	--	--	--	--	--
Television broadcasting	51512	37.6	37.2	37.0	35.9	--	--	--	--	--	--
Telecommunications	517	41.3	40.7	40.8	40.0	--	--	--	--	--	--
Wired telecommunications carriers	5171	42.0	41.6	41.5	40.7	--	--	--	--	--	--
Wireless telecommunications carriers	5172	40.9	40.3	40.3	39.7	--	--	--	--	--	--
Cellular and other wireless carriers	517212	41.1	40.5	40.4	39.7	--	--	--	--	--	--
Telecommunications resellers	5173	40.1	39.2	39.2	37.9	--	--	--	--	--	--
Cable and other program distribution	5175	40.8	40.0	40.4	39.6	--	--	--	--	--	--
ISPs, search portals, and data processing	518	38.4	37.2	38.2	37.4	--	--	--	--	--	--
ISPs and web search portals	5181	38.1	37.1	37.2	36.2	--	--	--	--	--	--
Data processing and related services	5182	38.6	37.3	38.7	37.9	--	--	--	--	--	--
Other information services	519	26.3	26.6	27.2	26.4	--	--	--	--	--	--
Financial activities²		36.4	35.6	36.3	35.5	35.5	--	--	--	--	--
Finance and insurance	52	37.5	36.6	37.6	36.6	--	--	--	--	--	--
Credit intermediation and related activities	522	37.3	36.1	37.0	35.9	--	--	--	--	--	--
Depository credit intermediation	5221	36.7	35.5	36.8	35.6	--	--	--	--	--	--
Commercial banking	52211	36.8	35.4	37.0	35.6	--	--	--	--	--	--
Savings institutions	52212	36.1	35.4	35.4	35.1	--	--	--	--	--	--
Credit unions and other depository credit intermediation	52213,9	36.6	35.9	36.9	35.8	--	--	--	--	--	--
Nondepository credit intermediation	5222	38.5	37.0	37.5	36.5	--	--	--	--	--	--
Credit card issuing	52221	40.0	37.7	36.8	36.5	--	--	--	--	--	--
Sales financing	52222	39.7	38.9	40.8	39.7	--	--	--	--	--	--
Other nondepository credit intermediation	52229	38.0	36.5	36.9	35.8	--	--	--	--	--	--
Consumer lending	522291	38.9	38.3	40.1	40.3	--	--	--	--	--	--
Real estate credit	522292	37.6	35.7	35.7	34.0	--	--	--	--	--	--
Miscellaneous nondepository credit intermediation	522293,4,8	38.3	37.6	36.4	35.2	--	--	--	--	--	--
Activities related to credit intermediation	5223	37.9	37.0	37.3	36.8	--	--	--	--	--	--
Mortgage and nonmortgage loan brokers	52231	39.2	38.1	39.3	38.4	--	--	--	--	--	--
Other credit intermediation activities	52239	36.2	35.8	35.3	34.3	--	--	--	--	--	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Transportation and warehousing—Continued											
Support activities for road transportation	4884	14.47	14.59	14.61	14.42	--	551.31	552.96	558.10	558.05	--
Freight transportation arrangement	4885	17.39	16.97	18.08	17.74	--	667.78	634.68	748.51	713.15	--
Support activities for other transportation, including rail	4882,9	15.56	15.47	15.78	16.03	--	623.96	629.63	646.98	633.19	--
Couriers and messengers	492	14.87	15.04	16.40	16.70	--	407.44	403.07	416.56	432.53	--
Couriers	4921	15.20	15.40	17.00	17.31	--	408.88	405.02	418.20	436.21	--
Warehousing and storage	493	14.97	14.96	15.11	15.09	--	579.34	592.42	587.78	582.47	--
General warehousing and storage	49311	15.19	15.21	15.09	15.15	--	575.70	590.15	582.47	581.76	--
Refrigerated warehousing and storage	49312	14.50	14.40	16.05	15.75	--	619.15	635.04	627.56	595.35	--
Miscellaneous warehousing and storage	49313,9	13.48	13.32	14.55	14.05	--	572.90	584.75	606.74	585.89	--
Utilities	22	27.51	27.44	28.31	28.49	28.23	1,160.92	1,149.74	1,217.33	1,207.98	1,199.78
Power generation and supply	2211	28.77	28.75	29.49	29.74	--	1,211.22	1,201.75	1,259.22	1,258.00	--
Electric power generation	22111	29.96	30.01	30.36	30.58	--	1,249.33	1,239.41	1,299.41	1,296.59	--
Fossil fuel electric power generation	221112	29.96	30.11	30.07	30.31	--	1,282.29	1,282.69	1,296.02	1,300.30	--
Electric power transmission and distribution	22112	27.14	27.01	28.23	28.51	--	1,156.16	1,150.63	1,199.78	1,200.27	--
Electric bulk power transmission and control	221121	30.03	29.69	30.26	31.12	--	1,315.31	1,321.21	1,361.70	1,415.96	--
Electric power distribution	221122	26.58	26.48	27.86	28.02	--	1,126.99	1,117.46	1,172.91	1,162.83	--
Natural gas distribution	2212	26.56	26.38	27.68	27.84	--	1,144.74	1,131.70	1,259.44	1,213.82	--
Water, sewage and other systems	2213	18.39	18.22	19.24	19.30	--	753.99	739.73	765.75	781.65	--
Information		23.68	23.53	24.17	24.12	23.98	878.53	856.49	889.46	870.73	863.28
Publishing industries, except Internet	511	25.10	24.87	25.49	25.33	--	901.09	872.94	920.19	896.68	--
Newspaper, book, and directory publishers	5111	19.46	19.31	19.91	19.81	--	677.21	670.06	694.86	683.45	--
Newspaper publishers	51111	17.85	17.91	18.39	18.30	--	599.76	608.94	619.74	614.88	--
Periodical publishers	51112	22.19	22.07	22.44	22.43	--	796.62	776.86	801.11	782.81	--
Book publishers	51113	19.33	18.81	20.14	19.97	--	701.68	665.87	729.07	704.94	--
Software publishers	5112	38.38	38.83	37.97	38.08	--	1,489.14	1,401.76	1,488.42	1,435.62	--
Motion picture and sound recording industries	512	20.89	20.74	21.50	21.06	--	616.26	607.68	617.05	591.79	--
Motion picture and video industries	5121	21.19	20.98	21.80	21.33	--	620.87	610.52	621.30	592.97	--
Motion picture and video production	51211	25.12	25.59	26.20	25.46	--	936.98	946.83	985.12	919.11	--
Motion picture and video exhibition	51213	7.46	7.33	8.09	8.11	--	126.82	131.21	127.01	127.33	--
Broadcasting, except Internet	515	23.52	23.59	23.46	23.52	--	856.13	837.45	830.48	813.79	--
Radio and television broadcasting	5151	23.47	23.42	23.25	23.37	--	814.41	786.91	785.85	766.54	--
Radio broadcasting	51511	21.69	21.71	22.13	22.07	--	681.07	644.79	672.75	651.07	--
Television broadcasting	51512	24.80	24.67	24.11	24.36	--	932.48	917.72	892.07	874.52	--
Telecommunications	517	24.02	23.85	24.68	24.83	--	992.03	970.70	1,006.94	993.20	--
Wired telecommunications carriers	5171	24.81	24.61	25.40	25.53	--	1,042.02	1,023.78	1,054.10	1,039.07	--
Wireless telecommunications carriers	5172	26.91	26.69	27.90	27.92	--	1,100.62	1,075.61	1,124.37	1,108.42	--
Cellular and other wireless carriers	517212	27.64	27.36	28.54	28.56	--	1,136.00	1,108.08	1,153.02	1,133.83	--
Telecommunications resellers	5173	23.42	23.57	24.62	24.92	--	939.14	923.94	965.10	944.47	--
Cable and other program distribution	5175	17.59	17.35	17.74	18.00	--	717.67	694.00	716.70	712.80	--
ISPs, search portals, and data processing	518	22.03	21.94	22.53	22.34	--	845.95	816.17	860.65	835.52	--
ISPs and web search portals	5181	24.64	24.61	24.94	24.75	--	938.78	913.03	927.77	895.95	--
Data processing and related services	5182	20.88	20.79	21.46	21.29	--	805.97	775.47	830.50	806.89	--
Other information services	519	17.15	17.26	17.32	17.43	--	451.05	459.12	471.10	460.15	--
Financial activities²		19.22	19.19	19.89	19.80	19.91	699.61	683.16	722.01	702.90	706.81
Finance and insurance	52	20.49	20.45	21.17	21.06	--	768.38	748.47	795.99	770.80	--
Credit intermediation and related activities	522	17.02	17.10	17.38	17.29	--	634.85	617.31	643.06	620.71	--
Depository credit intermediation	5221	15.25	15.39	16.21	16.12	--	559.68	546.35	596.53	573.87	--
Commercial banking	52211	14.91	15.04	15.84	15.71	--	548.69	532.42	586.08	559.28	--
Savings institutions	52212	17.05	17.46	18.59	18.54	--	615.51	618.08	658.09	650.75	--
Credit unions and other depository credit intermediation	52213,9	15.30	15.23	16.03	16.03	--	559.98	546.76	591.51	573.87	--
Nondepository credit intermediation	5222	20.25	20.26	19.68	19.55	--	779.63	749.62	738.00	713.58	--
Credit card issuing	52221	17.00	17.01	17.75	17.81	--	680.00	641.28	653.20	650.07	--
Sales financing	52222	18.53	18.47	18.82	18.88	--	735.64	718.48	767.86	749.54	--
Other nondepository credit intermediation	52229	21.16	21.21	20.33	20.12	--	804.08	774.17	750.18	720.30	--
Consumer lending	522291	11.26	11.33	13.59	13.33	--	438.01	433.94	544.96	537.20	--
Real estate credit	522292	24.36	24.55	23.32	23.22	--	915.94	876.44	832.52	789.48	--
Miscellaneous nondepository credit intermediation	522293,4,8	20.87	20.94	21.21	21.32	--	799.32	787.34	772.04	750.46	--
Activities related to credit intermediation	5223	18.12	18.14	18.48	18.46	--	686.75	671.18	689.30	679.33	--
Mortgage and nonmortgage loan brokers	52231	22.14	22.28	22.85	22.57	--	867.89	848.87	898.01	866.69	--
Other credit intermediation activities	52239	14.23	14.29	14.59	14.82	--	515.13	511.58	515.03	508.33	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Financial activities-Continued											
Securities, commodity contracts, investments	523	38.2	36.9	38.3	36.9	--	--	--	--	--	--
Securities brokerage	52312	39.0	37.6	39.1	38.2	--	--	--	--	--	--
Securities and commodity contracts brokerage and exchanges	5231,2	38.5	37.2	38.2	36.8	--	--	--	--	--	--
Other financial investment activities	5239	37.6	36.5	38.3	37.0	--	--	--	--	--	--
Portfolio management	52392	38.0	36.7	37.7	36.3	--	--	--	--	--	--
Investment advice	52393	37.9	36.6	39.7	38.0	--	--	--	--	--	--
Insurance carriers and related activities	524	37.6	37.1	38.0	37.3	--	--	--	--	--	--
Insurance carriers	5241	38.6	38.3	38.7	38.4	--	--	--	--	--	--
Direct life and health insurance carriers	52411	38.3	38.2	38.6	38.4	--	--	--	--	--	--
Direct life insurance carriers	524113	39.4	38.8	39.1	38.6	--	--	--	--	--	--
Direct health and medical insurance carriers	524114	37.4	37.7	38.3	38.3	--	--	--	--	--	--
Direct insurers, except life and health	52412	39.0	38.4	38.7	38.3	--	--	--	--	--	--
Direct property and casualty insurers	524126	38.8	38.4	38.8	38.5	--	--	--	--	--	--
Direct title insurance and other direct insurance carriers	524127,8	40.0	38.5	38.3	36.9	--	--	--	--	--	--
Reinsurance carriers	52413	40.6	39.0	40.5	39.7	--	--	--	--	--	--
Insurance agencies, brokerages, and related services	5242	36.0	35.2	36.9	35.7	--	--	--	--	--	--
Insurance agencies and brokerages	52421	35.6	34.7	36.7	35.2	--	--	--	--	--	--
Other insurance-related activities	52429	37.1	36.6	37.5	37.0	--	--	--	--	--	--
Claims adjusting	524291	38.5	36.1	36.8	36.7	--	--	--	--	--	--
Third-party administration of insurance funds	524292	37.1	37.4	38.3	37.9	--	--	--	--	--	--
Funds, trusts, and other financial vehicles	525	39.0	37.9	37.9	36.4	--	--	--	--	--	--
Other investment pools and funds	5259	36.4	35.4	36.2	34.2	--	--	--	--	--	--
Real estate and rental and leasing	53	33.2	32.9	33.1	32.6	--	--	--	--	--	--
Real estate	531	33.1	32.8	33.1	32.6	--	--	--	--	--	--
Lessors of real estate	5311	32.0	31.7	32.5	32.0	--	--	--	--	--	--
Lessors of residential buildings	53111	31.7	31.6	32.9	32.3	--	--	--	--	--	--
Lessors of nonresidential buildings	53112	32.1	31.5	31.4	31.6	--	--	--	--	--	--
Lessors of other real estate property	53119	32.4	31.5	33.6	33.0	--	--	--	--	--	--
Offices of real estate agents and brokers	5312	34.0	33.9	33.9	33.5	--	--	--	--	--	--
Activities related to real estate	5313	33.7	33.3	33.2	32.6	--	--	--	--	--	--
Real estate property managers	53131	33.3	33.0	33.1	32.5	--	--	--	--	--	--
Residential property managers	531311	33.0	32.6	32.6	31.9	--	--	--	--	--	--
Nonresidential property managers	531312	34.0	34.1	34.4	34.2	--	--	--	--	--	--
Rental and leasing services	532	33.2	32.9	32.8	32.4	--	--	--	--	--	--
Automotive equipment rental and leasing	5321	33.4	33.0	31.1	30.6	--	--	--	--	--	--
Passenger car rental and leasing	53211	34.1	33.2	29.9	29.7	--	--	--	--	--	--
Consumer goods rental	5322	28.6	28.2	28.4	28.5	--	--	--	--	--	--
Video tape and disc rental	53223	20.6	19.9	19.5	19.3	--	--	--	--	--	--
Miscellaneous consumer goods rental	53221,2,9	35.6	35.8	35.1	35.7	--	--	--	--	--	--
General rental centers	5323	38.1	37.9	39.0	38.6	--	--	--	--	--	--
Machinery and equipment rental and leasing	5324	40.0	39.8	40.5	39.5	--	--	--	--	--	--
Professional and business services		35.1	34.6	35.2	34.7	34.8	--	--	--	--	--
Professional and technical services	54	36.5	35.7	36.6	35.8	--	--	--	--	--	--
Legal services	5411	35.8	34.6	36.1	34.7	--	--	--	--	--	--
Offices of lawyers	54111	35.7	34.5	36.1	34.7	--	--	--	--	--	--
Other legal services	54119	37.2	35.5	36.5	34.7	--	--	--	--	--	--
Accounting and bookkeeping services	5412	34.2	33.0	33.4	32.4	--	--	--	--	--	--
Offices of certified public accountants	541211	36.3	34.9	36.5	35.5	--	--	--	--	--	--
Tax preparation services	541213	27.3	25.9	25.1	24.1	--	--	--	--	--	--
Payroll services	541214	31.3	31.6	27.0	26.1	--	--	--	--	--	--
Other accounting services	541219	34.0	33.2	35.1	34.3	--	--	--	--	--	--
Architectural and engineering services	5413	38.6	38.2	39.2	38.7	--	--	--	--	--	--
Architectural services	54131	38.7	38.4	39.5	38.5	--	--	--	--	--	--
Landscape architectural services	54132	38.7	39.5	39.9	39.8	--	--	--	--	--	--
Engineering and drafting services	54133,4	38.6	38.1	39.2	38.8	--	--	--	--	--	--
Building inspection, surveying, and mapping services	54135,6,7	37.1	36.7	37.0	36.5	--	--	--	--	--	--
Testing laboratories	54138	39.7	38.8	40.0	39.4	--	--	--	--	--	--
Specialized design services	5414	35.9	35.1	33.2	33.0	--	--	--	--	--	--
Interior design services	54141	34.3	34.1	33.7	33.6	--	--	--	--	--	--
Graphic design services	54143	36.3	35.7	32.3	32.4	--	--	--	--	--	--
Computer systems design and related services	5415	38.9	38.2	39.6	38.8	--	--	--	--	--	--
Custom computer programming services	541511	38.7	37.8	39.5	38.4	--	--	--	--	--	--

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Financial activities-Continued											
Securities, commodity contracts, investments	523	28.92	28.85	30.60	30.40	--	1,104.74	1,064.57	1,171.98	1,121.76	--
Securities brokerage	52312	25.93	25.79	25.69	25.25	--	1,011.27	969.70	1,004.48	964.55	--
Securities and commodity contracts brokerage and exchanges	5231,2	29.00	28.91	30.83	30.58	--	1,116.50	1,075.45	1,177.71	1,125.34	--
Other financial investment activities	5239	28.78	28.75	30.25	30.11	--	1,082.13	1,049.38	1,158.58	1,114.07	--
Portfolio management	52392	32.99	32.96	34.19	34.37	--	1,253.62	1,209.63	1,288.96	1,247.63	--
Investment advice	52393	26.85	27.06	29.36	29.01	--	1,017.62	990.40	1,165.59	1,102.38	--
Insurance carriers and related activities	524	21.85	21.67	22.34	22.22	--	821.56	803.96	848.92	828.81	--
Insurance carriers	5241	22.75	22.58	23.33	23.12	--	878.15	864.81	902.87	887.81	--
Direct life and health insurance carriers	52411	22.06	21.96	22.79	22.64	--	844.90	838.87	879.69	869.38	--
Direct life insurance carriers	524113	22.32	22.04	23.22	23.05	--	879.41	855.15	907.90	889.73	--
Direct health and medical insurance carriers	524114	21.86	21.89	22.46	22.33	--	817.56	825.25	860.22	855.24	--
Direct insurers, except life and health	52412	23.74	23.47	24.20	23.92	--	925.86	901.25	936.54	916.14	--
Direct property and casualty insurers	524126	24.03	23.75	24.65	24.34	--	932.36	912.00	956.42	937.09	--
Direct title insurance and other direct insurance carriers	524127,8	22.37	22.08	21.76	21.44	--	894.80	850.08	833.41	791.14	--
Reinsurance carriers	52413	19.27	19.62	18.97	18.80	--	782.36	765.18	768.29	746.36	--
Insurance agencies, brokerages, and related services	5242	20.30	20.09	20.68	20.65	--	730.80	707.17	763.09	737.21	--
Insurance agencies and brokerages	52421	20.10	19.88	20.52	20.51	--	715.56	689.84	753.08	721.95	--
Other insurance-related activities	52429	20.85	20.65	21.14	21.06	--	773.54	755.79	792.75	779.22	--
Claims adjusting	524291	22.65	22.59	23.62	23.86	--	872.03	815.50	869.22	875.66	--
Third-party administration of insurance funds	524292	19.84	19.74	20.27	20.12	--	736.06	738.28	776.34	762.55	--
Funds, trusts, and other financial vehicles	525	21.91	21.81	22.59	22.70	--	854.49	826.60	856.16	826.28	--
Other investment pools and funds	5259	22.92	22.49	22.75	23.02	--	834.29	796.15	823.55	787.28	--
Real estate and rental and leasing	53	15.36	15.41	16.00	15.98	--	509.95	506.99	529.60	520.95	--
Real estate	531	15.34	15.34	16.10	16.07	--	507.75	503.15	532.91	523.88	--
Lessors of real estate	5311	14.79	14.92	15.52	15.50	--	473.28	472.96	504.40	496.00	--
Lessors of residential buildings	53111	14.04	14.24	15.13	15.07	--	445.07	449.98	497.78	486.76	--
Lessors of nonresidential buildings	53112	17.55	17.50	18.09	18.09	--	563.36	551.25	568.03	571.64	--
Lessors of other real estate property	53119	11.79	11.77	11.91	12.16	--	382.00	370.76	400.18	401.28	--
Offices of real estate agents and brokers	5312	15.54	15.34	16.83	16.65	--	528.36	520.03	570.54	557.78	--
Activities related to real estate	5313	15.81	15.82	16.23	16.31	--	532.80	526.81	538.84	531.71	--
Real estate property managers	53131	15.46	15.48	15.78	15.91	--	514.82	510.84	522.32	517.08	--
Residential property managers	531311	13.77	13.82	13.83	14.03	--	454.41	450.53	450.86	447.56	--
Nonresidential property managers	531312	19.45	19.41	20.80	20.62	--	661.30	661.88	715.52	705.20	--
Rental and leasing services	532	14.96	15.10	15.37	15.34	--	496.67	496.79	504.14	497.02	--
Automotive equipment rental and leasing	5321	14.37	14.54	14.39	14.28	--	479.96	479.82	447.53	436.97	--
Passenger car rental and leasing	53211	14.00	14.22	13.95	13.90	--	477.40	472.10	417.11	412.83	--
Consumer goods rental	5322	12.74	12.69	13.16	13.23	--	364.36	357.86	373.74	377.06	--
Video tape and disc rental	53223	8.80	8.48	8.33	8.31	--	181.28	168.75	162.44	160.38	--
Miscellaneous consumer goods rental	53221,2,9	14.73	14.84	15.19	15.29	--	524.39	531.27	533.17	545.85	--
General rental centers	5323	14.58	14.65	14.29	14.31	--	555.50	555.24	557.31	552.37	--
Machinery and equipment rental and leasing	5324	19.36	19.43	19.89	19.90	--	774.40	773.31	805.55	786.05	--
Professional and business services		19.50	19.44	20.36	20.22	20.41	684.45	672.62	716.67	701.63	710.27
Professional and technical services	54	26.04	25.83	27.05	26.87	--	950.46	922.13	990.03	961.95	--
Legal services	5411	25.87	25.48	27.26	27.02	--	926.15	881.61	984.09	937.59	--
Offices of lawyers	54111	26.64	26.19	28.09	27.86	--	951.05	903.56	1,014.05	966.74	--
Other legal services	54119	17.78	17.92	17.90	17.49	--	661.42	636.16	653.35	606.90	--
Accounting and bookkeeping services	5412	19.16	19.19	19.78	19.75	--	655.27	633.27	660.65	639.90	--
Offices of certified public accountants	541211	21.76	21.89	22.82	22.67	--	789.89	763.96	832.93	804.79	--
Tax preparation services	541213	20.34	20.38	13.61	13.70	--	555.28	527.84	341.61	330.17	--
Payroll services	541214	15.67	15.83	17.14	17.57	--	490.47	500.23	462.78	458.58	--
Other accounting services	541219	16.61	16.49	17.18	17.05	--	564.74	547.47	603.02	584.82	--
Architectural and engineering services	5413	25.39	25.32	26.61	26.45	--	980.05	967.22	1,043.11	1,023.62	--
Architectural services	54131	24.72	24.26	24.88	24.54	--	956.66	931.58	982.76	944.79	--
Landscape architectural services	54132	17.05	18.00	19.51	19.70	--	659.84	711.00	778.45	784.06	--
Engineering and drafting services	54133,4	27.00	26.97	28.62	28.48	--	1,042.20	1,027.56	1,121.90	1,105.02	--
Building inspection, surveying, and mapping services	54135,6,7	21.62	22.05	23.21	23.34	--	802.10	809.24	858.77	851.91	--
Testing laboratories	54138	21.57	21.19	21.33	21.12	--	856.33	822.17	853.20	832.13	--
Specialized design services	5414	21.75	21.35	21.13	20.55	--	780.83	749.39	701.52	678.15	--
Interior design services	54141	19.26	19.34	20.34	20.49	--	660.62	659.49	685.46	688.46	--
Graphic design services	54143	22.67	21.31	19.46	18.54	--	822.92	760.77	628.56	600.70	--
Computer systems design and related services	5415	33.81	33.51	35.45	35.50	--	1,315.21	1,280.08	1,403.82	1,377.40	--
Custom computer programming services	541511	35.55	35.35	37.89	37.79	--	1,375.79	1,336.23	1,496.66	1,451.14	--

See footnotes at the end of table.

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Professional and business services-Continued											
Computer systems design services	541512	39.2	38.6	39.7	39.1	--	--	--	--	--	--
Other computer-related services	541519	37.9	37.1	38.5	37.4	--	--	--	--	--	
Management and technical consulting services	5416	36.3	35.7	36.1	35.4	--	--	--	--	--	
Management consulting services	54161	36.2	35.6	35.4	34.9	--	--	--	--	--	
Administrative management consulting services	541611	35.6	35.3	34.8	35.1	--	--	--	--	--	
Human resource consulting services	541612	36.4	35.8	34.8	33.2	--	--	--	--	--	
Marketing consulting services	541613	34.0	32.4	32.2	32.1	--	--	--	--	--	
Process and logistics consulting services	541614	40.2	40.4	41.3	40.2	--	--	--	--	--	
Other management consulting services	541618	37.5	37.1	38.0	36.0	--	--	--	--	--	
Environmental consulting services	54162	37.0	36.5	39.7	38.4	--	--	--	--	--	
Other technical consulting services	54169	36.7	35.8	37.8	36.8	--	--	--	--	--	
Scientific research and development services	5417	39.4	38.7	39.0	38.3	--	--	--	--	--	
Physical, engineering, and biological research	54171	39.9	39.2	39.6	38.8	--	--	--	--	--	
Social science and humanities research	54172	35.5	34.4	33.9	33.8	--	--	--	--	--	
Advertising and related services	5418	35.5	34.5	36.0	34.6	--	--	--	--	--	
Advertising agencies	54181	37.3	35.6	38.1	36.1	--	--	--	--	--	
Public relations agencies	54182	37.6	34.9	36.5	34.8	--	--	--	--	--	
Direct mail advertising	54186	39.3	38.8	38.7	38.6	--	--	--	--	--	
Advertising material distribution and other advertising services	54187,9	28.9	28.7	30.1	28.2	--	--	--	--	--	
Other professional and technical services	5419	28.4	27.7	28.3	28.4	--	--	--	--	--	
Marketing research and public opinion polling	54191	25.6	24.2	23.5	23.8	--	--	--	--	--	
Photographic services	54192	29.7	29.4	28.4	29.8	--	--	--	--	--	
Veterinary services	54194	27.1	26.4	27.5	27.2	--	--	--	--	--	
Miscellaneous professional and technical services	54193,9	36.8	36.2	38.2	37.9	--	--	--	--	--	
Management of companies and enterprises	55	36.9	36.1	37.3	36.6	--	--	--	--	--	
Offices of bank holding companies and of other holding companies	551111,2	35.3	34.6	36.7	35.7	--	--	--	--	--	
Managing offices	551114	37.0	36.2	37.3	36.6	--	--	--	--	--	
Administrative and waste services	56	33.7	33.5	33.7	33.6	--	--	--	--	--	
Administrative and support services	561	33.4	33.2	33.4	33.2	--	--	--	--	--	
Office administrative services	5611	36.5	35.4	36.9	35.8	--	--	--	--	--	
Facilities support services	5612	41.1	41.0	41.5	42.2	--	--	--	--	--	
Employment services	5613	33.1	33.5	32.8	33.3	--	--	--	--	--	
Employment placement agencies	56131	31.5	31.8	31.2	31.4	--	--	--	--	--	
Temporary help services	56132	33.0	33.4	32.7	33.2	--	--	--	--	--	
Professional employer organizations	56133	34.2	34.5	34.0	34.8	--	--	--	--	--	
Business support services	5614	31.9	31.4	32.3	31.8	--	--	--	--	--	
Telephone call centers	56142	29.2	28.9	29.2	29.2	--	--	--	--	--	
Telephone answering services	561421	31.1	30.7	29.7	29.6	--	--	--	--	--	
Telemarketing bureaus	561422	29.0	28.7	29.1	29.1	--	--	--	--	--	
Business service centers	56143	34.0	33.3	33.1	32.5	--	--	--	--	--	
Collection agencies	56144	35.6	35.3	37.6	36.6	--	--	--	--	--	
Other business support services	56149	31.8	30.3	32.9	31.6	--	--	--	--	--	
Travel arrangement and reservation services	5615	34.2	33.2	35.3	35.0	--	--	--	--	--	
Travel agencies	56151	35.5	34.1	35.3	33.6	--	--	--	--	--	
Other travel arrangement services	56159	33.2	33.0	36.4	37.3	--	--	--	--	--	
Investigation and security services	5616	33.9	33.8	34.6	33.6	--	--	--	--	--	
Security and armored car services	56161	33.5	33.3	34.3	33.2	--	--	--	--	--	
Security guards and patrols and armored car services	561612,3	33.3	33.2	34.3	33.2	--	--	--	--	--	
Security systems services	56162	37.1	37.4	36.8	36.4	--	--	--	--	--	
Services to buildings and dwellings	5617	33.2	32.1	33.2	32.4	--	--	--	--	--	
Exterminating and pest control services	56171	36.8	34.8	37.8	35.4	--	--	--	--	--	
Janitorial services	56172	29.4	28.4	28.2	27.6	--	--	--	--	--	
Landscaping services	56173	38.1	37.3	39.1	38.3	--	--	--	--	--	
Carpet and upholstery cleaning services	56174	31.8	31.2	36.4	35.6	--	--	--	--	--	
Other services to buildings and dwellings	56179	33.8	32.6	33.1	34.4	--	--	--	--	--	
Other support services	5619	33.5	33.0	33.9	32.9	--	--	--	--	--	
Packaging and labeling services	56191	37.5	38.4	38.4	38.1	--	--	--	--	--	
Convention and trade show organizers	56192	32.0	30.9	34.5	35.1	--	--	--	--	--	
All other support services	56199	32.7	31.8	32.3	30.6	--	--	--	--	--	
Waste management and remediation services	562	41.1	41.4	41.9	41.2	--	--	--	--	--	
Waste collection	5621	41.0	41.8	42.2	41.4	--	--	--	--	--	
Waste treatment and disposal	5622	41.9	42.0	43.2	41.8	--	--	--	--	--	
Nonhazardous waste treatment and disposal	562212,3,9	42.6	42.3	43.1	41.5	--	--	--	--	--	

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Professional and business services-Continued											
Computer systems design services	541512	33.04	32.73	34.79	35.09	--	1,295.17	1,263.38	1,381.16	1,372.02	--
Other computer-related services	541519	31.19	30.86	30.68	30.41	--	1,182.10	1,144.91	1,181.18	1,137.33	--
Management and technical consulting services	5416	25.60	25.36	25.79	25.34	--	929.28	905.35	931.02	897.04	--
Management consulting services	54161	25.35	25.13	25.54	25.05	--	917.67	894.63	904.12	874.25	--
Administrative management consulting services	541611	26.32	25.92	27.82	26.85	--	936.99	914.98	968.14	942.44	--
Human resource consulting services	541612	24.24	24.10	23.24	22.42	--	882.34	862.78	808.75	744.34	--
Marketing consulting services	541613	22.82	23.04	23.22	23.65	--	775.88	746.50	747.68	759.17	--
Process and logistics consulting services	541614	22.50	22.36	21.90	21.91	--	904.50	903.34	904.47	880.78	--
Other management consulting services	541618	29.41	29.00	26.92	26.60	--	1,102.88	1,075.90	1,022.96	957.60	--
Environmental consulting services	54162	24.74	24.08	24.80	24.53	--	915.38	878.92	984.56	941.95	--
Other technical consulting services	54169	27.82	27.79	27.82	27.55	--	1,020.99	994.88	1,051.60	1,013.84	--
Scientific research and development services	5417	30.26	30.15	31.92	31.55	--	1,192.24	1,166.81	1,244.88	1,208.37	--
Physical, engineering, and biological research	54171	30.86	30.76	32.38	32.03	--	1,231.31	1,205.79	1,282.25	1,242.76	--
Social science and humanities research	54172	24.40	24.14	27.30	26.80	--	866.20	830.42	925.47	905.84	--
Advertising and related services	5418	21.66	21.40	21.01	20.95	--	768.93	738.30	756.36	724.87	--
Advertising agencies	54181	25.04	24.58	23.31	23.51	--	933.99	875.05	888.11	848.71	--
Public relations agencies	54182	26.91	27.66	26.16	25.79	--	1,011.82	965.33	954.84	897.49	--
Direct mail advertising	54186	17.03	17.59	17.23	17.14	--	669.28	682.49	666.80	661.60	--
Advertising material distribution and other advertising services	54187,9	15.37	14.58	15.43	15.39	--	444.19	418.45	464.44	434.00	--
Other professional and technical services	5419	16.49	16.51	16.87	16.75	--	468.32	457.33	477.42	475.70	--
Marketing research and public opinion polling	54191	17.85	17.62	16.50	16.02	--	456.96	426.40	387.75	381.28	--
Photographic services	54192	14.68	14.85	15.05	14.91	--	436.00	436.59	427.42	444.32	--
Veterinary services	54194	14.24	14.26	14.78	14.81	--	385.90	376.46	406.45	402.83	--
Miscellaneous professional and technical services	54193,9	23.52	23.52	24.90	24.60	--	865.54	851.42	951.18	932.34	--
Management of companies and enterprises	55	20.07	20.14	20.97	20.93	--	740.58	727.05	782.18	766.04	--
Offices of bank holding companies and of other holding companies	551111,2	22.18	22.15	23.84	23.81	--	782.95	766.39	874.93	850.02	--
Managing offices	551114	19.96	20.03	20.81	20.77	--	738.52	725.09	776.21	760.18	--
Administrative and waste services	56	14.06	14.12	14.50	14.45	--	473.82	473.02	488.65	485.52	--
Administrative and support services	561	13.85	13.91	14.29	14.24	--	462.59	461.81	477.29	472.77	--
Office administrative services	5611	19.82	19.94	20.56	20.43	--	723.43	705.88	758.66	731.39	--
Facilities support services	5612	20.01	19.50	18.82	18.37	--	822.41	799.50	781.03	775.21	--
Employment services	5613	13.80	13.83	14.36	14.29	--	456.78	463.31	471.01	475.86	--
Employment placement agencies	56131	16.68	17.02	18.28	18.14	--	525.42	541.24	570.34	569.60	--
Temporary help services	56132	12.85	12.81	13.36	13.26	--	424.05	427.85	436.87	440.23	--
Professional employer organizations	56133	16.32	16.43	16.88	16.96	--	558.14	566.84	573.92	590.21	--
Business support services	5614	13.81	13.77	13.66	13.44	--	440.54	432.38	441.22	427.39	--
Telephone call centers	56142	11.69	11.65	11.98	11.85	--	341.35	336.69	349.82	346.02	--
Telephone answering services	561421	11.44	11.73	12.45	11.99	--	355.78	360.11	369.77	354.90	--
Telemarketing bureaus	561422	11.73	11.64	11.92	11.83	--	340.17	334.07	346.87	344.25	--
Business service centers	56143	13.45	13.35	12.30	12.47	--	457.30	444.56	407.13	405.28	--
Collection agencies	56144	14.80	14.72	14.95	14.63	--	526.88	519.62	562.12	535.46	--
Other business support services	56149	15.08	15.31	14.70	14.25	--	479.54	463.89	483.63	450.30	--
Travel arrangement and reservation services	5615	15.84	15.79	16.06	15.99	--	541.73	524.23	566.92	559.65	--
Travel agencies	56151	17.60	17.52	17.65	17.72	--	624.80	597.43	623.05	595.39	--
Other travel arrangement services	56159	13.92	13.99	14.56	14.50	--	462.14	461.67	529.98	540.85	--
Investigation and security services	5616	12.75	12.90	13.22	13.22	--	432.23	436.02	457.41	444.19	--
Security and armored car services	56161	11.65	11.87	12.25	12.31	--	390.28	395.27	420.18	408.69	--
Security guards and patrols and armored car services	561612,3	11.19	11.47	11.94	12.00	--	372.63	380.80	409.54	398.40	--
Security systems services	56162	19.64	19.41	19.52	19.08	--	728.64	725.93	718.34	694.51	--
Services to buildings and dwellings	5617	11.77	11.88	12.38	12.42	--	390.76	381.35	411.02	402.41	--
Exterminating and pest control services	56171	15.91	16.24	17.18	16.60	--	585.49	565.15	649.40	587.64	--
Janitorial services	56172	10.25	10.29	10.72	10.79	--	301.35	292.24	302.30	297.80	--
Landscaping services	56173	12.60	12.80	13.19	13.30	--	480.06	477.44	515.73	509.39	--
Carpet and upholstery cleaning services	56174	12.51	12.69	12.70	12.93	--	397.82	395.93	462.28	460.31	--
Other services to buildings and dwellings	56179	14.40	14.53	14.38	14.59	--	486.72	473.68	475.98	501.90	--
Other support services	5619	18.69	19.15	18.32	18.30	--	626.12	631.95	621.05	602.07	--
Packaging and labeling services	56191	16.31	16.00	16.36	16.36	--	611.63	614.40	628.22	623.32	--
Convention and trade show organizers	56192	23.02	23.14	22.58	22.23	--	736.64	715.03	779.01	780.27	--
All other support services	56199	18.33	19.27	17.86	17.73	--	599.39	612.79	576.88	542.54	--
Waste management and remediation services	562	18.48	18.36	18.67	18.71	--	759.53	760.10	782.27	770.85	--
Waste collection	5621	16.61	16.37	16.91	16.85	--	681.01	684.27	713.60	697.59	--
Waste treatment and disposal	5622	19.24	19.33	19.45	19.59	--	806.16	811.86	840.24	818.86	--
Nonhazardous waste treatment and disposal	562212,3,9	17.05	17.20	17.12	17.20	--	726.33	727.56	737.87	713.80	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Professional and business services-Continued											
Remediation and other waste services	5629	40.5	40.4	40.4	40.5	--	--	--	--	--	--
Remediation services	56291	39.2	40.0	40.9	41.2	--	--	--	--	--	--
Education and health services											
Health care and social assistance	62	32.6	32.4	32.9	32.5	32.6	--	--	--	--	--
Health care	621,2,3	32.9	32.6	33.2	32.8	--	--	--	--	--	--
Health care	621,2,3	33.4	33.1	33.6	33.2	--	--	--	--	--	--
Ambulatory health care services	621	31.7	31.3	31.8	31.4	--	--	--	--	--	--
Offices of physicians	6211	33.7	33.3	33.9	33.5	--	--	--	--	--	--
Offices of physicians, except mental health	621111	33.7	33.3	33.9	33.5	--	--	--	--	--	--
Offices of mental health physicians	621112	34.6	33.2	35.4	34.8	--	--	--	--	--	--
Offices of dentists	6212	27.3	26.9	27.4	26.7	--	--	--	--	--	--
Offices of other health practitioners	6213	29.4	28.8	29.3	28.7	--	--	--	--	--	--
Offices of chiropractors	62131	27.5	27.1	28.1	27.3	--	--	--	--	--	--
Offices of optometrists	62132	29.6	28.6	29.4	29.3	--	--	--	--	--	--
Offices of mental health practitioners	62133	31.1	30.5	29.7	29.6	--	--	--	--	--	--
Offices of specialty therapists	62134	29.5	29.4	30.0	28.9	--	--	--	--	--	--
Offices of all other health practitioners	62139	29.8	28.4	28.7	28.5	--	--	--	--	--	--
Outpatient care centers	6214	34.3	33.8	34.3	34.0	--	--	--	--	--	--
Outpatient mental health centers	62142	32.0	31.4	33.5	32.8	--	--	--	--	--	--
Outpatient care centers, except mental health	62149	35.5	34.9	34.6	34.5	--	--	--	--	--	--
Miscellaneous outpatient care centers	621410,98	35.0	34.5	33.4	32.6	--	--	--	--	--	--
Medical and diagnostic laboratories	6215	37.0	36.2	35.9	35.2	--	--	--	--	--	--
Medical laboratories	621511	37.7	37.3	36.4	35.6	--	--	--	--	--	--
Home health care services	6216	28.9	28.8	29.3	29.0	--	--	--	--	--	--
Other ambulatory health care services	6219	35.9	34.8	36.1	35.6	--	--	--	--	--	--
Ambulance services	62191	35.7	34.5	36.0	35.5	--	--	--	--	--	--
All other ambulatory health care services	62199	36.4	35.3	36.2	35.9	--	--	--	--	--	--
Blood and organ banks	621991	38.0	36.4	37.0	37.6	--	--	--	--	--	--
Hospitals	622	35.6	35.7	36.1	36.1	--	--	--	--	--	--
General medical and surgical hospitals	6221	35.6	35.7	36.2	36.2	--	--	--	--	--	--
Psychiatric and substance abuse hospitals	6222	35.5	35.8	36.0	35.5	--	--	--	--	--	--
Other hospitals	6223	37.0	36.6	34.0	33.8	--	--	--	--	--	--
Nursing and residential care facilities	623	32.7	32.2	32.9	31.9	--	--	--	--	--	--
Nursing care facilities	6231	32.8	32.4	33.1	32.1	--	--	--	--	--	--
Residential mental health facilities	6232	33.4	33.0	33.3	32.5	--	--	--	--	--	--
Residential mental retardation facilities	62321	32.9	32.8	33.3	32.2	--	--	--	--	--	--
Residential mental and substance abuse care	62322	34.4	33.3	33.3	33.1	--	--	--	--	--	--
Community care facilities for the elderly	6233	31.7	30.9	31.6	30.7	--	--	--	--	--	--
Continuing care retirement communities	623311	31.5	31.0	31.4	30.8	--	--	--	--	--	--
Homes for the elderly	623312	32.0	30.8	31.8	30.5	--	--	--	--	--	--
Other residential care facilities	6239	34.3	33.1	34.7	32.4	--	--	--	--	--	--
Social assistance	624	30.4	29.8	31.1	30.3	--	--	--	--	--	--
Individual and family services	6241	30.4	29.7	30.8	30.0	--	--	--	--	--	--
Child and youth services	62411	30.0	28.7	30.2	29.5	--	--	--	--	--	--
Services for the elderly and disabled	62412	30.1	29.6	30.4	29.7	--	--	--	--	--	--
Other individual and family services	62419	31.2	30.4	31.9	30.7	--	--	--	--	--	--
Emergency and other relief services	6242	30.4	30.3	32.1	31.3	--	--	--	--	--	--
Community food services	62421	29.2	29.2	31.2	31.5	--	--	--	--	--	--
Community housing, emergency, and relief services	62422,3	30.8	30.6	32.3	31.3	--	--	--	--	--	--
Vocational rehabilitation services	6243	30.1	29.5	30.4	29.7	--	--	--	--	--	--
Child day care services	6244	30.6	30.0	31.6	31.0	--	--	--	--	--	--
Leisure and hospitality											
Arts, entertainment, and recreation	71	25.9	25.3	25.6	25.3	25.1	--	--	--	--	--
Arts, entertainment, and recreation	71	25.1	24.4	24.6	24.3	--	--	--	--	--	--
Performing arts and spectator sports	711	27.3	27.6	25.7	25.6	--	--	--	--	--	--
Performing arts companies	7111	24.2	25.0	24.6	26.1	--	--	--	--	--	--
Musical groups and artists	71113	17.1	18.4	18.1	23.2	--	--	--	--	--	--
Theater, dance, and other performing arts companies	71111,2,9	27.9	28.4	28.5	27.6	--	--	--	--	--	--
Spectator sports	7112	28.9	29.4	25.5	25.5	--	--	--	--	--	--
Racetracks	711212	26.0	26.8	24.2	25.6	--	--	--	--	--	--
Arts and sports promoters and agents and managers for public figures	7113,4	28.2	27.9	25.7	24.0	--	--	--	--	--	--
Independent artists, writers, and performers	7115	29.5	29.2	29.5	28.6	--	--	--	--	--	--

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Professional and business services-Continued											
Remediation and other waste services	5629	20.14	20.08	20.33	20.38	--	815.67	811.23	821.33	825.39	--
Remediation services	56291	22.63	22.49	22.74	22.59	--	887.10	899.60	930.07	930.71	--
Education and health services											
Health care and social assistance	62	17.55	17.62	18.22	18.20	18.31	572.13	570.89	599.44	591.50	596.91
Health care	621,2,3	18.95	19.04	19.79	19.81	--	632.93	630.22	664.94	657.69	--
Ambulatory health care services	621	18.91	18.96	20.10	20.05	--	599.45	593.45	639.18	629.57	--
Offices of physicians	6211	20.31	20.27	22.03	21.82	--	684.45	674.99	746.82	730.97	--
Offices of physicians, except mental health	621111	20.37	20.33	22.11	21.90	--	686.47	676.99	749.53	733.65	--
Offices of mental health physicians	621112	17.20	17.43	18.05	17.85	--	595.12	578.68	638.97	621.18	--
Offices of dentists	6212	20.80	20.99	21.56	21.83	--	567.84	564.63	590.74	582.86	--
Offices of other health practitioners	6213	17.61	17.71	18.59	18.58	--	517.73	510.05	544.69	533.25	--
Offices of chiropractors	62131	13.85	13.94	15.10	15.16	--	380.88	377.77	424.31	413.87	--
Offices of optometrists	62132	14.87	14.75	14.47	14.62	--	440.15	421.85	425.42	428.37	--
Offices of mental health practitioners	62133	18.27	18.61	20.33	19.80	--	568.20	567.61	603.80	586.08	--
Offices of specialty therapists	62134	19.90	20.05	21.44	21.53	--	587.05	589.47	643.20	622.22	--
Offices of all other health practitioners	62139	18.43	18.34	18.20	17.81	--	549.21	520.86	522.34	507.59	--
Outpatient care centers	6214	19.48	19.58	20.26	20.32	--	668.16	661.80	694.92	690.88	--
Outpatient mental health centers	62142	16.93	17.03	17.36	17.41	--	541.76	534.74	581.56	571.05	--
Outpatient care centers, except mental health	62149	20.59	20.68	21.57	21.62	--	730.95	721.73	746.32	745.89	--
Miscellaneous outpatient care centers	621410,98	18.75	18.83	19.61	19.99	--	656.25	649.64	654.97	651.67	--
Medical and diagnostic laboratories	6215	20.19	20.02	22.29	22.64	--	747.03	724.72	800.21	796.93	--
Medical laboratories	621511	18.39	18.24	20.43	21.12	--	693.30	680.35	743.65	751.87	--
Home health care services	6216	14.97	15.17	15.52	15.53	--	432.63	436.90	454.74	450.37	--
Other ambulatory health care services	6219	15.50	15.59	15.93	15.72	--	556.45	542.53	575.07	559.63	--
Ambulance services	62191	14.80	14.93	15.42	15.34	--	528.36	515.09	555.12	544.57	--
All other ambulatory health care services	62199	16.62	16.69	16.78	16.36	--	604.97	589.16	607.44	587.32	--
Blood and organ banks	621991	15.99	16.28	16.13	15.61	--	607.62	592.59	596.81	586.94	--
Hospitals	622	22.47	22.56	23.20	23.19	--	799.93	805.39	837.52	837.16	--
General medical and surgical hospitals	6221	22.58	22.67	23.33	23.31	--	803.85	809.32	844.55	843.82	--
Psychiatric and substance abuse hospitals	6222	19.12	19.11	18.53	18.52	--	678.76	684.14	667.08	657.46	--
Other hospitals	6223	21.66	21.95	22.73	22.74	--	801.42	803.37	772.82	768.61	--
Nursing and residential care facilities	623	12.93	13.01	13.36	13.36	--	422.81	418.92	439.54	426.18	--
Nursing care facilities	6231	13.60	13.67	13.93	13.91	--	446.08	442.91	461.08	446.51	--
Residential mental health facilities	6232	11.99	12.09	12.66	12.67	--	400.47	398.97	421.58	411.78	--
Residential mental retardation facilities	62321	11.38	11.47	11.75	11.67	--	374.40	376.22	391.28	375.77	--
Residential mental and substance abuse care	62322	13.24	13.36	14.59	14.74	--	455.46	444.89	485.85	487.89	--
Community care facilities for the elderly	6233	12.04	12.12	12.44	12.51	--	381.67	374.51	393.10	384.06	--
Continuing care retirement communities	623311	12.95	12.97	13.25	13.34	--	407.93	402.07	416.05	410.87	--
Homes for the elderly	623312	11.12	11.24	11.61	11.64	--	355.84	346.19	369.20	355.02	--
Other residential care facilities	6239	12.75	12.82	13.46	13.42	--	437.33	424.34	467.06	434.81	--
Social assistance	624	11.98	11.97	12.24	12.22	--	364.19	356.71	380.66	370.27	--
Individual and family services	6241	12.96	12.94	13.07	12.97	--	393.98	384.32	402.56	389.10	--
Child and youth services	62411	14.67	14.30	15.36	15.24	--	440.10	410.41	463.87	449.58	--
Services for the elderly and disabled	62412	11.86	11.90	11.49	11.39	--	356.99	352.24	349.30	338.28	--
Other individual and family services	62419	13.96	14.01	14.71	14.58	--	435.55	425.90	469.25	447.61	--
Emergency and other relief services	6242	14.25	14.25	15.19	15.06	--	433.20	431.78	487.60	471.38	--
Community food services	62421	12.31	12.54	13.32	13.42	--	359.45	366.17	415.58	422.73	--
Community housing, emergency, and relief services	62422,3	14.78	14.73	15.67	15.50	--	455.22	450.74	506.14	485.15	--
Vocational rehabilitation services	6243	11.22	11.31	11.94	12.01	--	337.72	333.65	362.98	356.70	--
Child day care services	6244	10.88	10.81	10.95	11.03	--	332.93	324.30	346.02	341.93	--
Leisure and hospitality											
Arts, entertainment, and recreation	71	9.90	10.00	10.52	10.61	10.65	256.41	253.00	269.31	268.43	267.32
Performing arts and spectator sports	711	13.58	13.95	14.26	14.50	--	340.86	340.38	350.80	352.35	--
Performing arts companies	7111	18.57	18.88	19.83	20.14	--	506.96	521.09	509.63	515.58	--
Musical groups and artists	71113	21.19	21.68	21.68	22.83	--	512.80	542.00	533.33	595.86	--
Theater, dance, and other performing arts companies	71111,2,9	29.02	28.16	26.81	26.77	--	496.24	518.14	485.26	621.06	--
Spectator sports	7112	18.65	19.52	19.76	21.09	--	520.34	554.37	563.16	582.08	--
Racetracks	711212	16.90	16.64	16.66	16.78	--	488.41	489.22	424.83	427.89	--
Arts and sports promoters and agents and managers for public figures	7113,4	12.16	11.81	13.26	12.76	--	316.16	316.51	320.89	326.66	--
Independent artists, writers, and performers	7115	18.53	18.91	21.23	19.99	--	522.55	527.59	545.61	479.76	--
		17.54	18.00	22.06	22.62	--	517.43	525.60	650.77	646.93	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Leisure and hospitality-Continued											
Museums, historical sites, zoos, and parks	712	27.7	26.7	27.5	27.7	--	--	--	--	--	--
Museums	71211	27.7	26.9	28.2	27.6	--	--	--	--	--	--
Zoos, botanical gardens, nature parks, and similar institutions	71213,9	29.5	29.1	27.1	28.4	--	--	--	--	--	--
Amusements, gambling, and recreation	713	24.2	23.2	24.0	23.6	--	--	--	--	--	--
Amusement parks and arcades	7131	30.8	30.4	27.9	29.5	--	--	--	--	--	--
Amusement and theme parks	71311	30.8	30.2	27.4	29.2	--	--	--	--	--	--
Gambling industries	7132	33.5	33.9	33.6	32.6	--	--	--	--	--	--
Casinos, except casino hotels	71321	37.0	36.9	36.0	35.6	--	--	--	--	--	--
Other gambling industries	71329	25.6	27.2	28.3	26.3	--	--	--	--	--	--
Other amusement and recreation industries	7139	22.1	20.8	22.3	21.6	--	--	--	--	--	--
Golf courses and country clubs	71391	27.5	27.0	27.4	26.7	--	--	--	--	--	--
Skiing facilities	71392	29.5	20.0	26.9	25.7	--	--	--	--	--	--
Marinas	71393	28.2	29.6	27.9	28.3	--	--	--	--	--	--
Fitness and recreational sports centers	71394	17.6	16.4	17.6	16.9	--	--	--	--	--	--
Bowling centers	71395	22.8	22.3	21.6	21.6	--	--	--	--	--	--
All other amusement and recreation industries	71399	22.5	21.0	24.4	23.6	--	--	--	--	--	--
Accommodations and food services	72	26.1	25.5	25.7	25.5	--	--	--	--	--	--
Accommodations	721	32.6	31.4	31.7	31.8	--	--	--	--	--	--
Traveler accommodations and other longer-term accommodations	7211	32.6	31.5	31.8	31.9	--	--	--	--	--	--
Hotels and motels, except casino hotels	72111	32.5	31.0	31.6	31.7	--	--	--	--	--	--
Miscellaneous traveler accommodations	72119	26.8	26.6	28.0	28.9	--	--	--	--	--	--
RV parks and recreational camps	7212	28.8	28.2	28.4	27.6	--	--	--	--	--	--
RV parks and campgrounds	721211	29.4	29.3	28.6	27.9	--	--	--	--	--	--
Recreational and vacation camps	721214	28.0	26.8	28.1	27.1	--	--	--	--	--	--
Food services and drinking places	722	24.8	24.4	24.6	24.3	--	--	--	--	--	--
Full-service restaurants	7221	25.2	24.7	24.9	24.7	--	--	--	--	--	--
Limited-service eating places	7222	24.5	24.0	24.3	24.0	--	--	--	--	--	--
Limited-service restaurants	722211	24.6	24.1	24.3	24.0	--	--	--	--	--	--
Cafeterias	722212	26.1	26.1	25.7	25.7	--	--	--	--	--	--
Snack and nonalcoholic beverage bars	722213	23.3	22.8	23.9	23.5	--	--	--	--	--	--
Special food services	7223	26.1	26.1	25.6	24.8	--	--	--	--	--	--
Food service contractors	72231	28.3	28.3	27.5	26.5	--	--	--	--	--	--
Caterers and mobile food services	72232,3	20.8	20.5	20.7	20.5	--	--	--	--	--	--
Drinking places, alcoholic beverages	7224	22.0	21.9	22.4	21.9	--	--	--	--	--	--
Other services		31.0	30.8	31.1	30.8	30.9	--	--	--	--	--
Repair and maintenance	811	36.5	36.1	36.7	36.4	--	--	--	--	--	--
Automotive repair and maintenance	8111	35.5	35.0	35.5	35.3	--	--	--	--	--	--
Automotive mechanical and electrical repair	81111	36.9	36.7	36.6	36.6	--	--	--	--	--	--
General automotive repair	811111	36.9	36.7	36.6	36.6	--	--	--	--	--	--
Automotive exhaust system repair	811112	38.0	36.7	36.8	35.9	--	--	--	--	--	--
Other automotive mechanical and elec. repair	811118	37.3	37.1	35.5	36.1	--	--	--	--	--	--
Automotive body, interior, and glass repair	81112	38.8	38.1	38.8	38.6	--	--	--	--	--	--
Automotive body and interior repair	811121	38.6	38.0	39.0	38.8	--	--	--	--	--	--
Automotive glass replacement shops	811122	39.8	38.6	37.6	37.3	--	--	--	--	--	--
Other automotive repair and maintenance	81119	30.0	29.1	30.4	29.6	--	--	--	--	--	--
Car washes	811192	27.7	26.5	27.8	26.9	--	--	--	--	--	--
Auto oil change shops and all other auto repair and maintenance	8111918	34.5	34.2	35.5	34.8	--	--	--	--	--	--
Electronic equipment repair and maintenance	8112	40.3	40.5	39.7	39.6	--	--	--	--	--	--
Computer and office machine repair	811212	41.3	41.3	41.1	40.7	--	--	--	--	--	--
Miscellaneous electronic equipment repair and maintenance	811211,3,9	39.6	40.0	38.7	38.8	--	--	--	--	--	--
Commercial machinery repair and maintenance	8113	39.9	40.0	41.5	41.5	--	--	--	--	--	--
Household goods repair and maintenance	8114	34.3	33.0	34.5	33.9	--	--	--	--	--	--
Personal and laundry services	812	28.4	28.6	28.6	28.6	--	--	--	--	--	--
Personal care services	8121	25.0	25.5	25.6	25.5	--	--	--	--	--	--
Hair, nail, and skin care services	81211	26.1	26.8	26.7	26.5	--	--	--	--	--	--
Barber shops and beauty salons	812111,2	25.7	26.5	26.6	26.6	--	--	--	--	--	--
Other personal care services	81219	20.0	19.6	20.6	20.6	--	--	--	--	--	--
Death care services	8122	27.4	27.9	28.0	28.0	--	--	--	--	--	--
Funeral homes and funeral services	81221	26.6	27.1	27.9	27.7	--	--	--	--	--	--
Cemeteries and crematories	81222	30.1	30.5	28.3	28.8	--	--	--	--	--	--
Dry-cleaning and laundry services	8123	33.3	33.3	33.9	34.0	--	--	--	--	--	--

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Leisure and hospitality-Continued											
Museums, historical sites, zoos, and parks	712	14.17	14.66	14.59	14.80	--	392.51	391.42	401.23	409.96	--
Museums	71211	15.08	15.61	15.55	15.89	--	417.72	419.91	438.51	438.56	--
Zoos, botanical gardens, nature parks, and similar institutions	71213,9	13.42	13.60	14.21	14.23	--	395.89	395.76	385.09	404.13	--
Amusements, gambling, and recreation	713	11.88	12.15	12.57	12.69	--	287.50	281.88	301.68	299.48	--
Amusement parks and arcades	7131	12.51	12.71	13.58	14.05	--	385.31	386.38	378.88	414.48	--
Amusement and theme parks	71311	12.60	12.82	13.74	14.23	--	388.08	387.16	376.48	415.52	--
Gambling industries	7132	11.83	12.00	12.20	12.36	--	396.31	406.80	409.92	402.94	--
Casinos, except casino hotels	71321	11.69	11.80	12.07	12.25	--	432.53	435.42	434.52	436.10	--
Other gambling industries	71329	12.29	12.59	12.58	12.69	--	314.62	342.45	356.01	333.75	--
Other amusement and recreation industries	7139	11.77	12.08	12.44	12.47	--	260.12	251.26	277.41	269.35	--
Golf courses and country clubs	71391	11.64	12.00	12.21	12.38	--	320.10	324.00	334.55	330.55	--
Skiing facilities	71392	11.78	11.55	12.37	12.29	--	347.51	231.00	332.75	315.85	--
Marinas	71393	14.58	14.45	14.25	14.24	--	411.16	427.72	397.58	402.99	--
Fitness and recreational sports centers	71394	12.24	12.69	13.18	13.10	--	215.42	208.12	231.97	221.39	--
Bowling centers	71395	9.37	9.45	9.90	9.88	--	213.64	210.74	213.84	213.41	--
All other amusement and recreation industries	71399	11.43	11.50	11.74	11.78	--	257.18	241.50	286.46	278.01	--
Accommodations and food services	72	9.33	9.41	9.93	10.01	--	243.51	239.96	255.20	255.26	--
Accommodations	721	11.48	11.84	12.39	12.68	--	374.25	371.78	392.76	403.22	--
Traveler accommodations and other longer-term accommodations	7211	11.50	11.87	12.43	12.72	--	374.90	373.91	395.27	405.77	--
Hotels and motels, except casino hotels	72111	11.39	11.82	12.34	12.65	--	370.18	366.42	389.94	401.01	--
Miscellaneous traveler accommodations	72119	10.10	10.07	11.02	10.94	--	270.68	267.86	308.56	316.17	--
RV parks and recreational camps	7212	10.37	10.21	10.55	10.85	--	298.66	287.92	299.62	299.46	--
RV parks and campgrounds	721211	10.05	9.98	10.29	10.78	--	295.47	292.41	294.29	300.76	--
Recreational and vacation camps	721214	10.76	10.51	10.88	10.95	--	301.28	281.67	305.73	296.75	--
Food services and drinking places	722	8.80	8.84	9.33	9.37	--	218.24	215.70	229.52	227.69	--
Full-service restaurants	7221	9.33	9.36	9.87	9.93	--	235.12	231.19	245.76	245.27	--
Limited-service eating places	7222	7.88	7.92	8.38	8.43	--	193.06	190.08	203.63	202.32	--
Limited-service restaurants	722211	7.80	7.85	8.32	8.37	--	191.88	189.19	202.18	200.88	--
Cafeterias	722212	8.19	8.20	8.84	8.87	--	213.76	214.02	227.19	227.96	--
Snack and nonalcoholic beverage bars	722213	8.44	8.39	8.72	8.76	--	196.65	191.29	208.41	205.86	--
Special food services	7223	10.85	11.03	11.58	11.51	--	283.19	287.88	296.45	285.45	--
Food service contractors	72231	10.52	10.68	11.45	11.28	--	297.72	302.24	314.88	298.92	--
Caterers and mobile food services	72232,3	11.96	12.26	12.05	12.28	--	248.77	251.33	249.44	251.74	--
Drinking places, alcoholic beverages	7224	8.56	8.55	9.28	9.13	--	188.32	187.25	207.87	199.95	--
Other services		14.91	14.93	15.34	15.31	15.37	462.21	459.84	477.07	471.55	474.93
Repair and maintenance	811	15.13	15.24	15.79	15.83	--	552.25	550.16	579.49	576.21	--
Automotive repair and maintenance	8111	14.26	14.36	14.71	14.69	--	506.23	502.60	522.21	518.56	--
Automotive mechanical and electrical repair	81111	14.97	15.07	15.56	15.35	--	552.39	553.07	562.18	561.81	--
General automotive repair	811111	15.04	15.14	15.51	15.48	--	554.98	555.64	567.67	566.57	--
Automotive exhaust system repair	811112	13.50	13.80	14.51	14.00	--	513.00	506.46	533.97	502.60	--
Other automotive mechanical and elec. repair	811118	14.56	14.51	14.84	14.98	--	543.09	538.32	526.82	540.78	--
Automotive body, interior, and glass repair	81112	16.89	16.90	17.54	17.35	--	655.33	643.89	680.55	669.71	--
Automotive body and interior repair	811121	17.05	17.07	17.93	17.71	--	658.13	648.66	699.27	687.15	--
Automotive glass replacement shops	811122	15.83	15.76	14.92	14.89	--	630.03	608.34	560.99	555.40	--
Other automotive repair and maintenance	81119	9.27	9.31	9.60	9.66	--	278.10	270.92	291.84	285.94	--
Car washes	811192	8.70	8.65	9.06	9.16	--	240.99	229.23	251.87	246.40	--
Auto oil change shops and all other auto repair and maintenance	8111918	10.19	10.33	10.44	10.41	--	351.56	353.29	370.62	362.27	--
Electronic equipment repair and maintenance	8112	16.69	16.89	19.39	19.71	--	672.61	684.05	769.78	780.52	--
Computer and office machine repair	811212	15.37	15.53	17.38	17.57	--	634.78	641.39	714.32	715.10	--
Miscellaneous electronic equipment repair and maintenance	811211,3,9	17.70	17.90	20.89	21.32	--	700.92	716.00	808.44	827.22	--
Commercial machinery repair and maintenance	8113	17.83	17.87	18.92	18.97	--	711.42	714.80	785.18	787.26	--
Household goods repair and maintenance	8114	15.56	15.83	14.53	14.55	--	533.71	522.39	501.29	493.25	--
Personal and laundry services	812	12.06	12.05	12.61	12.56	--	342.50	344.63	360.65	359.22	--
Personal care services	8121	12.92	12.95	13.22	13.12	--	323.00	330.23	338.43	334.56	--
Hair, nail, and skin care services	81211	12.83	12.91	13.09	12.98	--	334.86	345.99	349.50	343.97	--
Barber shops and beauty salons	812111,2	13.16	13.22	13.39	13.27	--	338.21	350.33	356.17	352.98	--
Other personal care services	81219	13.43	13.19	13.98	13.90	--	268.60	258.52	287.99	286.34	--
Death care services	8122	15.33	15.19	16.87	16.68	--	420.04	423.80	472.36	467.04	--
Funeral homes and funeral services	81221	15.63	15.35	17.20	16.82	--	415.76	415.99	479.88	465.91	--
Cemeteries and crematories	81222	14.48	14.72	15.95	16.30	--	435.85	448.96	451.39	469.44	--
Dry-cleaning and laundry services	8123	10.36	10.33	11.12	11.22	--	344.99	343.99	376.97	381.48	--

See footnotes at the end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Other services-Continued											
Coin-operated laundries and dry cleaners	81231	26.3	25.7	26.5	26.1	--	--	--	--	--	--
Dry-cleaning and laundry services, except coin-operated	81232	31.9	31.9	32.0	32.5	--	--	--	--	--	--
Linen and uniform supply	81233	37.5	37.6	38.4	38.1	--	--	--	--	--	--
Linen supply	812331	38.7	38.2	38.3	37.4	--	--	--	--	--	--
Industrial launderers	812332	35.6	36.8	38.6	39.3	--	--	--	--	--	--
Other personal services	8129	30.6	30.2	29.6	29.5	--	--	--	--	--	--
Photofinishing	81292	37.5	38.7	39.8	40.1	--	--	--	--	--	--
Parking lots and garages	81293	32.5	31.9	31.4	30.3	--	--	--	--	--	--
Membership associations and organizations	813	29.9	29.7	29.8	29.5	--	--	--	--	--	--
Grantmaking and giving services	8132	31.9	31.3	34.2	33.2	--	--	--	--	--	--
Grantmaking foundations	813211	31.1	30.4	32.8	31.6	--	--	--	--	--	--
Other grantmaking and giving services	813219	32.1	32.3	36.2	34.9	--	--	--	--	--	--
Social advocacy organizations	8133	33.6	33.0	33.1	32.6	--	--	--	--	--	--
Human rights organizations	813311	31.5	31.7	32.6	31.0	--	--	--	--	--	--
Environment, conservation, and other social advocacy organizations	813312,9	34.3	33.4	33.3	33.0	--	--	--	--	--	--
Civic and social organizations	8134	19.9	19.0	19.8	19.1	--	--	--	--	--	--
Professional and similar organizations	8139	32.6	32.3	31.5	30.7	--	--	--	--	--	--
Business associations	81391	34.2	33.3	34.6	33.6	--	--	--	--	--	--
Professional organizations	81392	36.6	35.3	36.0	34.9	--	--	--	--	--	--
Labor unions and similar labor organizations	81393	30.2	29.7	26.9	26.1	--	--	--	--	--	--
Miscellaneous professional and similar organizations	81394,9	31.9	32.5	31.1	30.5	--	--	--	--	--	--

See footnotes at the end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hours and earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by detailed industry — Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Other services-Continued											
Coin-operated laundries and dry cleaners	81231	9.45	9.48	9.65	9.49	--	248.54	243.64	255.73	247.69	--
Dry-cleaning and laundry services, except coin-operated	81232	9.20	9.19	9.69	9.64	--	293.48	293.16	310.08	313.30	--
Linen and uniform supply	81233	12.03	11.97	12.97	13.31	--	451.13	450.07	498.05	507.11	--
Linen supply	812331	11.89	11.98	12.48	12.40	--	460.14	457.64	477.98	463.76	--
Industrial launderers	812332	12.25	11.96	13.71	14.64	--	436.10	440.13	529.21	575.35	--
Other personal services	8129	11.35	11.31	11.42	11.34	--	347.31	341.56	338.03	334.53	--
Photofinishing	81292	15.36	15.06	15.11	15.41	--	576.00	582.82	601.38	617.94	--
Parking lots and garages	81293	9.86	9.97	10.30	10.20	--	320.45	318.04	323.42	309.06	--
Membership associations and organizations	813	16.03	16.04	16.32	16.25	--	479.30	476.39	486.34	479.38	--
Grantmaking and giving services	8132	20.24	20.51	21.50	21.28	--	645.66	641.96	735.30	706.50	--
Grantmaking foundations	813211	21.90	22.09	22.98	22.65	--	681.09	671.54	753.74	715.74	--
Other grantmaking and giving services	813219	18.21	18.27	19.47	19.38	--	584.54	590.12	704.81	676.36	--
Social advocacy organizations	8133	14.64	14.58	14.95	14.75	--	491.90	481.14	494.85	480.85	--
Human rights organizations	813311	14.51	14.36	14.30	14.12	--	457.07	455.21	466.18	437.72	--
Environment, conservation, and other social advocacy organizations	813312,9	14.68	14.65	15.14	14.92	--	503.52	489.31	504.16	492.36	--
Civic and social organizations	8134	11.68	11.82	12.34	12.19	--	232.43	224.58	244.33	232.83	--
Professional and similar organizations	8139	20.20	20.11	21.00	20.94	--	658.52	649.55	661.50	642.86	--
Business associations	81391	21.37	21.57	23.31	23.15	--	730.85	718.28	806.53	777.84	--
Professional organizations	81392	23.86	24.04	26.35	25.75	--	873.28	848.61	948.60	898.68	--
Labor unions and similar labor organizations	81393	28.36	27.71	28.05	28.02	--	856.47	822.99	754.55	731.32	--
Miscellaneous professional and similar organizations	81394,9	12.48	12.56	12.70	12.71	--	398.11	408.20	394.97	387.66	--

¹Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.
²Excludes nonoffice commissioned real estate sales agents.
--Data not available.

P= preliminary.
NOTE: Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all unadjusted data from April 2006 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

B-17. Average hourly earnings, excluding overtime¹ of production workers on manufacturing payrolls

Industry	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Manufacturing	\$16.04	\$16.09	\$16.50	\$16.47	\$16.52
Durable goods	16.92	16.99	17.42	17.40	17.43
Wood products	13.01	13.07	13.08	13.19	(²)
Nonmetallic mineral products	15.59	15.61	15.88	15.91	(²)
Primary metals	18.22	18.52	18.60	18.65	(²)
Fabricated metal products	15.41	15.47	15.73	15.80	(²)
Machinery	16.52	16.62	16.91	16.85	(²)
Computer and electronic products	18.45	18.38	19.41	19.51	(²)
Electrical equipment and appliances	14.92	14.83	15.23	15.08	(²)
Transportation equipment	21.26	21.34	22.11	21.92	(²)
Furniture and related products	13.56	13.58	13.81	13.89	(²)
Miscellaneous manufacturing	13.93	13.90	14.23	14.19	(²)
Nondurable goods	14.54	14.56	14.94	14.91	\$14.99
Food manufacturing	12.36	12.40	12.86	12.79	(²)
Beverages and tobacco products	17.44	17.06	17.32	17.74	(²)
Textile mills	12.27	12.15	12.54	12.44	(²)
Textile product mills	11.33	11.37	11.34	11.46	(²)
Apparel	10.27	10.21	10.73	10.65	(²)
Leather and allied products	11.06	11.06	11.87	11.79	(²)
Paper and paper products	16.96	16.95	17.31	17.34	(²)
Printing and related support activities	15.15	15.23	15.67	15.82	(²)
Petroleum and coal products	22.26	22.44	24.08	23.28	(²)
Chemicals	18.71	18.80	18.68	18.59	(²)
Plastics and rubber products	14.33	14.37	14.67	14.63	(²)

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

² Data not available.

^P = preliminary.

NOTE: Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all unadjusted data from April 2006 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

B-18. Average hourly and weekly earnings of production and nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, in current and constant (1982) dollars

Industry	Average hourly earnings					Average weekly earnings				
	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P	Oct. 2006	Nov. 2006	Sept. 2007	Oct. 2007 ^P	Nov. 2007 ^P
Total private:										
Current dollars	\$17.02	\$16.99	\$17.62	\$17.58	\$17.63	\$582.08	\$574.26	\$602.60	\$594.20	\$595.89
Constant (1982) dollars	8.37	8.37	8.37	8.34	(²)	286.32	282.75	286.39	281.78	(²)
Goods-producing:										
Current dollars	18.26	18.26	18.87	18.83	18.87	746.83	739.53	775.56	770.15	768.01
Constant (1982) dollars	8.98	8.99	8.97	8.93	(²)	367.35	364.12	368.59	365.22	(²)
Natural resources and mining:										
Current dollars	20.26	20.45	20.95	21.00	21.15	940.06	942.75	978.37	980.70	981.36
Constant (1982) dollars	9.97	10.07	9.96	9.96	(²)	462.40	464.18	464.98	465.06	(²)
Construction:										
Current dollars	20.45	20.42	21.30	21.25	21.34	811.87	792.30	839.22	839.38	825.86
Constant (1982) dollars	10.06	10.05	10.12	10.08	(²)	399.35	390.10	398.85	398.05	(²)
Manufacturing:										
Current dollars	16.89	16.93	17.37	17.31	17.38	697.56	697.52	724.33	716.63	721.27
Constant (1982) dollars	8.31	8.34	8.26	8.21	(²)	343.12	343.44	344.24	339.84	(²)
Private service-providing:										
Current dollars	16.68	16.65	17.29	17.25	17.30	545.44	537.80	567.11	557.18	558.79
Constant (1982) dollars	8.20	8.20	8.22	8.18	(²)	268.29	264.80	269.52	264.22	(²)
Trade, transportation, and utilities:										
Current dollars	15.59	15.44	16.03	15.96	15.87	523.82	515.70	543.42	531.47	530.06
Constant (1982) dollars	7.67	7.60	7.62	7.57	(²)	257.66	253.91	258.26	252.03	(²)
Wholesale trade:										
Current dollars	19.14	19.16	19.83	19.74	19.77	734.98	728.08	767.42	750.12	757.19
Constant (1982) dollars	9.41	9.43	9.42	9.36	(²)	361.52	358.48	364.72	355.72	(²)
Retail trade:										
Current dollars	12.70	12.52	12.94	12.86	12.74	386.08	379.36	397.26	387.09	386.02
Constant (1982) dollars	6.25	6.16	6.15	6.10	(²)	189.91	186.78	188.80	183.56	(²)
Transportation and warehousing:										
Current dollars	17.48	17.48	17.99	17.93	18.04	652.00	648.51	671.03	659.82	663.87
Constant (1982) dollars	8.60	8.61	8.55	8.50	(²)	320.71	319.31	318.91	312.90	(²)
Utilities:										
Current dollars	27.51	27.44	28.31	28.49	28.23	1,160.92	1,149.74	1,217.33	1,207.98	1,199.78
Constant (1982) dollars	13.53	13.51	13.45	13.51	(²)	571.04	566.10	578.55	572.84	(²)
Information:										
Current dollars	23.68	23.53	24.17	24.12	23.98	878.53	856.49	889.46	870.73	863.28
Constant (1982) dollars	11.65	11.59	11.49	11.44	(²)	432.13	421.71	422.72	412.91	(²)
Financial activities:										
Current dollars	19.22	19.19	19.89	19.80	19.91	699.61	683.16	722.01	702.90	706.81
Constant (1982) dollars	9.45	9.45	9.45	9.39	(²)	344.13	336.37	343.14	333.33	(²)
Professional and business services:										
Current dollars	19.50	19.44	20.36	20.22	20.41	684.45	672.62	716.67	701.63	710.27
Constant (1982) dollars	9.59	9.57	9.68	9.59	(²)	336.67	331.18	340.60	332.72	(²)
Education and health services:										
Current dollars	17.55	17.62	18.22	18.20	18.31	572.13	570.89	599.44	591.50	596.91
Constant (1982) dollars	8.63	8.68	8.66	8.63	(²)	281.42	281.09	284.89	280.50	(²)
Leisure and hospitality:										
Current dollars	9.90	10.00	10.52	10.61	10.65	256.41	253.00	269.31	268.43	267.32
Constant (1982) dollars	4.87	4.92	5.00	5.03	(²)	126.12	124.57	127.99	127.29	(²)
Other services:										
Current dollars	14.91	14.93	15.34	15.31	15.37	462.21	459.84	477.07	471.55	474.93
Constant (1982) dollars	7.33	7.35	7.29	7.26	(²)	227.35	226.41	226.73	223.62	(²)

¹ Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

² Data not available.

^P = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical

Workers (CPI-W) is used to deflate these series. Data are currently projected from March 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, all unadjusted data from April 2006 forward are subject to revision.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-19. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Oct. 2006	Sept. 2007	Oct. 2007P	Oct. 2006	Sept. 2007	Oct. 2007P	Oct. 2006	Sept. 2007	Oct. 2007P
Alabama	40.8	40.3	40.2	\$15.74	\$15.76	\$15.70	\$642.19	\$635.13	\$631.14
Birmingham-Hoover	41.8	40.9	41.1	16.54	16.61	16.72	691.37	679.35	687.19
Mobile	39.6	39.1	39.5	15.38	17.00	16.97	609.05	664.70	670.32
Alaska	41.5	45.4	41.4	16.66	16.00	16.70	691.39	726.40	691.38
Arizona	40.5	40.6	40.8	15.14	16.18	16.43	613.17	656.91	670.34
Phoenix-Mesa-Scottsdale	39.3	40.1	40.1	15.75	16.61	16.78	618.98	666.06	672.88
Tucson	39.9	39.3	39.6	12.72	14.22	14.56	507.53	558.85	576.58
Arkansas	41.3	39.3	39.9	13.36	14.28	14.39	551.77	561.20	574.16
Fayetteville-Springdale-Rogers	41.7	40.8	40.4	12.70	13.06	12.98	529.59	532.85	524.39
Fort Smith	41.6	42.6	42.2	12.73	14.75	14.67	529.57	628.35	619.07
Little Rock-North Little Rock-Conway	40.7	41.5	42.3	15.01	14.82	14.92	610.91	615.03	631.12
California	40.6	40.9	40.8	16.07	16.45	16.48	652.44	672.81	672.38
Bakersfield	41.0	41.9	41.9	16.21	16.28	16.29	664.61	682.13	682.55
Los Angeles-Long Beach-Santa Ana	41.9	41.9	41.8	14.67	14.90	14.79	614.67	624.31	618.22
Modesto	41.6	41.5	41.3	15.74	15.57	15.59	654.78	646.16	643.87
Oxnard-Thousand Oaks-Ventura	40.5	41.3	40.6	15.83	15.97	16.03	641.12	659.56	650.82
Riverside-San Bernardino-Ontario	42.2	41.4	41.2	13.97	14.10	14.16	589.53	583.74	583.39
Sacramento-Arden-Arcade-Roseville	39.9	41.8	43.2	16.49	17.00	16.86	657.95	710.60	728.35
Salinas	38.6	42.3	42.0	15.71	16.10	16.12	606.41	681.03	677.04
San Diego-Carlsbad-San Marcos	39.6	40.2	39.3	14.99	15.76	15.89	593.60	633.55	624.48
San Francisco-Oakland-Fremont	40.6	41.2	41.1	18.06	18.40	18.29	733.24	758.08	751.72
San Jose-Sunnyvale-Santa Clara	40.5	41.2	41.2	22.76	23.00	22.80	921.78	947.60	939.36
Santa Barbara-Santa Maria-Goleta	41.3	41.2	40.9	15.69	15.85	15.84	648.00	653.02	647.86
Santa Rosa-Petaluma	39.1	39.6	39.8	16.97	17.04	17.10	663.53	674.78	680.58
Stockton	40.1	40.3	41.0	14.56	14.84	14.81	583.86	598.05	607.21
Colorado	39.3	40.2	40.1	17.30	18.08	17.91	679.89	726.82	718.19
Denver-Aurora	41.3	40.7	40.9	18.16	19.89	19.95	750.01	809.52	815.96
Connecticut	42.1	42.6	42.4	20.10	20.91	20.83	846.21	890.77	883.19
Bridgeport-Stamford-Norwalk	43.5	43.3	41.8	21.00	20.89	20.34	913.50	904.54	850.21
New Haven	42.2	38.6	37.4	17.96	21.88	22.71	757.91	844.57	849.35
Norwich-New London	41.8	42.3	42.1	20.11	20.50	20.68	840.60	867.15	870.63
Delaware	39.5	39.6	40.4	18.13	17.99	18.45	716.14	712.40	745.38
Florida	42.1	41.6	41.9	15.16	16.62	16.92	638.24	691.39	708.95
Georgia	38.5	39.9	39.7	14.99	15.03	14.59	577.12	599.70	579.22
Atlanta-Sandy Springs-Marietta	38.6	38.4	39.0	16.25	16.44	16.53	627.25	631.30	644.67
Hawaii	38.4	38.3	37.5	16.31	17.36	17.55	626.30	664.89	658.13
Honolulu	38.4	38.1	37.3	16.33	18.06	18.47	627.07	688.09	688.93
Idaho	42.2	41.9	40.6	17.28	19.53	19.51	729.22	818.31	792.11
Illinois	41.2	41.3	41.3	16.12	16.75	16.74	664.14	691.78	691.36
Chicago-Naperville-Joliet	41.4	42.3	42.1	16.34	16.73	16.67	676.48	707.68	701.81
Davenport-Moline-Rock Island	40.0	40.4	40.4	15.92	16.21	16.19	636.80	654.88	654.08
Peoria	41.0	40.9	41.0	17.65	18.39	18.35	723.65	752.15	752.35
Rockford	40.1	40.2	40.1	18.19	18.37	18.45	729.42	738.47	739.85
Indiana	41.4	42.4	41.4	18.58	18.66	18.64	769.21	791.18	771.70
Elkhart-Goshen	41.4	41.9	40.4	15.16	15.89	15.91	627.62	665.79	642.76
Evansville	41.2	41.5	41.6	22.22	21.68	21.34	915.46	899.72	887.74
Fort Wayne	42.9	40.5	40.3	17.06	17.12	17.31	731.87	693.36	697.59
Indianapolis-Carmel	41.1	41.3	41.3	20.84	20.89	20.88	856.52	862.76	862.34
Iowa	43.0	42.3	41.5	16.00	16.78	16.64	688.00	709.79	690.56
Des Moines	41.2	41.0	41.1	18.29	18.59	18.47	753.55	762.19	759.12
Kansas	44.2	45.7	44.3	17.79	18.00	18.20	786.32	822.60	806.26
Wichita	44.6	50.4	49.7	18.67	16.95	17.70	832.68	854.28	879.69
Kentucky	41.3	41.4	41.3	16.97	16.99	17.26	700.86	703.39	712.84
Lexington-Fayette	41.0	41.3	41.3	15.65	16.05	16.02	641.65	662.87	661.63
Louisville	40.2	40.9	40.9	18.80	19.14	18.89	755.76	782.83	772.60
Louisiana	44.7	40.7	41.2	17.58	20.25	20.74	785.83	824.18	854.49
Baton Rouge	47.4	44.0	49.2	19.81	20.15	20.48	938.99	886.60	1,007.62
New Orleans-Metairie-Kenner	45.4	40.8	40.6	21.73	21.53	21.20	986.54	878.42	860.72

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-19. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Maine	42.2	42.8	41.9	\$19.17	\$19.39	\$19.20	\$808.97	\$829.89	\$804.48
Portland-South Portland-Biddeford	45.0	43.6	43.3	15.13	15.35	15.25	680.85	669.26	660.33
Maryland	40.9	40.6	40.7	17.76	17.59	17.64	726.38	714.15	717.95
Massachusetts	40.8	40.8	41.0	18.59	19.35	19.38	758.47	789.48	794.58
Boston-Cambridge-Quincy	40.1	40.1	39.7	19.10	19.49	19.55	765.91	781.55	776.14
Springfield	40.7	39.7	40.1	17.36	18.04	17.99	706.55	716.19	721.40
Worcester	41.5	41.7	42.2	17.41	17.62	17.62	722.52	734.75	743.56
Michigan	42.8	43.4	43.3	21.69	22.08	21.97	928.33	958.27	951.30
Detroit-Warren-Livonia	41.9	44.5	44.5	25.09	24.84	24.75	1,051.27	1,105.38	1,101.38
Flint	44.2	45.6	46.4	29.90	31.69	32.43	1,321.58	1,445.06	1,504.75
Grand Rapids-Wyoming	42.3	42.6	42.7	18.33	18.08	18.10	775.36	770.21	772.87
Kalamazoo-Portage	39.2	39.5	39.3	14.92	14.80	14.78	584.86	584.60	580.85
Lansing-East Lansing	41.6	40.7	40.8	23.21	24.68	24.50	965.54	1,004.48	999.60
Minnesota	40.2	40.7	39.8	17.30	17.46	17.65	695.46	710.62	702.47
Minneapolis-St. Paul-Bloomington	39.8	40.0	39.5	18.44	18.59	18.74	733.91	743.60	740.23
Mississippi	38.8	41.2	40.2	13.94	13.80	13.79	540.87	568.56	554.36
Jackson	36.1	36.9	37.3	16.07	15.68	15.61	580.13	578.59	582.25
Missouri	40.2	41.1	40.0	17.23	17.34	17.09	692.65	712.67	683.60
St. Louis 1	39.7	42.6	41.0	20.39	20.75	20.02	809.48	883.95	820.82
Montana	39.9	39.1	41.4	16.26	16.41	15.81	648.77	641.63	654.53
Nebraska	41.4	42.6	42.1	15.56	15.07	15.11	644.18	641.98	636.13
Lincoln	43.3	41.1	41.7	15.94	16.51	16.26	690.20	678.56	678.04
Omaha-Council Bluffs	40.4	39.9	39.7	17.41	16.38	16.26	703.36	653.56	645.52
Nevada	39.3	39.3	39.1	15.57	15.63	15.62	611.90	614.26	610.74
Las Vegas-Paradise	39.5	39.5	39.3	15.13	15.11	15.09	597.64	596.85	593.04
New Hampshire	40.1	40.9	40.6	16.94	16.86	16.86	679.29	689.57	684.52
Manchester	41.0	42.9	42.9	19.65	20.11	20.11	805.65	862.72	862.72
New Jersey	41.8	41.1	41.1	16.67	17.26	17.45	696.81	709.39	717.20
New Mexico	39.2	38.9	38.8	14.12	14.46	14.50	553.50	562.49	562.60
Albuquerque	40.8	37.9	37.4	15.18	15.41	15.48	619.34	584.04	578.95
New York	40.8	41.3	40.7	18.37	18.37	17.75	749.50	758.68	722.43
North Carolina	41.0	41.9	41.5	14.73	15.06	15.10	603.93	631.01	626.65
Charlotte-Gastonia-Concord	47.5	44.5	44.0	15.68	15.67	15.85	744.80	697.32	697.40
Durham	43.0	45.9	43.2	16.55	17.03	17.08	711.65	781.68	737.86
Greensboro-High Point	40.2	39.5	40.0	14.71	15.41	15.62	591.34	608.70	624.80
Raleigh-Cary	40.0	39.5	39.8	13.36	14.24	14.30	534.40	562.48	569.14
Winston-Salem	44.0	40.7	43.0	17.88	18.51	19.02	786.72	753.36	817.86
North Dakota	39.7	40.5	41.0	15.07	14.83	14.98	598.28	600.62	614.18
Fargo	39.2	40.9	40.7	13.89	14.18	14.55	544.49	579.96	592.19
Ohio	41.5	42.2	41.9	19.23	19.38	19.06	798.05	817.84	798.61
Akron	42.3	41.2	40.4	16.13	19.34	19.34	682.30	796.81	781.34
Canton-Massillon	40.0	39.0	38.6	15.60	14.04	13.92	624.00	547.56	537.31
Cincinnati-Middletown	41.0	43.1	42.1	19.87	20.72	20.74	814.67	893.03	873.15
Cleveland-Elyria-Mentor	41.3	42.9	43.1	19.19	19.16	18.76	792.55	821.96	808.56
Columbus	42.3	41.2	41.1	18.66	18.86	18.73	789.32	777.03	769.80
Dayton	40.2	42.4	42.0	20.20	19.80	19.68	812.04	839.52	826.56
Toledo	41.4	40.1	41.7	20.67	20.59	20.60	855.74	825.66	859.02
Youngstown-Warren-Boardman	45.3	46.1	45.1	28.83	27.47	26.38	1,306.00	1,266.37	1,189.74
Oklahoma	39.8	39.3	39.6	15.08	14.79	14.98	600.18	581.25	593.21
Oklahoma City	40.2	39.2	39.9	16.91	15.35	15.55	679.78	601.72	620.45
Tulsa	43.4	46.1	45.2	17.20	16.50	17.45	746.48	760.65	788.74

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED**

B-19. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
Oregon	41.3	40.3	40.2	\$15.55	\$16.77	\$16.61	\$642.22	\$675.83	\$667.72
Eugene-Springfield	42.5	41.2	41.0	14.64	15.00	14.82	622.20	618.00	607.62
Medford	39.6	44.1	41.4	16.44	17.32	16.67	651.02	763.81	690.14
Portland-Vancouver-Beaverton	42.8	41.3	41.6	16.04	17.07	17.12	686.51	704.99	712.19
Salem	39.5	39.1	39.9	11.40	13.09	12.43	450.30	511.82	495.96
Pennsylvania	40.9	41.1	40.8	15.42	15.43	15.39	630.68	634.17	627.91
Allentown-Bethlehem-Easton	41.7	41.5	41.2	15.95	16.19	16.13	665.12	671.89	664.56
Erie	42.4	43.9	44.3	16.46	16.93	16.90	697.90	743.23	748.67
Lancaster	40.4	40.5	40.1	16.75	17.01	16.88	676.70	688.91	676.89
Pittsburgh	40.9	39.8	39.8	16.78	17.01	17.05	686.30	677.00	678.59
York-Hanover	41.1	41.2	40.3	15.66	16.15	16.31	643.63	665.38	657.29
Rhode Island	39.7	39.2	39.3	13.43	13.90	13.94	533.17	544.88	547.84
Providence-Fall River-Warwick	39.3	38.8	38.9	13.54	13.89	13.90	532.12	538.93	540.71
South Carolina	41.3	43.3	43.2	15.15	15.80	15.63	625.70	684.14	675.22
South Dakota	43.1	41.6	42.1	13.99	14.42	14.43	602.97	599.87	607.50
Tennessee	39.6	39.8	39.0	14.04	14.03	14.00	555.98	558.39	546.00
Chattanooga	40.9	41.6	41.7	13.07	12.94	12.93	534.56	538.30	539.18
Knoxville	39.6	38.6	38.1	16.00	16.24	16.33	633.60	626.86	622.17
Memphis	43.3	42.2	41.4	14.99	15.30	15.23	649.07	645.66	630.52
Nashville-Davidson-Murfreesboro-Franklin	40.3	39.7	39.7	14.63	14.97	15.04	589.59	594.31	597.09
Texas	41.3	41.1	41.1	14.06	14.10	14.14	580.68	579.51	581.15
Dallas-Fort Worth-Arlington	39.5	40.2	39.6	15.26	15.41	15.41	602.77	619.48	610.24
Houston-Sugar Land-Baytown	39.5	41.5	42.1	17.17	16.72	16.79	678.22	693.88	706.86
San Antonio	42.2	46.4	46.2	11.76	12.19	12.34	496.27	565.62	570.11
Utah	41.8	41.7	42.0	15.11	16.72	16.86	631.60	697.22	708.12
Ogden-Clearfield	43.4	40.9	41.2	13.77	14.85	14.90	597.62	607.37	613.88
Provo-Orem	43.6	43.1	44.2	12.25	16.53	16.75	534.10	712.44	740.35
Salt Lake City	41.1	42.6	43.3	16.05	18.00	18.14	659.66	766.80	785.46
Vermont	40.2	38.9	38.7	15.97	16.55	16.52	641.99	643.80	639.32
Burlington-South Burlington	38.7	37.3	37.1	16.58	17.28	17.35	641.65	644.54	643.69
Virginia	41.3	41.7	42.1	16.91	17.58	17.37	698.38	733.09	731.28
Lynchburg	45.0	40.9	41.0	17.93	19.71	19.64	806.85	806.14	805.24
Richmond	39.2	39.2	38.6	17.65	18.13	17.74	691.88	710.70	684.76
Virginia Beach-Norfolk-Newport News	40.3	42.6	42.6	21.10	19.08	18.51	850.33	812.81	788.53
Washington	41.6	42.8	41.0	19.56	20.53	20.56	813.70	878.68	842.96
West Virginia	41.9	41.5	41.9	17.98	18.53	18.50	753.36	769.00	775.15
Huntington-Ashland	43.0	43.2	42.8	17.98	18.47	18.62	773.14	797.90	796.94
Wisconsin	40.8	40.4	40.1	16.64	17.51	17.56	678.91	707.40	704.16
Milwaukee-Waukesha-West Allis	39.4	38.6	38.4	17.10	18.88	18.52	673.74	728.77	711.17
Wyoming	41.6	41.0	41.6	18.00	19.16	18.18	748.80	785.56	756.29
Puerto Rico	40.6	41.1	41.1	11.68	11.93	11.85	474.21	490.32	487.04
Virgin Islands	42.6	52.4	50.7	26.73	26.00	26.03	1,138.70	1,362.40	1,319.72

¹ Area boundaries do not reflect official OMB definitions.

^P = preliminary.

NOTE: State and area data are currently projected from 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, unadjusted data from April 2006 are subject to revision. Area definitions are based on Office of Management and Budget Bulletin No. 07-01, dated December 18, 2006, and are available at <http://www.bls.gov/lau/lausmsa.htm> and in the May issue of *Employment and*

Earnings. Areas in the six New England states are Metropolitan New England City and Town Areas (NECTAs), while areas in other states are county-based. Some metropolitan areas lie in two or more states. They are listed under the state that appears first in their titles. Davenport-Moline-Rock Island, Iowa-Ill., and Weirton-Steubenville, W. Va.-Ohio, are the exceptions in that they are listed under Illinois and Ohio, respectively, for operational reasons.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

B-20. Average hours and earnings of production workers on manufacturing payrolls in selected states, metropolitan areas, and metropolitan divisions

State, area, and division	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P	Oct. 2006	Sept. 2007	Oct. 2007 ^P
California	40.6	40.9	40.8	\$16.07	\$16.45	\$16.48	\$652.44	\$672.81	\$672.38
Los Angeles-Long Beach-Santa Ana	41.9	41.9	41.8	14.67	14.90	14.79	614.67	624.31	618.22
Los Angeles-Long Beach-Glendale	42.2	41.9	41.5	14.71	15.05	14.90	620.76	630.60	618.35
Santa Ana-Anaheim-Irvine	41.3	42.1	42.5	14.55	14.50	14.51	600.92	610.45	616.68
San Francisco-Oakland-Fremont	40.6	41.2	41.1	18.06	18.40	18.29	733.24	758.08	751.72
Oakland-Fremont-Hayward	41.8	41.1	41.5	18.52	18.86	18.69	774.14	775.15	775.64
San Francisco-San Mateo-Redwood City	38.2	41.1	40.3	17.12	17.55	17.52	653.98	721.31	706.06
District of Columbia:									
Washington-Arlington-Alexandria ¹	38.7	38.8	38.7	17.39	17.51	17.74	672.99	679.39	686.54
Illinois	41.2	41.3	41.3	16.12	16.75	16.74	664.14	691.78	691.36
Chicago-Naperville-Joliet ¹	41.4	42.3	42.1	16.34	16.73	16.67	676.48	707.68	701.81
Chicago-Naperville-Joliet	41.5	42.2	42.1	15.89	16.11	16.09	659.44	679.84	677.39
Gary ²	41.7	44.7	44.0	21.81	22.37	21.97	909.48	999.94	966.68
Lake County-Kenosha County ¹	40.6	40.9	40.8	15.75	16.45	16.46	639.45	672.81	671.57
Massachusetts	40.8	40.8	41.0	18.59	19.35	19.38	758.47	789.48	794.58
Boston-Cambridge-Quincy ¹	40.1	40.1	39.7	19.10	19.49	19.55	765.91	781.55	776.14
Boston-Cambridge-Quincy	39.5	41.0	41.1	18.27	18.58	18.61	721.67	761.78	764.87
Nashua ¹	43.2	44.7	44.5	17.70	18.46	18.76	764.64	825.16	834.82
Michigan	42.8	43.4	43.3	21.69	22.08	21.97	928.33	958.27	951.30
Detroit-Warren-Livonia	41.9	44.5	44.5	25.09	24.84	24.75	1,051.27	1,105.38	1,101.38
Detroit-Livonia-Dearborn	42.2	45.2	44.5	25.12	26.16	25.75	1,060.06	1,182.43	1,145.88
Warren-Troy-Farmington Hills	41.8	44.2	44.6	25.07	24.11	24.21	1,047.93	1,065.66	1,079.77
Pennsylvania	40.9	41.1	40.8	15.42	15.43	15.39	630.68	634.17	627.91
Philadelphia	39.0	39.7	39.3	17.50	17.74	17.69	682.50	704.28	695.22
Wilmington ²	39.8	40.1	40.9	21.24	22.09	22.40	845.35	885.81	916.16
Texas	41.3	41.1	41.1	14.06	14.10	14.14	580.68	579.51	581.15
Dallas-Fort Worth-Arlington	39.5	40.2	39.6	15.26	15.41	15.41	602.77	619.48	610.24
Dallas-Plano-Irving	38.8	39.6	38.8	13.98	14.09	14.14	542.42	557.96	548.63
Fort Worth-Arlington	40.9	41.4	40.9	17.43	17.59	17.49	712.89	728.23	715.34

¹ Part of the area is in one or more adjacent states.

² All of the area is in one or more adjacent states.

^P = preliminary.

NOTE: State and area data are currently projected from 2006 benchmark levels. When more recent benchmark data are introduced with the release of January 2008 estimates, unadjusted data from April 2006 are subject to revision. Area definitions are based on Office of Management and Budget Bulletin No. 07-01, dated

December 18, 2006, and are available at <http://www.bls.gov/lau/lausmsa.htm> and in the May issue of Employment and Earnings. Areas in the six New England states are Metropolitan New England City and Town Areas (NECTAs), while areas in other states are county-based. Some metropolitan areas lie in two or more states. They are listed under the state that appears first in their titles. Some divisions lie in more than one state, and some, like Camden, N.J., are totally outside the states under which their metropolitan areas are listed.

**LABOR FORCE DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

**LABOR FORCE DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

C-1. Labor force status by census region and division, seasonally adjusted¹—Continued

(Numbers in thousands)

Census region and division	2006			2007									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
WEST													
Civilian labor force	34,942.9	35,066.4	35,082.3	35,185.0	35,232.3	35,301.3	35,282.7	35,357.4	35,323.2	35,451.4	35,386.9	35,681.1	35,620.7
Employed	33,385.0	33,504.2	33,514.4	33,584.1	33,671.2	33,752.1	33,683.0	33,755.6	33,735.2	33,780.6	33,703.5	33,959.2	33,900.3
Unemployed	1,557.9	1,562.2	1,567.9	1,600.9	1,561.1	1,549.2	1,599.7	1,601.8	1,588.1	1,670.8	1,683.4	1,721.9	1,720.5
Unemployment rate	4.5	4.5	4.5	4.5	4.4	4.4	4.5	4.5	4.5	4.7	4.8	4.8	4.8
Mountain													
Civilian labor force	10,759.2	10,845.9	10,826.4	10,820.7	10,865.3	10,835.2	10,836.8	10,890.6	10,844.9	10,941.4	10,859.6	10,994.3	11,006.2
Employed	10,350.0	10,441.1	10,423.5	10,410.2	10,483.6	10,456.4	10,457.1	10,519.3	10,478.4	10,545.6	10,465.4	10,607.1	10,618.6
Unemployed	409.2	404.8	402.9	410.4	381.7	378.7	379.7	371.3	366.6	395.8	394.2	387.1	387.6
Unemployment rate	3.8	3.7	3.7	3.8	3.5	3.5	3.5	3.4	3.4	3.6	3.6	3.5	3.5
Pacific													
Civilian labor force	24,183.7	24,220.5	24,255.9	24,364.3	24,367.1	24,466.1	24,445.9	24,466.9	24,478.3	24,510.0	24,527.3	24,686.8	24,614.6
Employed	23,035.0	23,063.1	23,090.9	23,173.8	23,187.6	23,295.7	23,225.9	23,236.3	23,256.8	23,235.0	23,238.2	23,352.1	23,281.6
Unemployed	1,148.7	1,157.4	1,165.0	1,190.5	1,179.4	1,170.5	1,220.0	1,230.5	1,221.5	1,275.0	1,289.1	1,334.7	1,332.9
Unemployment rate	4.7	4.8	4.8	4.9	4.8	4.8	5.0	5.0	5.0	5.2	5.3	5.4	5.4

¹ Census region estimates are derived by summing the Census division model-based estimates.

NOTE: Data refer to place of residence. The States (including the District of Columbia) that compose the various census divisions are: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South

Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

C-2. Labor force status by State, seasonally adjusted—Continued

(Numbers in thousands)

State	2006			2007									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Utah													
Civilian labor force	1,325.0	1,328.9	1,332.5	1,330.5	1,332.2	1,335.7	1,342.3	1,346.3	1,345.3	1,352.4	1,338.4	1,363.2	1,360.5
Employed	1,290.1	1,294.4	1,298.5	1,295.7	1,302.2	1,304.2	1,308.6	1,313.2	1,310.0	1,316.4	1,303.4	1,326.2	1,322.5
Unemployed	35.0	34.5	34.0	34.7	30.0	31.5	33.7	33.1	35.3	36.0	35.0	37.0	37.9
Unemployment rate	2.6	2.6	2.5	2.6	2.3	2.4	2.5	2.5	2.6	2.7	2.6	2.7	2.8
Vermont													
Civilian labor force	362.7	362.7	363.6	363.0	362.0	362.7	360.4	360.4	360.9	359.7	356.8	357.9	358.5
Employed	349.3	349.4	349.9	348.6	348.0	348.8	346.2	346.8	347.1	345.1	342.5	343.0	343.1
Unemployed	13.4	13.3	13.7	14.4	14.1	13.8	14.2	13.6	13.8	14.7	14.3	14.9	15.3
Unemployment rate	3.7	3.7	3.8	4.0	3.9	3.8	3.9	3.8	3.8	4.1	4.0	4.2	4.3
Virginia													
Civilian labor force	4,025.1	4,028.8	4,030.6	4,046.5	4,048.3	4,059.3	4,052.4	4,049.8	4,050.8	4,051.2	4,044.0	4,064.8	4,071.4
Employed	3,903.0	3,908.7	3,914.0	3,931.3	3,929.0	3,939.5	3,928.8	3,930.7	3,928.8	3,927.6	3,919.6	3,947.9	3,945.2
Unemployed	122.1	120.1	116.6	115.2	119.3	119.9	123.6	119.1	122.0	123.6	124.4	116.9	126.2
Unemployment rate	3.0	3.0	2.9	2.8	2.9	3.0	3.1	2.9	3.0	3.1	3.1	2.9	3.1
Washington													
Civilian labor force	3,340.4	3,347.6	3,344.2	3,345.0	3,360.7	3,382.8	3,370.4	3,374.6	3,378.1	3,399.5	3,397.2	3,447.6	3,449.7
Employed	3,172.2	3,179.0	3,178.3	3,174.9	3,198.5	3,227.1	3,221.1	3,220.7	3,226.5	3,231.3	3,240.0	3,282.9	3,285.1
Unemployed	168.2	168.6	165.9	170.1	162.3	155.7	149.4	153.8	151.7	168.2	157.2	164.7	164.6
Unemployment rate	5.0	5.0	5.0	5.1	4.8	4.6	4.4	4.6	4.5	4.9	4.6	4.8	4.8
West Virginia													
Civilian labor force	812.1	811.7	811.3	809.5	813.5	814.8	813.9	815.1	813.1	814.1	814.4	819.1	820.9
Employed	770.0	770.5	771.0	777.4	778.7	779.8	777.5	778.1	778.4	774.9	774.4	780.0	779.9
Unemployed	42.1	41.2	40.3	32.1	34.8	35.1	36.3	37.0	34.7	39.2	40.0	39.1	41.1
Unemployment rate	5.2	5.1	5.0	4.0	4.3	4.3	4.5	4.5	4.3	4.8	4.9	4.8	5.0
Wisconsin													
Civilian labor force	3,069.2	3,070.2	3,077.7	3,086.9	3,094.6	3,094.0	3,089.8	3,088.1	3,075.2	3,074.2	3,069.3	3,086.4	3,081.9
Employed	2,924.9	2,925.9	2,926.8	2,935.1	2,940.3	2,946.8	2,933.2	2,936.5	2,920.5	2,920.9	2,906.2	2,926.3	2,921.9
Unemployed	144.3	144.3	150.9	151.8	154.3	147.2	156.6	151.6	154.6	153.3	163.2	160.1	160.1
Unemployment rate	4.7	4.7	4.9	4.9	5.0	4.8	5.1	4.9	5.0	5.0	5.3	5.2	5.2
Wyoming													
Civilian labor force	287.9	287.4	287.1	286.0	287.4	288.0	287.7	289.8	288.1	290.2	287.8	290.9	289.9
Employed	277.7	278.1	278.5	278.6	280.7	280.3	279.4	280.1	278.6	279.6	278.0	281.9	281.6
Unemployed	10.2	9.3	8.6	7.4	6.7	7.6	8.3	9.7	9.5	10.6	9.9	9.0	8.3
Unemployment rate	3.6	3.2	3.0	2.6	2.3	2.6	2.9	3.3	3.3	3.7	3.4	3.1	2.9
Puerto Rico													
Civilian labor force	1,403.6	1,411.4	1,408.5	1,422.5	1,459.7	1,429.7	1,416.1	1,400.2	1,380.8	1,389.9	1,387.3	1,368.5	1,371.6
Employed	1,269.5	1,272.1	1,264.5	1,283.6	1,293.8	1,285.3	1,273.9	1,254.5	1,227.3	1,233.1	1,225.8	1,219.9	1,214.8
Unemployed	134.1	139.2	144.1	138.9	165.8	144.4	142.2	145.6	153.6	156.8	161.5	148.6	156.8
Unemployment rate	9.6	9.9	10.2	9.8	11.4	10.1	10.0	10.4	11.1	11.3	11.6	10.9	11.4

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

C-3. Civilian labor force and unemployment by State and metropolitan area—Continued

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	September		October		September		October		September		October	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
West Virginia—Continued												
Huntington-Ashland	132.3	134.6	134.1	134.4	6.5	6.2	6.1	5.9	4.9	4.6	4.5	4.4
Morgantown	61.8	63.7	62.6	64.7	2.0	1.9	1.9	2.1	3.3	3.0	3.0	3.3
Parkersburg-Marietta-Vienna	80.7	81.4	81.0	81.1	4.0	3.6	3.7	3.7	4.9	4.4	4.6	4.5
Wheeling	68.6	69.4	69.1	69.8	3.4	3.3	3.3	3.3	5.0	4.7	4.7	4.8
Wisconsin	3,064.3	3,083.0	3,072.1	3,081.1	127.2	141.1	119.7	138.4	4.2	4.6	3.9	4.5
Appleton	121.0	122.7	121.5	122.5	4.8	5.4	4.4	5.3	4.0	4.4	3.7	4.3
Eau Claire	89.1	90.0	89.8	90.4	3.4	3.7	3.3	3.6	3.8	4.2	3.6	4.0
Fond du Lac	56.7	56.7	56.8	56.2	2.3	2.5	2.2	2.4	4.1	4.3	3.9	4.3
Green Bay	169.2	169.1	170.0	170.1	7.0	7.7	6.7	7.6	4.1	4.6	3.9	4.5
Janesville	83.9	83.5	84.0	83.5	3.7	4.4	3.6	4.6	4.4	5.3	4.3	5.6
La Crosse	73.8	74.6	74.5	74.5	2.5	2.9	2.4	2.8	3.4	3.9	3.2	3.8
Madison	335.4	336.0	338.3	338.4	10.6	11.9	10.0	11.6	3.1	3.5	2.9	3.4
Milwaukee-Waukesha-West Allis	790.6	798.3	794.2	797.4	36.6	41.2	34.2	39.7	4.6	5.2	4.3	5.0
Oshkosh-Neenah	92.3	92.5	92.4	91.9	3.8	4.1	3.6	4.0	4.1	4.4	3.9	4.4
Racine	98.5	99.2	98.7	99.0	5.1	5.5	4.6	5.5	5.1	5.6	4.7	5.6
Sheboygan	65.1	65.5	64.8	65.3	2.3	2.8	2.2	2.8	3.6	4.3	3.4	4.2
Wausau	75.3	75.4	75.8	75.2	2.7	3.0	2.7	3.0	3.6	4.0	3.5	4.0
Wyoming	287.2	290.8	287.4	290.0	8.3	6.9	8.4	6.6	2.9	2.4	2.9	2.3
Casper	40.0	40.4	40.7	40.9	1.2	0.9	1.1	0.8	2.9	2.2	2.7	2.1
Cheyenne	41.8	41.7	42.0	42.4	1.5	1.3	1.6	1.2	3.6	3.1	3.8	2.9
Puerto Rico	1,406.9	1,362.7	1,398.8	1,366.5	153.0	150.8	134.1	162.5	10.9	11.1	9.6	11.9
Aguadilla-Isabela-San Sebastian	113.3	106.8	112.6	107.2	14.8	13.8	12.8	14.6	13.0	12.9	11.4	13.6
Fajardo	28.8	28.5	28.6	28.1	3.8	4.0	3.4	4.2	13.3	14.0	11.8	15.1
Guayama	27.5	26.4	27.3	26.5	4.1	3.8	3.6	4.2	14.9	14.4	13.3	15.7
Mayaguez	38.0	37.1	37.5	37.2	4.8	4.4	4.2	4.9	12.5	11.9	11.2	13.1
Ponce	96.4	95.9	95.4	96.4	10.8	10.5	9.4	11.4	11.2	11.0	9.9	11.9
San German-Cabo Rojo	53.8	52.5	54.0	52.6	6.0	6.0	5.4	6.4	11.2	11.4	9.9	12.2
San Juan-Caguas-Guaynabo	950.5	920.7	943.8	922.6	95.1	95.0	83.1	102.5	10.0	10.3	8.8	11.1
Yauco	39.8	38.8	39.9	39.1	5.3	5.3	4.7	5.6	13.2	13.8	11.8	14.4

¹ Area boundaries do not reflect official OMB definitions.

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. Area definitions are based on Office of Management and Budget Bulletin No. 07-01, dated December 18, 2006, and are available at <http://www.bls.gov/lau/lausmsa.htm> and in the May issue of *Employment and Earnings*. Areas in the six New England states are Metropolitan New England City and Town Areas

(NECTAs), while areas in other states are county-based. Some metropolitan areas lie in two or more states. They are listed under the state that appears first in their titles. Davenport-Moline-Rock Island, Iowa-Ill., and Weirton-Steubenville, W.Va.-Ohio, are the exceptions in that they are listed under Illinois and Ohio, respectively, for operational reasons. Data for 2006 have been revised to incorporate updated inputs and adjustments to new state controls.

Explanatory Notes and Estimates of Error

Introduction

The statistics in this periodical are compiled from two major sources: (1) household interviews, and (2) reports from employers.

Data based on household interviews are obtained from the Current Population Survey (CPS), a sample survey of the population 16 years of age and over. The survey is conducted each month by the U.S. Census Bureau for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, classified by such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households (beginning with July 2001 data) located in 754 sample areas. These areas are chosen to represent all counties and independent cities in the United States, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month through the use of touchtone data entry, computer-assisted telephone interviewing, and electronic data interchange, or by mail or fax, or on magnetic tape or computer diskette. The Current Employment Statistics (CES) survey is designed to provide industry information on nonfarm wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample that includes about 160,000 businesses and government agencies covering approximately 400,000 individual worksites. The sample is drawn from a sampling frame of over 8 million unemployment insurance tax accounts. The active CES sample includes approximately one-third of all nonfarm payroll workers. The data relate to all workers, full or part time, who receive pay during the payroll period that includes the 12th of the month.

RELATIONSHIP BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data complement one another, each providing significant types of information that the other cannot suitably supply. Population characteris-

tics, for example, are obtained only from the household survey, whereas detailed industrial classifications are much more reliably derived from establishment reports.

Data from these two sources differ from each other because of variations in definitions and coverage, source of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors that have a differential effect on the levels and trends of the two data series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the reference week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm establishments.

Multiple jobholding. The household survey provides information on the work status of the population without duplication, because each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all civilians who had jobs but were not at work during the reference week—that is, were not working but had jobs from which they were temporarily absent because of illness, vacation, bad weather, childcare problems, or labor-management disputes, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but those on leave without pay for the entire payroll period are not.

Hours of work

The household survey measures hours worked for all workers, whereas the payroll survey measures hours for

private production or nonsupervisory workers paid for by employers. In the household survey, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours at work. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures the earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to average earnings of production and related workers in natural resources and mining and manufacturing; construction workers in construction; and nonsupervisory employees in private service-providing industries. For a comprehensive discussion of the various earnings series available from the household and establishment surveys, see *BLS Measures of Compensation*, Bulletin 2239 (Bureau of Labor Statistics, 1986).

COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job during the reference week, were currently available for a job, and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the U.S. Department of Labor, exclude, in addition to otherwise ineligible persons who do not file claims for benefits, persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours

during the week are sometimes eligible for unemployment compensation but are classified as employed, rather than unemployed, in the household survey.

Agricultural employment estimates of the U.S. Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the National Agricultural Statistics Service series and the treatment of dual jobholders, who are counted more than once if they work on more than one farm during the reporting period. There also are wide differences in sampling techniques and data collecting and estimating methods, which cannot be readily measured in terms of their impact on differences in the levels and trends of the two series.

COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufacturers and business, U.S. Census Bureau. BLS establishment statistics on employment differ from employment counts derived by the U.S. Census Bureau from its censuses or sample surveys of manufacturing and business establishments. The major reasons for non-comparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units; the industrial classification of establishments; and different reporting patterns by multiunit companies. There also are differences in the scope of the industries covered—for example, the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns, U.S. Census Bureau. Data in *County Business Patterns* (CBP) differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences also may arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and most of government, and coverage is incomplete for some of the nonprofit agencies.

Employment covered by State unemployment insurance programs. Most nonfarm wage and salary workers are covered by the unemployment insurance programs. However, some employees, such as those working in parochial schools and churches, are not covered by unemployment insurance, whereas they are included in the BLS establishment statistics.

Household Data

("A" tables, monthly; "D" tables, quarterly)

COLLECTION AND COVERAGE

Statistics on the employment status of the population and related data are compiled by BLS using data from the Current Population Survey (CPS). This monthly survey of households is conducted for BLS by the U.S. Census Bureau through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and older. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, that includes the 12th day of the month. This is known as the "reference week." Actual field interviewing is conducted in the following week, referred to as the "survey week."

Each month, about 60,000 occupied units are eligible for interview. Some 4,500 of these households are contacted but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey that ranges between 7 and 8 percent. In addition to the 60,000 occupied units, there are about 12,000 sample units in an average month that are visited but found to be vacant or otherwise not eligible for enumeration. Part of the sample is changed each month. The rotation plan, as will be explained later, provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year earlier.

CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those in use as of January 1994 are as follows:

Civilian noninstitutional population. Included are persons 16 years of age and older residing in the 50 States and the District of Columbia who are not inmates of institutions (for example, penal and mental facilities, homes for the aged), and who are not on active duty in the Armed Forces.

Employed persons. All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees, worked in their own business, profession, or on their own farm, or worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, childcare problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. For purposes of occupation and industry classification, multiple jobholders are counted in the job at which they worked the greatest number of hours during the reference week.

Included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around their own house (painting, repairing, or own home housework) or volunteer work for religious, charitable, and other organizations.

Unemployed persons. All persons who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment sometime during the 4-week period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.

Duration of unemployment. This represents the length of time (through the current reference week) that persons classified as unemployed had been looking for work. For persons on layoff, duration of unemployment represents the number of full weeks they had been on layoff. Mean duration is the arithmetic average computed from single weeks of unemployment; median duration is the midpoint of a distribution of weeks of unemployment.

Reason for unemployment. Unemployment also is categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into five major groups: (1) *Job losers*, comprising (a) persons on temporary layoff, who have been given a date to return to work or who expect to return within 6 months (persons on layoff need not be looking for work to qualify as unemployed), and (b) permanent job losers, whose employment ended involuntarily and who began looking for work; (2) *Job leavers*, persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work; (3) *Persons who completed temporary jobs*, who began looking for work after the jobs ended; (4) *Reentrants*, persons who previously worked but who were out of the labor force prior to beginning their job search; and (5) *New entrants*, persons who had never worked. Each of these five categories of the unemployed can be expressed as a proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers. (For statistical presentation purposes, "job losers" and "persons who completed temporary jobs" are combined into a single category until seasonal adjustments can be developed for the separate categories.)

Jobseekers. All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week are classified as jobseekers. Jobseekers do not include persons classified as on temporary layoff, who, although often looking for work, are not required to do so to be classified as unemployed. Jobseekers are grouped by the methods used to seek work. Only active methods—which have the potential to result in a job offer without further action on the part of the jobseeker—qualify as job search. Examples include going to an employer directly or to a public or private employment agency, seeking assistance from friends or relatives, placing or answering ads, or using some other active method. Examples of the “other” category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated labor pickup point. Passive methods, which do not qualify as job search, include reading (as opposed to answering or placing) “help wanted” ads and taking a job training course.

Labor force. This group comprises all persons classified as employed or unemployed in accordance with the criteria described above.

Unemployment rate. The unemployment rate represents the number unemployed as a percent of the labor force.

Participation rate. This represents the proportion of the population that is in the labor force.

Employment-population ratio. This represents the proportion of the population that is employed.

Not in the labor force. Included in this group are all persons in the civilian noninstitutional population who are neither employed nor unemployed. Information is collected on their desire for and availability to take a job at the time of the CPS interview, job search activity in the prior year, and reason for not looking in the 4-week period prior to the survey week. This group includes discouraged workers, defined as persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but who are not currently looking because they believe there are no jobs available or there are none for which they would qualify.

Persons classified as not in the labor force who are in the sample for either their fourth or eighth month are asked additional questions relating to job history and workseeking intentions. These latter data are available on a quarterly basis.

Occupation, industry, and class of worker. This information for the employed applies to the job held in the reference week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours. The unemployed are classified according to their last job. Beginning in 2003, the occupational and industrial classification of CPS data is based on the 2002 Census Bureau occupational and industrial classification systems

which are derived from the 2000 Standard Occupational Classification (SOC) and the 2002 North American Industry Classification System (NAICS). (See the following section on historical comparability for a discussion of previous classification systems used in the CPS.)

The class-of-worker breakdown assigns workers to the following categories: Private and government wage and salary workers, self-employed workers, and unpaid family workers. Wage and salary workers receive wages, salary, commissions, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, trade, or farm. Only the unincorporated self-employed are included in the self-employed category in the class-of-worker typology. Self-employed persons who respond that their businesses are incorporated are included among wage and salary workers because, technically, they are paid employees of a corporation. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

Multiple jobholders. These are employed persons who, during the reference week, either had two or more jobs as a wage and salary worker, were self-employed and also held a wage and salary job, or worked as an unpaid family worker and also held a wage and salary job. Excluded are self-employed persons with multiple businesses and persons with multiple jobs as unpaid family workers.

Hours of work. These statistics relate to the actual number of hours worked during the reference week. For example, persons who normally work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours, even though they were paid for the holiday. For persons working in more than one job, the published figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job. Unpublished data are available for the hours worked in each job and for usual hours.

At work part time for economic reasons. Sometimes referred to as involuntary part time, this category refers to individuals who gave an economic reason for working 1 to 34 hours during the reference week. Economic reasons include slack work or unfavorable business conditions, inability to find full-time work, and seasonal declines in demand. Those who usually work part time must also indicate that they want and are available for full-time work to be classified as on part time for economic reasons.

At work part time for noneconomic reasons. This group includes those persons who usually work part time and were at work 1 to 34 hours during the reference week for a noneconomic reason. Noneconomic reasons include, for example: Illness or other medical limitations, childcare problems or other family or personal obligations, school or training, retirement or Social Security limits on earnings, and being in a

job where full-time work is less than 35 hours. The group also includes those who gave an economic reason for usually working 1 to 34 hours but said they do not want to work full time or are unavailable for such work.

Usual full- or part-time status. Data on persons “at work” exclude persons who were temporarily absent from a job and therefore classified in the zero-hours-worked category, “with a job but not at work.” These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute. In order to differentiate a person’s normal schedule from his or her activity during the reference week, persons also are classified according to their usual full- or part-time status. In this context, *full-time workers* are those who usually worked 35 hours or more (at all jobs combined). This group will include some individuals who worked less than 35 hours in the reference week for either economic or noneconomic reasons and those who are temporarily absent from work. Similarly, *part-time workers* are those who usually work less than 35 hours per week (at all jobs), regardless of the number of hours worked in the reference week. This may include some individuals who actually worked more than 34 hours in the reference week, as well as those who are temporarily absent from work. The *full-time labor force* includes all employed persons who usually work full time and unemployed persons who are either looking for full-time work or are on lay-off from full-time jobs. The *part-time labor force* consists of employed persons who usually work part time and unemployed persons who are seeking or are on layoff from part-time jobs. Unemployment rates for full- and part-time workers are calculated using the concepts of the *full-* and *part-time labor force*.

White, black or African American, and Asian. These are terms used to describe the race of persons. Persons in these categories are those who selected that race group only. Persons in the remaining race categories—American Indian or Alaska Native, Native Hawaiian or Other Pacific Islanders, and persons who selected more than one race category—are included in the estimates of total employment and unemployment but are not shown separately because the number of survey respondents is too small to develop estimates of sufficient quality for monthly publication. In the enumeration process, race is determined by the household respondent. (See the following section on historical comparability for a discussion of changes beginning in 2003 that affected how people are classified by race.)

Hispanic or Latino ethnicity. This refers to persons who identified themselves in the enumeration process as being Spanish, Hispanic, or Latino. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. (See the following section on historical comparability for a discussion of changes beginning in 2003 that affected how people are classified by Hispanic or Latino ethnicity.)

Usual weekly earnings. Data represent earnings before taxes and other deductions, and include any overtime pay, commissions, or tips usually received (at the main job, in the case of multiple jobholders). Earnings reported on a basis other than weekly (for example, annual, monthly, hourly) are converted to weekly. The term “usual” is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding all self-employed persons regardless of whether their businesses were incorporated) who usually work full time on their sole or primary job.

Median earnings. These figures indicate the value that divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls. Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

Never married; married, spouse present; and other marital status. These are the terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were living in the same household, even though one may be temporarily absent on business, on vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent relates to persons who are separated due to marital problems, as well as to husbands and wives who are living apart because one or the other was employed elsewhere or was on duty with the Armed Forces, or for any other reasons.

Household. A household consists of all persons—related family members and all unrelated persons—who occupy a housing unit and have no other usual address. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters. A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

Family. A family is defined as a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent.

HISTORICAL COMPARABILITY

Changes in concepts and methods

While current survey concepts and methods are very similar

to those introduced at the inception of the survey in 1940, a number of changes have been made over the years to improve the accuracy and usefulness of the data. Some of the most important changes include:

- In 1945, the questionnaire was radically changed with the introduction of four basic employment questions. Prior to that time, the survey did not contain specific question wording, but, rather, relied on a complicated scheme of activity prioritization.

- In 1953, the current 4-8-4 rotation system was adopted, whereby households are interviewed for 4 consecutive months, leave the sample for 8 months, and then return to the sample for the same 4 months of the following year. Before this system was introduced, households were interviewed for 6 consecutive months and then replaced. The new system provided some year-to-year overlap in the sample, thereby improving measurement over time.

- In 1955, the survey reference week was changed to the calendar week including the 12th day of the month, for greater consistency with the reference period used for other labor-related statistics. Previously, the calendar week containing the 8th day of the month had been used as the reference week.

- In 1957, the employment definition was modified slightly as a result of a comprehensive interagency review of labor force concepts and methods. Two relatively small groups of persons classified as employed, under “with a job but not at work,” were assigned to different classifications. Persons on layoff with definite instructions to return to work within 30 days of the layoff date, and persons volunteering that they were waiting to start a new wage and salary job within 30 days of interview, were, for the most part, reassigned to the unemployed classification. The only exception was the small subgroup in school during the reference week but waiting to start new jobs, which was transferred to not in the labor force.

- In 1967, more substantive changes were made as a result of the recommendations of the President’s Committee to Appraise Employment and Unemployment Statistics (the Gordon Committee). The principal improvements were as follows:

- a) A 4-week job search period and specific questions on jobseeking activity were introduced. Previously, the questionnaire was ambiguous as to the period for jobseeking, and there were no specific questions concerning job search methods.

- b) An availability test was introduced whereby a person must be currently available for work in order to be classified as unemployed. Previously, there was no such requirement. This revision to the concept mainly affected students, who, for example, may begin to look for summer jobs in the spring although they will not be available until June or July. Such persons, until 1967, had been classified as unemployed but since have been assigned to the “not in the labor force” category.

- c) Persons “with a job but not at work” because of strikes, bad weather, etc., who volunteered that they were looking for work were shifted from unemployed status to employed.

- d) The lower age limit for official statistics on employment, unemployment, and other labor force concepts was raised from 14 to 16 years. Historical data for most major series have been revised to provide consistent information based on the new minimum age limit.

- e) New questions were added to obtain additional information on persons not in the labor force, including those referred to as “discouraged workers,” defined as persons who indicate that they want a job but are not currently looking because they believe there are no jobs available or none for which they would qualify.

- f) New “probing” questions were added to the questionnaire in order to increase the reliability of information on hours of work, duration of unemployment, and self-employment.

- In 1994, major changes to the Current Population Survey (CPS) were introduced, which included a complete redesign of the questionnaire and the use of computer-assisted interviewing for the entire survey. In addition, there were revisions to some of the labor force concepts and definitions, including the implementation of some changes recommended in 1979 by the National Commission on Employment and Unemployment Statistics (NCEUS, also known as the Levitan Commission). Some of the major changes to the survey were:

- a) The introduction of a redesigned and automated questionnaire. The CPS questionnaire was totally redesigned in order to obtain more accurate, comprehensive, and relevant information, and to take advantage of state-of-the-art computer interviewing techniques.

- b) The addition of two, more objective, criteria to the definition of discouraged workers. Prior to 1994, to be classified as a discouraged worker, a person must have wanted a job and been reported as not currently looking because of a belief that no jobs were available or that there were none for which he or she would qualify. Beginning in 1994, persons classified as discouraged must also have looked for a job within the past year (or since their last job, if they worked during the year), and must have been available for work during the reference week (a direct question on availability was added in 1994; prior to 1994, availability had been inferred from responses to other questions). These changes were made because the NCEUS and others felt that the previous definition of discouraged workers was too subjective, relying mainly on an individual’s stated desire for a job and not on prior testing of the labor market.

- c) Similarly, the identification of persons employed part time for economic reasons (working less than 35 hours in the reference week because of poor business conditions or because of an inability to find full-time work) was tightened

by adding two new criteria for persons who usually work part time: They must want and be available for full-time work. Previously, such information was inferred. (Persons who usually work full time but worked part time for an economic reason during the reference week are assumed to meet these criteria.)

d) Specific questions were added about the expectation of recall for persons who indicate that they are on layoff. To be classified as “on temporary layoff,” persons must expect to be recalled to their jobs. Previously, the questionnaire did not include explicit questions about the expectation of recall.

e) Persons volunteering that they were waiting to start a new job within 30 days must have looked for work in the 4 weeks prior to the survey in order to be classified as unemployed. Previously, such persons did not have to meet the job search requirement in order to be included among the unemployed.

For additional information on changes in CPS concepts and methods, see “The Current Population Survey: Design and Methodology,” Technical Paper 63RV (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at www.bls.census.gov/cps/tp/tp63.htm; “Overhauling the Current Population Survey—Why is it Necessary to Change?,” “Redesigning the Questionnaire,” and “Evaluating Changes in the Estimates,” *Monthly Labor Review*, September 1993; and “Revisions in the Current Population Survey Effective January 1994,” in the February 1994 issue of this publication.

Noncomparability of labor force levels

In addition to the refinements in concepts, definitions, and methods made over the years, other changes also have affected the comparability of the labor force data.

- Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and for men; other categories were relatively unaffected.

- Beginning in 1960, the inclusion of Alaska and Hawaii resulted in increases of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of the labor force increase was in nonagricultural employment; other labor force categories were not appreciably affected.

- Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged.

- Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; unemployment levels and rates were essentially unchanged.

- In March 1973, a subsequent population adjustment based on the 1970 census was introduced. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

- Beginning in January 1974, the method used to prepare independent estimates of the civilian noninstitutional population was modified to an “inflation-deflation” approach. This change in the derivation of the estimates had its greatest impact on estimates of 20- to 24-year-old men—particularly those in the black-and-other population—but had little effect on estimates of the total population 16 years and over. Additional information on the adjustment procedure appears in “CPS Population Controls Derived from Inflation-Deflation Method of Estimation,” in the February 1974 issue of this publication.

- Effective in July 1975, as a result of the large inflow of Vietnamese refugees to the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, with all of the changes being confined to the “other” component of the population.

- Beginning in January 1978, the introduction of an expansion in the sample and revisions in the estimation procedures resulted in an increase of about 250,000 in the civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in “Revisions in the Current Population Survey in January 1978” in the February 1978 issue of this publication.

- Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

- Beginning in January 1979, the first-stage ratio adjustment method was changed in the CPS estimation procedure. Differences between the old and new procedures existed only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change

and an indication of the differences appear in “Revisions in the Current Population Survey in January 1979” in the February 1979 issue of this publication.

- Beginning in January 1982, the second-stage ratio adjustment method was changed. The rationale for the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1982” in the February 1982 issue of this publication. In addition, current population estimates used in the second-stage estimation procedure were derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in the total population and in the estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used also is described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 (described above), and data users should consider them when comparing estimates from different periods.

- Beginning in January 1983, the first-stage ratio adjustment method was updated to incorporate data from the 1980 census. The rationale for the change and an indication of its effect on national estimates for labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of this publication. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

- Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first- and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

- Beginning in January 1986, the population controls used in the second-stage ratio adjustment method were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin population and labor force estimates were raised by about 425,000 and 305,000, respectively,

and Hispanic employment was increased by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data were revised back to January 1980 to the extent possible. An explanation of the changes and an indication of their effect on estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986” in the February 1986 issue of this publication.

- Beginning in August 1989, the second-stage ratio estimation procedures were changed slightly to decrease the chance of very small cells occurring and to be more consistent with published age, sex, race cells. This change had virtually no effect on national estimates.

- Beginning in January 1994, 1990 census-based population controls, adjusted for the estimated undercount, were introduced into the second-stage estimation procedure. This change resulted in substantial increases in total population and in all major labor force categories. Effective February 1996, these controls were introduced into the estimates for 1990-93. Under the new population controls, the civilian noninstitutional population for 1990 increased by about 1.1 million, employment by about 880,000, and unemployment by approximately 175,000. The overall unemployment rate rose by about 0.1 percentage point. For further information, see “Revisions in the Current Population Survey Effective January 1994,” and “Revisions in Household Survey Data Effective February 1996” in the February 1994 and March 1996 issues, respectively, of this publication.

Additionally, for the period January through May 1994, the composite estimation procedure was suspended for technical and logistical reasons.

- Beginning in January 1997, the population controls used in the second-stage ratio adjustment method were revised to reflect updated information on the demographic characteristics of immigrants to, and emigrants from, the United States. As a result, the civilian noninstitutional population 16 years and over was raised by about 470,000. The labor force and employment levels were increased by about 320,000 and 290,000, respectively. The Hispanic-origin population and labor force estimates were raised by about 450,000 and 250,000, respectively, and Hispanic employment was increased by 325,000. Overall and subgroup unemployment rates and other percentages of labor market participation were not affected. An explanation of the changes and an indication of their effect on national labor force estimates appear in “Revisions in the Current Population Survey Effective January 1997” in the February 1997 issue of this publication.

- Beginning in January 1998, new composite estimation procedures and minor revisions in the population controls were introduced into the household survey. The new composite estimation procedures simplify processing of the monthly labor force data at BLS, allow users of the survey

microdata to more easily replicate the official estimates released by BLS, and increase the reliability of the employment and labor force estimates. The new procedures also produce somewhat lower estimates of the civilian labor force and employment and slightly higher estimates of unemployment. For example, based on 1997 annual average data, the differences resulting from the use of old and new composite weights were as follows: Civilian labor force (-229,000), total employed (-256,000), and total unemployed (+27,000). Unemployment rates were not significantly affected.

Also beginning in January 1998, the population controls used in the survey were revised to reflect new estimates of legal immigration to the United States and a change in the method for projecting the emigration of foreign-born legal residents. As a result, the Hispanic-origin population was raised by about 57,000; however, the total civilian noninstitutional population 16 years and over was essentially unchanged. More detailed information on these changes and their effect on the estimates of labor force change and composition appear in "Revisions in the Current Population Survey Effective January 1998," in the February 1998 issue of this publication.

- Beginning in January 1999, the population controls used in the survey were revised to reflect newly updated information on immigration. As a result, the civilian noninstitutional population 16 years and over was raised by about 310,000. The impact of the changes varied for different demographic groups. The civilian noninstitutional population for men 16 years and over was lowered by about 185,000, while that for women was increased by about 490,000. The Hispanic-origin population was lowered by about 165,000 while that of persons of non-Hispanic origin was raised by about 470,000. Overall labor force and employment levels were increased by about 60,000 each, while the Hispanic labor force and employment estimates were reduced by about 225,000 and 215,000, respectively. The changes had only a small impact on overall and subgroup unemployment rates and other percentages of labor market participation. An explanation of the changes and an indication of their effect on national labor force estimates appear in "Revisions in the Current Population Survey Effective January 1999" in the February 1999 issue of this publication.

- Beginning in January 2003, several major changes were introduced into the CPS. These changes included:

- a) Population controls that reflected the results of Census 2000 were introduced into the monthly CPS estimation process. These new population controls substantially increased the size of the civilian noninstitutional population and the civilian labor force. Data from January 2000 through December 2002 were revised to reflect the higher population estimates from Census 2000 and the higher rates of population growth since the census. At the start of the revision period (January 2000), the new controls raised the civilian noninstitutional population and the civilian labor force by 2.6 and 1.6 million, respectively. By December

2002, the civilian population and labor force were 3.8 and 2.5 million, respectively, higher than originally estimated. In addition to these revisions, the U.S. Census Bureau introduced another large upward adjustment to the population controls as part of its annual update of population estimates for 2003. The entire amount of this adjustment was added to the labor force data in January 2003 resulting in increases of 941,000 to the civilian noninstitutional population and 614,000 to the civilian labor force. The unemployment rate and other ratios were not substantially affected by either of these population control adjustments.

- b) The modification of the questions on race and Hispanic origin to comply with new standards for maintaining, collecting, and presenting Federal data on race and ethnicity for Federal statistical agencies. In accordance with the new standards, the following changes were made to the CPS questions: 1) Individuals were now asked whether they are of Hispanic ethnicity before being asked about their race. Prior to 2003, individuals were asked their ethnic origin after they were asked about their race. 2) Individuals were now asked directly if they are Spanish, Hispanic, or Latino. Previously, individuals were identified as Hispanic based on their, or their ancestors', country of origin. 3) With respect to race, the response category of Asian and Pacific Islanders was split into two categories: a) Asian and b) Native Hawaiian or Other Pacific Islanders. 4) Individuals were allowed to choose more than one race category. Prior to 2003, individuals who considered themselves to belong to more than one race were required to select a single primary race. 5) The questions were reworded to indicate that individuals could select more than one race category and to convey more clearly that individuals should report their own perception of what their race is. These changes had no impact on the overall civilian noninstitutional population and civilian labor force but did reduce the population and labor force levels of whites, blacks or African Americans, and Asians beginning in January 2003. For whites and blacks, the differences resulted from the exclusion of individuals who reported more than one race from those groups. For Asians, the difference resulted from the same restriction as well as the split of the old Asian and Pacific Islander category into two separate categories. Analysis of data from a special CPS supplement conducted in May 2002 indicated that these changes reduced the population and labor force levels for whites by about 950,000 and 730,000, respectively, and for blacks and African Americans by about 320,000 and 240,000, respectively, while having little or no impact on their unemployment rates. For Asians, the changes had the effect of reducing their population by about 1.1 million and their labor force by about 720,000, but did not have a statistically significant effect on their unemployment rate. The changes did not affect the size of the Hispanic or Latino population and had no significant impact on the size of their labor force, but did cause an increase of about half a percentage point in their unemployment rate.

c) Improvements were introduced to both the second-stage and composite weighting procedures. These changes adapted the weighting procedures to the new race/ethnic classification system and enhanced the stability over time of national and State/substate labor force estimates for demographic groups.

More detailed information on these changes and an indication of their effect on national labor force estimates appear in “Revisions to the Current Population Survey Effective in January 2003” in the February 2003 issue of this publication available on the Internet at <http://www.bls.gov/cps/rvcps03.pdf>.

- Beginning in January 2004, the population controls used in the survey were updated to reflect revised estimates of net international migration for 2000 through 2003. The updated controls resulted in a decrease of 560,000 in the estimated size of the civilian noninstitutional population 16 years of age and over for December 2003. The civilian labor force and employment levels decreased by 437,000 and 409,000, respectively. The Hispanic or Latino population and labor force estimates declined by 583,000 and 446,000, respectively and Hispanic or Latino employment was lowered by 421,000. The updated controls had little or no effect on overall and subgroup unemployment rates and measures of labor market participation. More detailed information on the effect of the updated controls on national labor force estimates appears in “Adjustments to Household Survey Population Estimates in January 2004” in the February 2004 issue of this publication available on the Internet at <http://www.bls.gov/cps/cps04adj.pdf>.

- Beginning in January 2005, the population controls used in the survey were adjusted to reflect revised estimates of net international migration and updated vital statistics information. The updated controls resulted in a decrease of 8,000 in the estimated size of the civilian noninstitutional population 16 years of age and over for December 2004. The civilian labor force and employment levels decreased by 49,000 and 45,000, respectively. The updated controls had no effect on overall and subgroup unemployment rates and measures of labor market participation such as the labor force participation rate and the employment-population ratio. More detailed information on the effect of the updated controls on national labor estimates appears in “Adjustments to Household Survey Population Estimates in January 2005” in the February 2005 issue of this publication available on the Internet at <http://www.bls.gov/cps/cps05adj.pdf>.

- Beginning in January 2006, the population controls used in the survey were adjusted to reflect revised estimates of net international migration and updated vital statistics information. The updated controls resulted in a decrease of 67,000 in the estimated size of the civilian noninstitutional population 16 years of age and over for December 2005. The civilian labor force and employment levels decreased by 130,000 and 123,000, respectively. The updated controls had

no effect on overall and subgroup unemployment rates and measures of labor market participation such as the labor force participation rate and the employment-population ratio. More detailed information on the effect of the updated controls on national labor estimates appears in “Adjustments to Household Survey Population Estimates in January 2006” in the February 2006 issue of this publication available on the Internet at <http://www.bls.gov/cps/cps06adj.pdf>.

Changes in the occupational and industrial classification systems

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to more precisely determine the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see “Revisions in Occupational Classifications for 1971” and “Revisions in the Current Population Survey” in the February 1971 and February 1972 issues, respectively, of this publication.

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. The 1980 census occupational classification system evolved from the Standard Occupational Classification (SOC) system and was so radically different in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group “sales occupations” is substantially larger than the 1970 category “sales workers.” Major additions include “cashiers” from “clerical workers” and some self-employed proprietors in retail trade establishments from “managers and administrators, except farm.”

The industrial classification system used in the 1980 census was based on the 1972 Standard Industrial Classification (SIC) system, as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from “retail” to “wholesale” trade and of postal service from “public administration” to “transportation,” and some interchange between “professional and related services” and “public administration.” Additional information on the 1980 census occupational and industrial classification systems appears in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of this publication.

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. (These systems were based largely on the

1980 Standard Occupational Classification (SOC) and 1987 Standard Industrial Classification (SIC) systems, respectively.) There were a few breaks in comparability between the 1980 and 1990 census-based systems, particularly within the “technical, sales, and administrative support” categories. The most notable changes in industry classification were the shift of several industries from “business services” to “professional services” and the splitting of some industries into smaller, more detailed categories. A number of industry titles were changed as well, with no change in content.

Beginning in January 2003, the 2002 Census Bureau occupational and industrial classification systems were introduced into the CPS. These systems were derived from the 2000 Standard Occupational Classification (SOC) and the 2002 North American Industry Classification System (NAICS). The composition of detailed occupational and industrial classifications in the new classification systems was substantially changed from the previous systems in use as was the structure for aggregating them into broad groups. Consequently, the use of the new classification systems created breaks in existing data series at all levels of aggregation. Additional information on the 2002 Census Bureau occupational and industrial classification systems appears in “Revisions to the Current Population Survey Effective in January 2003” in the February 2003 issue of this publication available on the Internet at <http://www.bls.gov/cps/rvcps03.pdf>.

Sampling

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample traditionally is redesigned and a new sample selected after each decennial census. Also, the number of sample areas and the number of sample persons are changed occasionally. Most of these changes are made to improve the efficiency of the sample design, increase the reliability of the sample estimates, or control cost.

Changes in this regard since 1960 are as follows: When Alaska and Hawaii received statehood in 1959 and 1960, respectively, three sample areas were added to the existing sample to account for the population of these States. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia, was designed to provide more reliable annual average estimates for States. In October 1978, a coverage improvement sample of approximately 450 sample household units representing 237,000 occupied mobile homes and 600,000 new construction housing units was added. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to the Standard Metropolitan Statistical Areas (SMSAs), which were redefined in 1973. In January 1985, a new State-based CPS sample was selected based on 1980 census

information. A sample reduction of about 4,000 households was implemented in April 1988; the households were reinstated during the 8-month period, April–November 1989. A redesigned CPS sample based on the 1990 decennial census was selected for use during the 1990s. Households from this new sample were phased into the CPS between April 1994 and July 1995. The July 1995 sample was the first monthly sample based entirely on the 1990 census. For further information on the 1990 sample redesign, see “Redesign of the Sample for the Current Population Survey” in the May 1994 issue of this publication.

In 1996, the original sample design reliability criteria were modified to reduce costs. In July 2001, the CPS sample was expanded to support the State Children’s Health Insurance Program. A redesigned CPS sample based on Census 2000, the 2000 decennial census, was selected for use during the 2000s. Households from the new sample were phased into the CPS from April 2004 to July 2005. The July 2005 sample was the first monthly sample based entirely on Census 2000. For further information on the 2000 sample redesign, see “Redesign of the Sample for the Current Population Survey” in the December 2004 issue of this publication.

The current criteria, given below, are based on the coefficient of variation (CV) of the unemployment level, where the CV is defined as the standard error of the estimate divided by the estimate, expressed as a percentage. These CV controls assume a 6-percent unemployment rate to establish a consistent specification of sampling error.

The current sample design includes about 72,000 “assigned” housing units from 824 sample areas. Sufficient sample is allocated to maintain, at most, a 1.9-percent CV on national monthly estimates of unemployment level, assuming a 6-percent unemployment rate. This translates into a change of 0.2 percentage point in the unemployment rate being significant at a 90-percent confidence level. For each of the 50 States and for the District of Columbia, the design maintains a CV of at most 8 percent on the annual average estimate of unemployment level, assuming a 6-percent unemployment rate. About 60,000 housing units are required in order to meet the national and State reliability criteria. Due to the national reliability criterion, estimates for several large States are substantially more reliable than the State design criterion requires. Annual average unemployment estimates for California, Florida, New York, and Texas, for example, carry a CV of less than 4 percent. In support of the State Children’s Health Insurance Program, about 12,000 additional housing units are allocated to the District of Columbia and 26 States. (These are generally the States with the smallest samples after the 60,000 housing units are allocated to satisfy the national and State reliability criteria.)

In the first stage of sampling, the 824 sample areas are chosen. In the second stage, ultimate sampling units are selected. Each month, about 72,000 housing units are assigned for data collection, of which about 60,000 are occupied and thus eligible for interview. The remainder are units

found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 housing units, about 7.5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), other failures to make contact after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate (about half of the noninterviews). Information is obtained each month for about 112,000 persons 16 years of age or older.

Selection of sample areas. The entire area of the United States, consisting of 3,142 counties and independent cities, is divided into 2,025 sample units (PSUs). A PSU consists of a county or a number of contiguous counties.

Metropolitan areas within a State are used as a basis for forming PSUs. Outside of metropolitan areas, counties normally are combined except when the geographic area of an individual county is too large. Combining counties to form PSUs provides greater heterogeneity; a typical PSU includes urban and rural residents of both high and low economic levels and encompasses, to the extent feasible, diverse occupations and industries. Another important consideration is that the PSU be sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 2,025 PSUs are grouped into strata within each State. Then, one PSU is selected from each stratum with the probability of selection proportional to the population of the PSU. Nationally, there are a total of 446 PSUs in strata by themselves. These strata are self-representing and are generally the most populous PSUs in each State. The 378 remaining strata are formed by combining PSUs that are similar in such characteristics as unemployment, proportion of housing units with three or more persons, number of persons employed in various industries, and average monthly wages for various industries. The single PSU randomly selected from each of these strata is nonself-representing because it represents not only itself but the entire stratum. The probability of selecting a particular PSU in a nonself-representing stratum is proportional to its 2000 population. For example, within a stratum, the chance that a PSU with a population of 50,000 would be selected for the sample is twice that for a PSU having a population of 25,000.

Selection of sample households. Because the sample design is State based, the sampling ratio differs by State and depends on State population size as well as both national and State reliability requirements. The State sampling ratios range roughly from 1 in every 100 households to 1 in every 3,000 households. The sampling ratio occasionally is modified slightly to hold the size of the sample relatively constant given the overall growth of the population. The sampling ratio used within a sample PSU depends on the probability of selection of the PSU and the sampling ratio for the State. In a sample PSU with a probability of selection of 1 in 10 and a State sampling ratio of

3,000, a within-PSU sampling ratio of 1 in 300 achieves the desired ratio of 1 in 3,000 for the stratum.

The 2000 within-PSU sample design was developed using block-level data from Census 2000. Normally, census blocks are bounded by streets and other prominent physical features such as rivers or railroad tracks. County, minor civil division, and census place limits also serve as block boundaries. In cities, blocks can be bounded by four streets and be quite small in land area. In rural areas, blocks can be several square miles in size.

For the purpose of sample selection, census blocks were grouped into three strata: Unit, group quarters, and area. (Occasionally, units within a block were split between the unit and group-quarters strata.) The unit stratum contained regular housing units with addresses that were easy to locate (for example, most single-family homes, townhouses, condominiums, apartment units, and mobile homes). The group-quarters stratum contained housing units in which residents shared common facilities or received formal or authorized care or custody. Unit and group-quarters blocks exist primarily in urban areas. The area stratum contains blocks with addresses that are more difficult to locate. Area blocks exist primarily in rural areas.

To reduce the variability of the survey estimates and to ensure that the within-PSU sample would reflect the demographic and socioeconomic characteristics of the PSU, blocks within the unit, group-quarters, and area strata were sorted using geographic and block-level data from the census. Examples of the census variables used for sorting include proportion of minority renter-occupied housing units, proportion of housing units with female householders, and proportion of owner-occupied housing units. The specific sorting variables used differed by type of PSU (urban or rural) and stratum.

Within each block, housing units were sorted geographically. A systematic sample of these units was then selected independently from each stratum using the appropriate within-PSU sampling ratio. The geographic sorting of the sample units reduces field representative travel costs. Prior to interviewing, special listing procedures are used to locate the particular sample addresses in the group-quarters and area blocks.

Units in the three strata described above all existed at the time of Census 2000. Through a series of additional procedures, a sample of building permits is included in the CPS to represent housing units built after the decennial census. Adding these newly built units keeps the sample up to date and representative of the population. It also helps to keep the sample size stable: Over the life of the sample, the addition of newly built housing units compensates for the loss of "old" units that may be abandoned, demolished, or converted to nonresidential use.

Rotation of sample. Part of the sample is changed each month. Each monthly sample is divided into eight representative subsamples or rotation groups. A given rotation group is interviewed for a total of 8 months, divided into two equal periods. It is in the sample for 4 consecutive months, leaves the sample during the following 8 months, and then returns

Table 1-A. Characteristics of the CPS sample, 1947 to present

Period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	1,330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	2,333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989	729	53,200	2,600	11,500
Apr. 1989 to Oct. 1994 ³	729	57,400	2,600	11,800
Nov. 1994 to Aug. 1995 ⁴	792	54,500	3,500	10,000
Sept. 1995 to Dec. 1995	792	52,900	3,400	9,700
Jan. 1996 to June 2001	754	46,250	3,750	10,000
July 2001 to July 2004 ⁵	754	55,500	4,500	12,000
Aug. 2004 to present ⁵	824	55,500	4,500	12,000

¹ Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

² Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

³ The sample was increased incrementally during the 8-month period, April-November 1989.

⁴ Includes 2,000 additional assigned housing units from Georgia and Virginia that were gradually phased in during the 10-month period, October 1994-August 1995.

⁵ Includes 12,000 assigned housing units in support of the State Children's Health Insurance Program.

for another 4 consecutive months. In each monthly sample, one of the eight rotation groups is in the first month of enumeration, another rotation group is in the second month, and so on. Under this system, 75 percent of the sample is common from month to month, and 50 percent is common from year to year for the same month. This procedure provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus providing better estimates of change and reducing discontinuities in the data series without burdening any specific group of households with an unduly long period of inquiry.

CPS sample, 1947 to present. Table 1-A provides a description of some aspects of the CPS sample designs in use since 1947. A more detailed account of the history of the CPS sample design appears in chapter 2 of "The Current Population Survey: Design and Methodology," Technical Paper 63RV, (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at www.bls.census.gov/cps/tp/tp63.htm. A description of the Census 2000-based sample design appears in "Redesign of the Sample for the Current Population Survey," in the December 2004 issue of this publication.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person repre-

sents. Since 1985, most sample persons within the same State have had the same probability of selection. Some selection probabilities may differ within a State due to the sample design or for operational reasons. Field subsampling, for example, which is carried out when areas selected for the sample are found to contain many more households than expected, may cause probabilities of selection to differ for some sample areas within a State. Through a series of estimation steps (outlined below), the selection probabilities are adjusted for noninterviews and survey undercoverage; data from previous months are incorporated into the estimates through the composite estimation procedure.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA." Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of sample households not interviewed varies from 7 to 8 percent, depending on weather, vacation, etc.

2. Ratio estimates. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and State of residence. Because these characteristics are closely correlated with labor force participation

and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment, as follows:

a. First-stage ratio estimation. The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the Nation. This adjustment is made to the CPS weights in two race cells: Black and nonblack; it is applied only to PSUs that are not self-representing and for those States that have a substantial number of black households. The procedure corrects for differences that existed in each State cell at the time of Census 2000 between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs. (Both 1 and 2 exclude self-representing PSUs.)

b. National coverage adjustment. The purpose of this step is to improve the adjustment for subpopulations most prone to undercoverage. It adjusts CPS sample weights to independent population estimates for 34 white non-Hispanic, 26 black non-Hispanic, 18 Asian non-Hispanic, 18 residual race non-Hispanic, 26 white Hispanic, and 4 non-white Hispanic age-sex cells.

c. State coverage adjustment. This step adjusts CPS sample weights to independent state population estimates. The number of age-sex cells for each state varies, depending on the black and nonblack population.

d. Second-stage ratio estimation. This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. A national-coverage step and a State-coverage step make preliminary corrections for undercoverage. The CPS sample weights are then adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used in different steps of the procedure:

1) *State step:* Civilian noninstitutional population controls for 6 age-sex cells in the Los Angeles-Long Beach metropolitan area, the balance of California, New York City, the balance of New York State, each of the other 48 States, and the District of Columbia.

2) *Ethnicity step:* National civilian noninstitutional population controls for 26 Hispanic and 26 non-Hispanic age-sex cells.

3) *Race step:* National civilian noninstitutional population controls for 34 white, 26 black, and 26 Asian-plus-residual-race age-sex cells.

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 2000. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces

personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Prior to January 2003, the projections were based on earlier censuses. See "Revisions to the Current Population Survey Effective in January 2003," in the February 2003 issue of this publication for a detailed discussion of changes to the second-stage weighting and composite estimating procedures that were introduced in January 2003.

3. Composite estimation procedure. The last step in the preparation of most CPS estimates makes use of a composite estimation procedure. The composite estimate consists of a weighted average of two factors: The two-stage ratio estimate based on the entire sample from the current month and the composite estimate for the previous month, plus an estimate of the month-to-month change based on the six rotation groups common to both months. In addition, a bias adjustment term is added to the weighted average to account for relative bias associated with month-in-sample estimates. This month-in-sample bias is exhibited by unemployment estimates for persons in their first and fifth months in the CPS being generally higher than estimates obtained for the other months.

The composite estimate results in a reduction in the sampling error beyond that which is achieved after the two stages of ratio adjustment. For some items, the reduction is substantial. The resultant gains in reliability are greatest in estimates of month-to-month change, although gains usually are also obtained for estimates of level in a given month, change from year to year, and change over other intervals of time.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

Reliability of the estimates

An estimate based on a sample survey has two types of error sampling error and nonsampling error. The estimated standard errors provided in this publication are approximations of the true sampling errors. They incorporate the effect of some nonsampling errors in response and enumeration, but do not account for any systematic biases in the data.

Nonsampling error. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS. The effect of nonsampling error is small on estimates of relative change, such as month-to-month change; estimates of monthly levels tend to be affected to a greater degree.

Nonsampling errors in surveys can be attributed to many sources, for example, the inability to obtain information about all persons in the sample; differences in the interpretation of questions; inability or unwillingness of respondents to pro-

vide correct information; inability of respondents to recall information; errors made in collecting and processing the data; errors made in estimating values for missing data; and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey are studied by means of a reinterview program. This program is used to estimate various sources of error, as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program may be found in Appendix G, "Reinterview: Design and Methodology," of "The Current Population Survey: Design and Methodology," Technical Paper 63RV (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at www.bls.census.gov/cps/tp/tp63.htm.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, because the level of the estimates varies by rotation group. A description appears in Barbara A. Bailar, "The Effects of Rotation Group Bias on Estimates from Panel Surveys," *Journal of the American Statistical Association*, March 1975, pp. 23-30.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. The CPS covers about 92 percent of the decennial census population (adjusted for census undercount). It is known that the CPS undercoverage varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women and is larger for blacks, Hispanics, and other races than for whites. Ratio adjustment to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have characteristics different from those of interviewed persons in the same age-sex-race-origin group.

Additional information on nonsampling error in the CPS appears in Camilla Brooks and Barbara Bailar, "An Error Profile: Employment as Measured by the Current Population Survey," Statistical Policy Working Paper 3 (Washington, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards, September 1978); Marvin Thompson and Gary Shapiro, "The Current Population Survey: An Overview," *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and "The Current Population Survey: Design and Methodology," Technical Paper 63RV referenced above. The last document includes a comprehensive discussion of various sources of errors and describes attempts to measure them in the CPS.

Sampling error. When a sample, rather than the entire population, is surveyed, estimates differ from the true population values that they represent. This difference, or sampling error, occurs by chance, and its variability is measured by the standard error of the estimate. Sample estimates from a given survey design are unbiased when an average of the estimates from all possible samples would yield, hypothetically, the true population value. In this case, the sample estimate and its standard error can be used to construct approximate confidence intervals, or ranges of values that include the true population value with known probabilities. If the process of selecting a sample from the population were repeated many times, an estimate made from each sample, and a suitable estimate of its standard error calculated for each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.

2. Approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the true population value.

3. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the true population value.

These confidence interval statements are approximately true for the CPS. Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are believed to be small. Methods for estimating standard errors reflect not only sampling errors but also some kinds of nonsampling error. Although both the estimates and the estimated standard errors depart from the theoretical ideal, the departures are minor and have little impact on the confidence interval statements. When clarity is needed, an estimated confidence interval is specified to be "approximate," as is the estimated standard error used in the computation.

Tables 1-B through 1-D are provided so that approximate standard errors of estimates can be easily obtained. Tables 1-B and 1-C give approximate standard errors for estimated monthly levels and rates for selected employment status characteristics; the tables also provide approximate standard errors for consecutive month-to-month changes in the estimates. It is impractical to show approximate standard errors for all CPS estimates in this publication, so table 1-D provides parameters and factors that allow the user to calculate approximate standard errors for a wide range of estimated levels, rates, and percentages, and also changes over time. The parameters and factors are used in formulas that are commonly called *generalized variance functions*.

The approximate standard errors provided in this publication are based on the sample design and estimation procedures as of 1996, and reflect the population levels and sample size as of that year. Standard errors for years prior to 1996 may be roughly approximated by applying these adjustments to the standard errors presented here. (More accurate stan-

Table 1-B. **Approximate standard errors for major employment status categories**
(In thousands)

Characteristic	Monthly level	Consecutive month-to-month change
Total		
Total, 16 years and over:		
Civilian labor force	300	246
Employed	323	265
Unemployed	155	172
Men, 20 years and over:		
Civilian labor force	162	133
Employed	185	152
Unemployed	104	115
Women, 20 years and over:		
Civilian labor force	207	170
Employed	217	178
Unemployed	92	102
Both sexes, 16 to 19 years:		
Civilian labor force	145	142
Employed	132	130
Unemployed	61	75
Black or African American		
Total, 16 years and over:		
Civilian labor force	125	102
Employed	134	110
Unemployed	74	82
Men, 20 years and over:		
Civilian labor force	76	63
Employed	83	68
Unemployed	48	53
Women, 20 years and over:		
Civilian labor force	79	65
Employed	85	70
Unemployed	46	52
Both sexes, 16 to 19 years:		
Civilian labor force	41	40
Employed	37	36
Unemployed	27	34
Asian		
Total, 16 years and over:		
Civilian labor force	80	66
Employed	82	67
Unemployed	29	33
Hispanic or Latino ethnicity		
Total, 16 years and over:		
Civilian labor force	119	97
Employed	129	105
Unemployed	66	73

standard error estimates for historical CPS data may be found in previous issues of this publication.)

1. For the years 1967 through 1995, multiply the standard errors by 0.96.
2. For the years 1956 through 1966, multiply the standard errors by 1.17.
3. For years prior to 1956, multiply the standard errors by 1.44.

Use of tables 1-B and 1-C. These tables provide a quick reference for standard errors of major characteristics. Table 1-B gives approximate standard errors for estimates of monthly levels and consecutive month-to-month changes in levels for major employment status categories. Table 1-C gives approximate standard errors for estimates of monthly

unemployment rates and consecutive month-to-month changes in unemployment rates for some demographic, occupational, and industrial categories. For characteristics not given in tables 1-B and 1-C, refer to table 1-D.

Illustration. Suppose that, for a given month, the number of women age 20 years and over in the civilian labor force is estimated to be 65,000,000. For this characteristic, the approximate standard error of 207,000 is given in table 1-B in the row “Women, 20 years and over; Civilian labor force.” To calculate an approximate 90-percent confidence interval, multiply the standard error of 207,000 by the factor 1.645 to obtain 341,000. This number is subtracted from and then added to 65,000,000 to obtain an approximate 90-percent confidence interval: 64,659,000 to 65,341,000. Concluding that the true civilian labor force level lies within an interval calculated in this way would be correct for roughly 90 percent of all possible samples that could have been selected for the CPS.

Use of table 1-D. This table gives *a* and *b* parameters that can be used with formulas to calculate approximate monthly standard errors for a wide range of estimated levels, proportions, and rates. Factors are provided to convert monthly measures into approximate standard errors of estimates for other periods (quarterly and yearly averages) and approximate standard errors for changes over time (consecutive monthly changes, changes in consecutive quarterly and yearly averages, and changes in monthly estimates 1 year apart).

The standard errors for estimated changes in level from one month to the next, one year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Likewise, the standard errors for changes in rates (or percentages) depend more on the monthly rates (or percentages) than on the size of the changes. Accordingly, the factors presented in table 1-D are applied to the monthly standard error approximations for levels, percentages, or rates; the magnitudes of the changes do not come into play. Factors are not given for estimated changes between nonconsecutive months (except for changes of monthly estimates 1 year apart); however, the standard errors may be

Table 1-C. **Approximate standard errors for unemployment rates by major characteristics**
(In percent)

Characteristic	Monthly rate	Consecutive month-to-month change
Total	0.10	0.12
Men .....	.14	.16
Men, 20 years and over .....	.14	.15
Women .....	.14	.16
Women, 20 years and over .....	.14	.16
Both sexes, 16 to 19 years .....	.78	.97
White .....	.11	.12
Black or African American .....	.44	.49
Asian .....	.46	.51
Hispanic or Latino ethnicity .....	.34	.38
Married men, spouse present .....	.14	.15
Married women, spouse present .....	.16	.18
Women who maintain families .....	.46	.52

assumed to be higher than the standard errors for consecutive monthly changes.

$$se(x) = \sqrt{ax^2 + bx}$$

Standard errors of estimated levels using table 1-D. The approximate standard error $se(x)$ of x , an estimated monthly level, can be obtained using the formula below, where a and b are the parameters from table 1-D associated with a particular characteristic.

Illustration. Assume that, in a given a month, there are an estimated 4 million unemployed men. Obtain the appropriate a and b parameters from table 1-D (Total or white; Men; Unemployed). Use the formula for $se(x)$ to compute an approximate standard error on the estimate of $x = 4,000,000$.

$$a = -0.0000321 \quad b = 2970.55$$

$$se(4,000,000) = \sqrt{-0.0000321(4,000,000)^2 + 2970.55(4,000,000)} \approx 107,000$$

Procedure for using table 1-D factors for levels. Table 1-D gives factors that can be used to compute approximate standard errors of levels for other periods or for changes over time. For each characteristic, factors f are given for:

- Consecutive month-to-month changes
- Changes in monthly estimates 1 year apart
- Quarterly averages
- Changes in consecutive quarterly averages
- Yearly averages
- Changes in consecutive yearly averages

For a given characteristic, the table 1-D factor is used in the following formula, which also uses the a and b parameters from the same line of the table. A three-step procedure for using the formula is given. The f in the formula is frequently called an *adjustment factor*, because it appears to adjust a monthly standard error $se(x)$. However, the x in the formula is not a monthly level, but an average of several monthly levels (see examples listed under Step 1, below).

$$se(x, f) = f * se(x) = f * \sqrt{ax^2 + bx}$$

where x is an average of monthly levels over a designated period.

Step 1. Average monthly levels appropriately in order to obtain x . Levels for 3 months are averaged for quarterly averages, and those for 12 months are averaged for yearly averages. For changes in consecutive averages, average over the 2 months, 2 quarters, or 2 years involved. For changes in monthly estimates 1 year apart, average the 2 months involved.

Step 2. Calculate an approximate standard error $se(x)$, treating the average x from step 1 as if it were an estimate of level for a single month. Obtain parameters a and b from table 1-D. (Note that, for some characteristics, an approximate standard error of level could instead be obtained from table 1-B and used in place of $se(x)$ in the formula.)

Step 3. Determine the standard error $se(x, f)$ on the average level or on the change in level. Multiply the result from step 2 by the appropriate factor f . The a and b parameters used in step 2 and the factor f used in this step come from the same line in table 1-D.

Illustration of a standard error computation for consecutive month change in level. Continuing the previous example, suppose that in the next month the estimated number of unemployed men increases by 150,000, from 4,000,000 to 4,150,000.

Step 1. The average of the two monthly levels is $x = 4,075,000$.

Step 2. Apply the a and b parameters from table 1-D (Total or white; Men; Unemployed) to the average x , treating it like an estimate for a single month.

$$a = -0.0000321 \quad b = 2970.55$$

$$se(4,075,000) = \sqrt{-0.0000321(4,075,000)^2 + 2970.55(4,075,000)} \approx 108,000$$

Step 3. Obtain $f = 1.11$ from the same row of table 1-D in the column "Consecutive month-to-month change," and multiply the factor by the result from step 2.

$$se(150,000) = f * se(4,075,000) = 1.11 * 108,000 \approx 120,000$$

For an approximate 90-percent confidence interval, compute $1.645 * 120,000 \approx 197,000$. Subtract the number from and add the number to 150,000 to obtain an interval of -47,000 to 347,000. This is an approximate 90-percent confidence interval for the true change, and since this interval includes zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. The result also can be expressed by saying that the apparent change of 150,000 is not significant at a 90-percent confidence level.

Illustration of a standard error computation for quarterly average level. Suppose that an approximate standard error is desired for a quarterly average of the black or African American employment level. Suppose that the estimated employment levels for the 3 months making up the quarter are 14,900,000, 15,000,000, and 15,100,000.

Step 1. The average of the three monthly levels is $x = 15,000,000$.

Step 2. Apply the a and b parameters from table 1-D (Black; Total; Civilian labor force, employed, and not in labor force) to the average x , treating it like an estimate for a single month.

$$a = -0.0001514 \quad b = 3454.72$$

$$se(15,000,000) = \sqrt{-0.0001514(15,000,000)^2 + 3454.72(15,000,000)} \approx 133,000$$

Step 3. Obtain $f = .87$ from the same row of table 1-D in the column “Quarterly averages,” and multiply the factor by the result from step 2.

$$se(15,000,000) = .87 * 133,000 \approx 116,000$$

Illustration of a standard error computation for change in quarterly level. Continuing the example, suppose that, in the next quarter, the estimated average employment level for blacks is 15,400,000, based on monthly levels of 15,300,000, 15,400,000, and 15,500,000. This is an estimated increase of 400,000 over the previous quarter.

Step 1. The average of the two quarterly levels is $x = 15,200,000$.

Step 2. Apply the a and b parameters from table 1-D (Black; Total; Civilian labor force, employed, and not in labor force) to the average x , treating it like an estimate for a single month.

$$a = -0.0001514 \quad b = 3454.72$$

$$se(15,200,000) = \sqrt{-0.0001514 (15,200,000)^2 + 3454.72(15,200,000)} \approx 132,000$$

Step 3. Obtain $f = .82$ from the same row of table 1-D in the column “Change in consecutive quarterly averages,” and multiply the factor by the result from step 2.

$$se(400,000) = .82 * se(15,200,000) = .82 * 132,000 \approx 108,000$$

For an approximate 95-percent confidence interval, compute $1.96 * 108,000 \approx 212,000$. Subtract the number from and add the number to 400,000 to obtain an interval of 188,000 to 612,000. The interval excludes zero. Another way of stating this is to observe that the estimated change of 400,000 clearly exceeds 1.96 standard errors, or 212,000. One can conclude from these data that the change in quarterly averages is significant at a 95-percent confidence level.

Standard errors of estimated rates and percentages using table 1-D. As shown in the formula below, the approximate standard error $se(p, y)$ of an estimated rate or percentage p depends, in part, upon the number of persons y in its base or denominator. Generally, rates and percentages are not published unless the monthly base is greater than 75,000 persons, the quarterly average base is greater than 60,000 persons, or the yearly average base is greater than 35,000 persons. The b parameter is obtained from table 1-D. When the base y and the numerator of p are from different categories within the table, use the b parameter from table 1-D relevant to the numerator of the rate or percentage.

$$se(p, y) = \sqrt{\frac{b}{y} p(100 - p)}$$

Note that $se(p, y)$ is in percent.

Illustration. For a given month, suppose $y = 6,200,000$ women 20 to 24 years of age are estimated to be employed. Of this total, 2,000,000, or $p = 32$ percent, are classified as part-time workers. Obtain the parameter $b = 3095.55$ from the table 1-D row (Employment; Part-time workers) that is relevant to the numerator of the percentage. Apply the formula to obtain:

$$se(p, y) = \sqrt{\frac{3095.55}{6,200,000} ((32)(100 - 32))} \approx 1.0 \text{ percent}$$

For an approximate 95-percent confidence interval, compute $1.96 * 1.0$ percent, and round the result to 2 percent. Subtract this from and add this to the estimate of $p = 32$ percent to obtain an interval of 30 percent to 34 percent.

Procedure for using table 1-D factors for rates and percentages. Table 1-D factors can be used to compute approximate standard errors on rates and percentages for other periods or for changes over time. As for levels, there are three steps in the procedure for using the formula.

$$se(p, y, f) = f * se(p, y) = f * \sqrt{\frac{b}{y} p(100 - p)}$$

where p and y are averages of monthly estimates over a designated period. Note that $se(p, y, f)$ is in percent.

Step 1. Appropriately average estimates of monthly rates or percentages to obtain p , and also average estimates of monthly levels to obtain y . Rates for 3 months are averaged for quarterly averages, and those for 12 months are averaged for yearly averages. For changes in consecutive averages, average over the 2 months, 2 quarters, or 2 years involved. For changes in monthly estimates 1 year apart, average the 2 months involved.

Step 2. Calculate an approximate standard error $se(p, y)$, treating the averages p and y from step 1 as if they were estimates for a single month. Obtain the b parameter from the table 1-D row that describes the numerator of the rate or percentage. (Note that, for some characteristics, an approximate standard error could instead be obtained from table 1-C and used in place of $se(p, y)$ in the formula.)

Step 3. Determine the standard error $se(p, y, f)$ on the average level or on the change in level. Multiply the result from step 2 by the appropriate factor f . The b parameter used in step 2 and the factor f used in this step come from the same line in table 1-D.

Illustration of a standard error computation for consecutive month change in percentage. Continuing the previous example, suppose that, in the next month, 6,300,000 women 20 to 24 years of age are reported employed, and that 2,150,000, or 34 percent, are part-time workers.

Step 1. The month-to-month change is 2 percent = 34 percent - 32 percent. The average of the two monthly percentages of 32 percent and 34 percent is needed ($p = 33$ percent), as is the average of the two bases of 6,200,000 and 6,300,000 ($y = 6,250,000$).

Step 2. Apply the $b = 3095.55$ parameter from table 1-D (Employment; Part-time workers) to the averaged p and y , treating the averages like estimates for a single month.

$$se(p, y) = \sqrt{\frac{3095.55}{6,250,000}((33)(100 - 33))} \approx 1.0 \text{ percent}$$

Step 3. Obtain $f = 1.24$ from the same row of table 1-D in the column "Consecutive month-to-month change," and multiply the factor by the result from step 2.

$$se(2 \text{ percent}) = 1.24 * 1.0 \text{ percent} = 1.24 \text{ percent}$$

For an approximate 95-percent confidence interval, compute $1.96 * 1.24$ percent, and round the result to 2.4 percent. Subtract this from and add this to the 2-percent estimate of change to obtain an interval of -0.4 percent to 4.4 percent. Because this interval includes zero, it can be concluded at a 95-percent confidence level that the change is not significant.

Table 1-D. Parameters and factors for computation of approximate standard errors

Characteristic	Parameters		Factors					
	a	b	Consecutive month-to-month change	Year-to-year change of monthly estimates	Quarterly averages	Change in consecutive quarterly averages	Yearly averages	Change in consecutive yearly averages
Total or white								
Total:								
Civilian labor force and employed	-0.0000167	3067.77	0.82	1.19	0.87	0.82	0.66	0.79
Unemployed	-0.0000164	3095.55	1.11	1.35	.74	.91	.44	.59
Not in labor force	-0.0000087	1833.31	.82	1.16	.87	.80	.66	.79
Men:								
Civilian labor force, employed, and not in labor force	-0.0000321	2970.55	.82	1.19	.87	.82	.66	.79
Unemployed	-0.0000321	2970.55	1.11	1.35	.74	.91	.44	.59
Women:								
Civilian labor force, employed, and not in labor force	-0.0000304	2782.44	.82	1.19	.87	.82	.66	.79
Unemployed	-0.0000304	2782.44	1.11	1.35	.74	.91	.44	.59
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force	-0.0000225	3095.55	.98	1.31	.82	.85	.57	.73
Unemployed	-0.0000225	3095.55	1.24	1.39	.68	.88	.39	.52
Black or African American								
Total:								
Civilian labor force, employed, and not in labor force	-0.0001514	3454.72	.82	1.19	.87	.82	.66	.79
Unemployed	-0.0001514	3454.72	1.11	1.35	.74	.91	.44	.59
Men:								
Civilian labor force, employed, and not in labor force	-0.0003109	3356.66	.82	1.17	.83	.81	.62	.75
Unemployed	-0.0003109	3356.66	1.11	1.35	.74	.91	.44	.59
Women:								
Civilian labor force, employed, and not in labor force	-0.0002516	3061.85	.82	1.18	.86	.78	.67	.80
Unemployed	-0.0002516	3061.85	1.11	1.35	.74	.91	.44	.59
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force	-0.0016321	3454.72	.98	1.31	.80	.90	.53	.68
Unemployed	-0.0016321	3454.72	1.24	1.39	.68	.88	.39	.52
Asian								
Total:								
Civilian labor force, employed, and not in labor force	-0.0003462	3198.15	.82	1.27	.85	.89	.58	.74
Unemployed	-0.0003462	3198.15	1.11	1.48	.73	.90	.44	.58
Men:								
Civilian labor force, employed, and not in labor force	-0.0007289	3198.15	.82	1.28	.83	.92	.55	.71
Unemployed	-0.0007289	3198.15	1.11	1.42	.73	.92	.43	.56
Women:								
Civilian labor force, employed, and not in labor force	-0.0006594	3198.15	.82	1.31	.85	.86	.61	.77
Unemployed	-0.0006594	3198.15	1.11	1.49	.73	.89	.43	.59
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force	-0.0041465	3198.15	.98	1.31	.82	.85	.57	.73
Unemployed	-0.0041465	3198.15	1.24	1.38	.69	.85	.44	.56
Hispanic or Latino ethnicity								
Total:								
Civilian labor force, employed, and not in labor force	-0.0001412	3454.72	.82	1.19	.85	.81	.64	.77
Unemployed	-0.0001412	3454.72	1.11	1.35	.73	.91	.44	.59
Men:								
Civilian labor force, employed, and not in labor force	-0.0002528	3356.66	.82	1.19	.82	.86	.57	.72
Unemployed	-0.0002528	3356.66	1.11	1.35	.74	.91	.44	.59

Table 1-D. Parameters and factors for computation of approximate standard errors—Continued

Characteristic	Parameters		Factors					
	<i>a</i>	<i>b</i>	Consecutive month-to-month change	Year-to-year change of monthly estimates	Quarterly averages	Change in consecutive quarterly averages	Yearly averages	Change in consecutive yearly averages
Hispanic or Latino ethnicity—Continued								
Women:								
Civilian labor force, employed, and not in labor force	-.0002664	3061.85	.82	1.19	.85	.80	.67	.80
Unemployed	-.0002664	3061.85	1.11	1.35	.72	.89	.42	.57
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force	-.0015280	3454.72	.98	1.32	.79	.88	.50	.68
Unemployed	-.0015280	3454.72	1.24	1.39	.68	.88	.39	.52
Employment								
Educational attainment	-0.0000164	3095.55	.82	1.19	.85	.92	.59	.73
Marital status, men	-.0000321	2970.55	.82	1.21	.87	.88	.63	.77
Marital status, women	-.0000304	2782.44	.82	1.06	.88	.86	.65	.78
Women who maintain families	-.0000304	2782.44	.82	1.16	.86	.91	.59	.73
Nonagricultural industries:								
Total	-.0000164	3095.55	.82	1.16	.87	.82	.65	.79
Wage and salary workers ..	-.0000164	3095.55	.82	1.26	.87	.87	.62	.77
Self-employed workers	-.0000164	3095.55	.82	1.14	.86	.94	.56	.73
Unpaid family workers	-.0000164	3095.55	.98	1.30	.79	.94	.46	.65
Full-time workers	-.0000164	3095.55	1.11	1.35	.78	.88	.54	.66
Part-time workers	-.0000164	3095.55	1.24	1.42	.67	.88	.40	.50
Multiple jobholders	-.0000164	3095.55	1.11	1.26	.81	.92	.52	.66
At work								
Total and nonagricultural industries:								
Total	-.0000164	3095.55	.82	1.14	.86	.91	.60	.74
1 to 4 or 5 to 14 hours	-.0000164	3095.55	1.24	1.36	.70	.89	.43	.54
15 to 29 hours	-.0000164	3095.55	1.11	1.35	.74	.86	.47	.62
30 to 34 or 35 to 39 hours .	-.0000164	3095.55	1.24	1.42	.67	.88	.40	.50
1 to 34 or 40 hours	-.0000164	3095.55	1.11	1.28	.78	.83	.55	.68
41 to 48 or 49 to 59 hours .	-.0000164	3095.55	1.24	1.35	.68	.87	.42	.51
35+, 41+, or 60+ hours	-.0000164	3095.55	1.11	1.29	.74	.88	.47	.62
Part time for economic reasons	-.0000164	3095.55	1.21	1.38	.70	.87	.43	.55
Part time for noneconomic reasons	-.0000164	3095.55	1.21	1.29	.75	.86	.50	.60
Unemployment								
Educational attainment	-.0000164	3095.55	1.11	1.30	.72	.83	.46	.59
Marital status, men	-.0000321	2970.55	1.11	1.41	.76	.89	.45	.66
Marital status, women	-.0000304	2782.44	1.11	1.37	.74	.91	.42	.59
Women who maintain families	-.0000304	2782.44	1.11	1.38	.75	.89	.45	.61
Industries and occupations ...	-.0000164	3095.55	1.11	1.37	.73	.89	.45	.60
Full-time workers	-.0000164	3095.55	1.11	1.33	.76	.89	.47	.63
Part-time workers	-.0000164	3095.55	1.24	1.43	.67	.87	.38	.51
Less than 5 weeks	-.0000164	3095.55	1.11	1.30	.72	.83	.46	.59
5 to 14 weeks	-.0000164	3095.55	1.24	1.45	.68	.91	.36	.49
15 to 26 weeks	-.0000164	3095.55	1.24	1.45	.69	.90	.38	.54
15+ or 27+ weeks	-.0000164	3095.55	1.11	1.33	.77	.92	.46	.63
All reasons for unemployment, except temporary layoff	-.0000164	3095.55	1.11	1.30	.72	.83	.46	.59
On temporary layoff	-.0000164	3095.55	1.11	1.30	.68	.85	.44	.55
Not in the labor force								
Total	-.0000087	1833.31	.82	1.11	.87	.78	.68	.79
Persons who currently want a job and discouraged workers	-.0000164	3095.55	1.24	1.23	.65	.85	.38	.48

Establishment Data ("B" tables)

DATA COLLECTION

BLS cooperates with State Workforce Agencies in the Current Employment Statistics (CES), or establishment, survey to collect data each month on employment, hours, and earnings from a sample of nonfarm establishments (including government). The sample includes about 160,000 businesses and government agencies covering approximately 400,000 individual worksites. The sample is drawn from a sampling frame of over 8 million unemployment insurance tax accounts. The active CES sample includes approximately one-third of all nonfarm payroll workers. From these data, a large number of employment, hours, and earnings series in considerable industry and geographic detail are prepared and published each month. Historical statistics are available at <http://www.bls.gov/ces/home.htm>.

Each month, BLS and the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. BLS has established a comprehensive program of new sample unit solicitation in the three BLS regional data collection centers (DCCs). The DCCs perform initial enrollment of each firm via telephone, collect the data for several months via computer assisted telephone interviewing (CATI), and, where possible, transfer respondents to a self-reporting mode such as touchtone data entry (TDE), FAX, or Web. In addition, the DCCs conduct an ongoing program of refusal conversion. Very large firms are often enrolled via personal visit and ongoing reporting is established via electronic data interchange (EDI).

EDI is the most frequently used collection mode (34 percent of respondents), while CATI and TDE are each used by about one-quarter of the respondents. Under EDI, the firm provides an electronic file to BLS each month in a prescribed file format. This file includes data for all of the firms' worksites. The file is received, processed, and edited by the BLS-operated EDI Center. Under the TDE system, the respondent uses a touchtone telephone to call a toll-free number and activate an interview session. The questionnaire resides on the computer in the form of prerecorded questions that are read to the respondent. The respondent enters numeric responses by pressing the touchtone phone buttons. Each answer is read back for respondent verification.

CATI and FAX collection through the regional BLS DCCs combined account for most of the remainder of the reports. For establishments that do not use the above methods, data are collected by the State agency using mail, FAX, transcript, magnetic tape, or computer diskette. About 5,200 firms provide data through the World Wide Web.

Chart 1 shows the percentage of the establishments using different data collection methods.

CONCEPTS

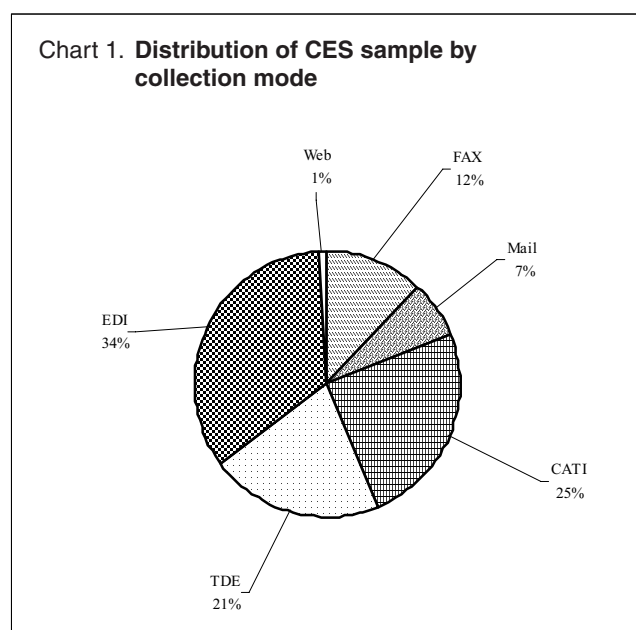
Industrial classification

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 2002 North American Industry Classification System (NAICS), U.S. Office of Management and Budget. The United States, Canada, and Mexico share this classification system, and thus it allows a direct comparison of economic data between the three countries.

Establishments are classified into industries on the basis of their primary activity. Those that use comparable capital equipment, labor, and raw material inputs are classified together. This information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal activity.

Industry employment

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period that includes the 12th day of the month.



The data exclude proprietors, the unincorporated self-employed, unpaid volunteer or family workers, farmworkers, and domestic workers. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence Agency, the Defense Intelligence Agency, the National Geospatial-Intelligence Agency, and the National Security Agency also are excluded.

Persons on establishment payrolls who are on paid sick leave (for cases in which pay is received directly from the firm), on paid holiday, or on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, or on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-providing industries.

Production and related workers. This category includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (for example, power plant), recordkeeping, and other services closely associated with the above production operations.

Construction workers. This group includes the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, and so forth, engaged in new work, alterations, demolition, repair, maintenance, and the like, whether working at the site of construction or in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees. These are employees (not above the working-supervisor level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll. This refers to the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period that includes the 12th day of the month. The payroll is reported before deductions of any kind, such as those for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, and vacation, and for sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (such as retroactive pay); and the value of free rent, fuel, meals, or other payment in kind are excluded. Employee benefits (such as health and other types of insurance, contributions to retirement, and so forth, paid by the employer) also are excluded.

Hours. These are the hours paid for during the pay period that includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours. These are hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period that included the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Indexes of aggregate weekly hours and payrolls. The indexes of aggregate weekly hours are calculated by dividing the current month's aggregate by the average of the 12 monthly figures for 2002. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

The indexes of aggregate weekly payrolls are calculated by dividing the current month's aggregate by the average of the 12 monthly figures for 2002. For basic industries, the payroll aggregates are the product of average hourly earnings and aggregate weekly hours. At all higher levels of industry aggregation, payroll aggregates are the sum of the component aggregates.

Average overtime hours. Overtime hours represent that portion of average weekly hours that exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation their holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Because overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry in which little or no overtime was worked in both the previous and current months.

Average hourly earnings. Average hourly earnings are on a “gross” basis. They reflect not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers’ earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer because the following are excluded: Benefits, irregular bonuses, retroactive items, payroll taxes paid by employers, and earnings for those employees not covered under production worker, construction worker, or nonsupervisory employee definitions.

Average hourly earnings, excluding overtime. Average hourly earnings, excluding overtime-premium pay, are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours. No adjustments are made for other premium payment provisions, such as holiday pay, late-shift premiums, and overtime rates other than time and one-half.

Average weekly earnings. These estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as the proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of average weekly earnings can be affected by structural changes in the makeup of the workforce. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Real earnings. These earnings are in constant dollars and are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). The reference year for these series is 1982.

Indexes of diffusion of employment change. These indexes measure the dispersion of change in employment among industries over the specified timespan. The overall indexes are calculated from 278 seasonally adjusted employment series (4-digit NAICS industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 84 4-digit NAICS industries.

To derive the indexes, each component industry is assigned a value of 0, 50, or 100 percent, depending on whether its employment showed a decrease, no change, or an increase, respectively, over the timespan. The average value (mean) is then calculated, and this percent is the diffusion index number.

The reference point for diffusion analysis is 50 percent, the value indicating that the same number of component industries had increased as had decreased. Index numbers above 50 show that more industries had increasing employment and values below 50 indicate that more had decreasing employment. The margin between the percent that increased and the percent that decreased is equal to the difference between the index and its complement—that is, 100 minus the index. For example, an index of 65 percent means that 30 percent more industries had increasing employment than had decreasing employment ($65 - (100 - 65) = 30$). However, for dispersion analysis, the distance of the index number from the 50-percent reference point is the most significant observation.

Although diffusion indexes commonly are interpreted as showing the percent of components that increased over the timespan, the index reflects half of the unchanged components as well. (This is the effect of assigning a value of 50 percent to the unchanged components when computing the index.)

ESTIMATING METHODS

The Current Employment Statistics (CES) or establishment survey estimates of employment are generated through an annual benchmark and monthly sample link procedure. Annual universe counts or benchmark levels are generated primarily from administrative records on employees covered by unemployment insurance (UI) tax laws. These annual benchmarks, established for March of each year, are projected

forward for each subsequent month based on the trend of the sample employment, using an estimation procedure called the link relative. Benchmarks and sample link relatives are computed for each basic estimating cell and summed to create aggregate-level employment estimates.

Benchmarks

For the establishment survey, annual benchmarks are constructed in order to realign the sample-based employment totals for March of each year with the UI-based population counts for March. These population counts are much less timely than sample-based estimates and are used to provide an annual point-in-time census for employment. For national series, only the March sample-based estimates are replaced with UI counts. For State and metropolitan area series, all available months of UI data are used to replace sample-based estimates. State and area series are based on smaller samples and are therefore more vulnerable to both sampling and nonsampling errors than national estimates.

Population counts are derived from the administrative file of employees covered by UI. All employers covered by UI laws are required to report employment and wage information to the appropriate State Workforce Agency four times a year. Approximately 97 percent of private employment within the scope of the establishment survey is covered by UI. A benchmark for the remaining 3 percent is constructed from alternate sources, primarily records from the Railroad Retirement Board and *County Business Patterns*. The full benchmark developed for March replaces the March sample-based estimate for each basic cell. The monthly sample-based estimates for the year preceding and the year following the benchmark also are than subject to revision.

Monthly estimates for the year preceding the March benchmark are readjusted using a “wedge-back” procedure. The difference between the final benchmark level and the previously published March sample estimate is calculated and spread back across the previous 11 months. The wedge is linear; eleven-twelfths of the March difference is added to the February estimate, ten-twelfths to the January estimate, and so on, back to the previous April estimate, which receives one-twelfth of the March difference. This assumes that the total estimation error since the last benchmark accumulated at a steady rate throughout the current benchmark year.

Estimates for the 7 months following the March benchmark also are recalculated each year. These post-benchmark estimates reflect the application of sample-based monthly changes to new benchmark levels for March and the recomputation of net birth/death model factors for each month.

Following the revision of basic employment estimates, all other derivative series (such as the number of production workers and average hourly earnings) also are recalculated. New seasonal adjustment factors are calculated and all data series for the previous 5 years are re-seasonally adjusted before full publication of all revised data in February of each year.

Changing data ratios for educational services and religious organizations. Due to definitional exclusions in the collection of data for educational services, NAICS 611, and a small sample in religious organizations, NAICS 8131, certain ratios for these series are recalculated with each benchmark to allow for the creation of aggregate totals. Production worker and women worker ratios, average hourly earnings, and average weekly hours are calculated based on the weighted average of the previous year’s professional and technical services, education and health services, leisure and hospitality, and other services supersectors annual averages. The March 2005 values were set based on the 2004 annual averages.

The educational services series uses the nonsupervisory worker ratio, average hourly earnings, and average weekly hours calculated from the weighted average. The religious organizations series uses the production worker and women worker ratios, average hourly earnings, and average weekly hours calculated from the weighted average. In both cases, the ratios, average hourly earnings, and average weekly hours are held constant through the next benchmark.

Monthly estimation

CES uses a matched sample concept and weighted link relative estimator to produce employment, hours, and earnings estimates. These methods are described in table 2-A. A matched sample is defined to be all sample members that have reported data for the reference month and the previous month. Excluded from the matched sample is any sample unit that reports that it is out of business. This aspect of the estimation methodology is more fully described in the section on estimation of business births and deaths below.

Stratification. The sample is stratified into 683 estimation cells for purposes of computing national employment, hours, and earnings estimates. Cells are defined primarily by detailed industry. In the construction supersector, geographic stratification also is used. The estimation cells can be defined at the 3-, 4-, 5-, and 6-digit NAICS levels.

In addition to the estimation cells mentioned above, there are 40 independently estimated cells which do not aggregate to the summary cell levels.

Weighted link-relative technique. The estimator for the all-employee series uses the sample trend in the cell to move the previous level to the current-month estimated level. A model-based component is applied to account for the net employment resulting from business births and deaths not captured by the sample.

The basic formula for estimating all employees is:

$$\hat{AE}_c = \left(\hat{AE}_p \times \frac{\sum_i (w_i \times ae_{c,i})}{\sum_i (w_i \times ae_{p,i})} \right) + (\text{net birth / death estimate}),$$

Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings estimates

Employment, hours, and earnings	Basic estimating cell (industry, 6-digit published level)	Aggregate industry level (supersector and, where stratified, industry)	Annual average data
All employees	All-employee estimate for previous month multiplied by weighted ratio of all employees in current month to all employees in previous month, for sample establishments that reported for both months plus net birth/death model estimate.	Sum of all-employee estimates for component cells.	Sum of monthly estimates divided by 12.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) weighted ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) weighted ratio of women employees to all employees.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.	Sum of monthly estimates divided by 12.
Average weekly hours	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of production worker employment.
Average weekly overtime hours	Production worker overtime hours divided by number of production workers.	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of production worker employment.
Average hourly earnings	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.	Annual total of aggregate payrolls (production or nonsupervisory worker employment multiplied by weekly hours and hourly earnings) divided by annual aggregate hours.
Average weekly earnings	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.	Sum of monthly aggregate payrolls divided by the sum of monthly production workers.

where:

- i = matched sample unit;
- w_i = weight associated with the CES report;
- $ae_{c,i}$ = current-month reported all employees;
- $ae_{p,i}$ = previous-month reported all employees;
- \hat{AE}_c = current-month estimated all employees; and
- \hat{AE}_p = previous-month estimated all employees.

Weighted link and taper technique. The estimator used for all non-all-employee data types accounts for the over-the-month change in the sampled units, but also includes a tapering feature used to keep the estimates close to the overall sample average over time. The taper is considered to be a level correction. This estimator uses matched sample data; it tapers the estimate toward the sample average for the previous month of the current matched sample before applying the current month's change; and it promotes continuity by heavily favoring the estimate

for the previous month when applying the numerical factors.

Current-month estimate of production or nonsupervisory workers (PW) is defined as:

$$\hat{PW}_c = \left(\left(\hat{AE}_c - \sum_j ae_{c,j}^{*(PW)} \right) \times PWRATIO_c \right) + \sum_j pw_{c,j}^*$$

where:

$$PWRATIO_c = \left(\alpha \times PWRATIO_p \right) + \beta \times \frac{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^* \right)}{\left(\sum_i w_i \times ae_{p,i} \right) - \left(\sum_j w_j \times ae_{p,j}^{*(PW)} \right)}$$

$$+ \frac{\left(\left(\sum_i w_i \times pw_{c,i} \right) - \left(\sum_j w_j \times pw_{c,j}^* \right) \right) \left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^* \right) \left(\sum_i w_i \times ae_{c,i} \right) - \left(\sum_j w_j \times ae_{c,j}^{*(PW)} \right) \left(\sum_i w_i \times ae_{p,i} \right) - \left(\sum_j w_j \times ae_{p,j}^{*(PW)} \right) \left(\sum_i w_i \times ae_{c,i} \right)}{\left(\sum_i w_i \times ae_{c,i} \right) - \left(\sum_j w_j \times ae_{c,j}^{*(PW)} \right) \left(\sum_i w_i \times ae_{p,i} \right) - \left(\sum_j w_j \times ae_{p,j}^{*(PW)} \right) \left(\sum_i w_i \times ae_{c,i} \right)}$$

for all $i \in I$ and $j \in J$

Current-month estimate of women employees (WE) is identical to that described for production workers, with the appropriate substitution of women employee values for the production worker values in the previous formulas.

Current-month estimate of average weekly hours (AWH) is defined as:

$$\hat{AWH}_c = \alpha \times \hat{AWH}_p + \beta \times \left(\frac{\left(\frac{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^* \right)}{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^{*(WH)} \right)} \right) \times \left(\hat{PW}_p - \sum_j pw_{p,j}^{*(WH)} \right) + \sum_j wh_{p,j}^*}{\hat{PW}_p} \right) +$$

$$\left(\frac{\left(\frac{\left(\sum_i w_i \times wh_{c,i} \right) - \left(\sum_j w_j \times wh_{c,j}^* \right)}{\left(\sum_i w_i \times pw_{c,i} \right) - \left(\sum_j w_j \times pw_{c,j}^{*(WH)} \right)} \right) \times \left(\hat{PW}_c - \sum_j pw_{c,j}^{*(WH)} \right) + \sum_j wh_{c,j}^*}{\hat{PW}_c} \right) - \left(\frac{\left(\frac{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^* \right)}{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^{*(WH)} \right)} \right) \times \left(\hat{PW}_p - \sum_j pw_{p,j}^{*(WH)} \right) + \sum_j wh_{p,j}^*}{\hat{PW}_p} \right)$$

for all $i \in I$ and $j \in J$

Current-month estimate of average hourly earnings (AHE) is defined as:

$$\left(\frac{\left(\frac{\left(\sum_i w_i \times pr_{c,i} \right) - \left(\sum_j w_j \times pr_{c,j}^* \right)}{\left(\sum_i w_i \times wh_{c,i} \right) - \left(\sum_j w_j \times wh_{c,j}^{*(PR)} \right)} \right) \times \left(\hat{WH}_c - \sum_j wh_{c,j}^{*(PR)} \right) + \sum_j pr_{c,j}^*}{\hat{WH}_c} \right) - \left(\frac{\left(\frac{\left(\sum_i w_i \times pr_{p,i} \right) - \left(\sum_j w_j \times pr_{p,j}^* \right)}{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^{*(PR)} \right)} \right) \times \left(\hat{WH}_p - \sum_j wh_{p,j}^{*(PR)} \right) + \sum_j pr_{p,j}^*}{\hat{WH}_p} \right)$$

for all $i \in I$ and $j \in J$

where:

- i = a matched CES report;
- I = the set of all matched CES reports;
- j = a matched CES report where the current month is atypical;
- J = the set of all matched CES reports where the current month is atypical (NOTE: J is a subset of I);
- w_i = weight associated with the CES report;
- $PW_{c,i}$ = current-month reported production workers;
- $PW_{p,i}$ = previous-month reported production workers;
- $PW^*_{c,j}$ = current-month reported production workers, atypical record;
- $PW^*_{p,j}$ = previous-month reported production workers, atypical record;
- $PW^{*(WH)}_{c,j}$ = current-month reported production workers, atypical weekly hours (WH) record;
- $PW^{*(WH)}_{p,j}$ = previous-month reported production workers, atypical weekly hours (WH) record;
- $\hat{PW}_{c,i}$ = current-month estimated production workers;
- $\hat{PW}_{p,i}$ = previous-month estimated production workers;
- $wh_{c,i}$ = current-month reported weekly hours;
- $wh_{p,i}$ = previous-month reported weekly hours;
- $wh^*_{c,j}$ = current-month reported weekly hours, atypical record;
- $wh^*_{p,j}$ = previous-month reported weekly hours, atypical record;
- $wh^{*(PR)}_{c,j}$ = current-month reported weekly hours, atypical payroll (PR) record;
- $wh^{*(PR)}_{p,j}$ = previous-month reported weekly hours, atypical payroll (PR) record;
- $\hat{WH}_{c,i}$ = current-month estimated weekly hours;

- $\hat{WH}_{p,i}$ = previous-month estimated weekly hours;
- $\hat{AWH}_{c,i}$ = current-month estimated average weekly hours;
- $\hat{AWH}_{p,i}$ = previous-month estimated average weekly hours;
- $pr_{c,i}$ = current-month reported weekly payroll;
- $pr_{p,i}$ = previous-month reported weekly payroll;
- $pr^*_{c,j}$ = current-month reported weekly payroll, atypical record;
- $pr^*_{p,j}$ = previous-month reported weekly payroll, atypical record;
- $\hat{AHE}_{c,i}$ = current-month estimated average hourly earnings; and
- $\hat{AHE}_{p,i}$ = previous-month estimated average hourly earnings.

Current-month estimate of overtime hours (OT) is identical to that described for weekly hours, with the appropriate substitution of overtime hours values for the weekly hours values in the previous formula.

Business birth and death estimation. In a dynamic economy, firms are continually opening and closing. These two occurrences offset each other to some extent. That is, firms that are born replace firms that die. CES uses this fact to account for a large proportion of the employment associated with business births. This is accomplished by excluding such business death units from the matched sample definition. Effectively, business deaths are not included in the sample-based link portion of the estimate, and the implicit imputation of their previous month's employment is assumed to offset a portion of the employment associated with births.

There is an operational advantage associated with this approach as well. Most firms will not report that they have gone out of business; rather, they simply cease reporting and are excluded from the link, as are all other nonrespondents. As a result, extensive follow-up with monthly nonrespondents to determine whether a company is out of business or simply did not respond is not required.

Employment associated with business births will not exactly equal that associated with business deaths. The amount by which it differs varies by month and by industry. As a result, the residual component of the birth/death offset must be accounted for by using a model-based approach.

With any model-based approach, it is desirable to have 5 or more years of history to use in developing the models. Due to the absence of reliable counts of monthly business births and deaths, development of an appropriate birth/death residual series assumed the following form:

$$\text{Birth-death residual} = \text{Population} - \text{Sample-based estimate} + \text{Error}$$

During the net birth/death modeling process, simulated monthly probability estimates over a 5-year period are created and compared with population employment levels. Moving from a simulated benchmark, the differences between the series across time represent a cumulative birth/death component. Those residuals are converted to month-to-month differences and used as input series to the modeling process.

Models are fit using X-12 ARIMA (Auto-Regressive Integrated Moving Average). Outliers, level shifts, and temporary ramps are automatically identified. Five models are tested, and the model exhibiting the lowest average forecast error is selected for each series. Table 2-B shows the net birth/death model figures for the post-benchmark period of April 2005 to October 2005 by supersector.

Residential and nonresidential specialty trade contractors estimates. Residential and nonresidential specialty trade contractors estimates are produced as breakouts in specialty trade contractors (NAICS 238) under the standard NAICS coding structure. Benchmarks for these series are developed from the QCEW data and independent estimates for these series are made on a monthly basis and raked to the estimates produced under the standard structure to ensure that the sum of the residential specialty trade contractors and nonresidential specialty trade contractors series is consistent with the published total for specialty trade contractors at the 3-digit NAICS level.

The raking adjustment follows the following methodology: Estimates are derived independently for the residential and nonresidential groups at the 4-digit NAICS level for each region. The regional estimates are rounded and summed to the 4-digit NAICS level for both the residential and nonresidential groups. Within each 4-digit NAICS series, ratios of residential-to-total employment and nonresidential-to-total employment are calculated.

At the 4-digit NAICS level, the sum of the residential/nonresidential series is subtracted from the official industry-region cell structure total to determine the amount that must be raked. The total amount that must be raked then is multiplied by the ratios to determine what percentage of the raked amount should be applied to the residential group and what percentage should be applied to the nonresidential group.

Once the residential and nonresidential groups receive their proportional amount of raked employment, the two groups are aggregated again to the 4-digit NAICS level. At this point, they are equal to the 4-digit NAICS total derived from the official industry-region cell structure. This raking process also forces additivity at the 3-digit NAICS level.

No estimates of hours and earnings are made for the residential and nonresidential series.

THE SAMPLE

Design

The CES sample is a stratified, simple random sample of worksites, clustered by UI account number. The UI account number is a major identifier on the BLS longitudinal database of employer records, which serves as both the sampling frame and the benchmark source for the CES employment estimates. The sample strata, or subpopulations, are defined by State, industry, and employment size, yielding a State-based design. The sampling rates for each stratum are determined through a method known as optimum allocation,

Table 2-B. Net birth/death estimates for private nonfarm industries, post-benchmark 2005

(In thousands)

Year and month	Natural re-sources and mining	Con-struction	Manu-facturing	Trade, trans- portation, and utilities	Infor- mation	Financial activities	Profes- sional and business services	Educa- tion and health services	Leisure and hos- pitality	Other services	Total monthly amount con- tributed
2005:											
April	-2	34	1	11	-5	-3	64	21	90	-5	206
May	1	38	8	24	4	2	19	14	75	6	191
June	1	29	8	22	0	5	25	-1	81	6	176
July	1	-11	-21	-22	-6	-9	-15	-11	32	-10	-72
August	1	16	0	23	4	8	23	19	27	4	125
September	1	11	6	20	-2	4	13	19	-25	3	50
October	1	0	-4	14	9	24	35	20	-42	0	57
November	-1	-6	1	14	4	5	4	8	-9	1	21
December	0	-5	2	19	1	13	10	5	15	3	63
Cumulative total	3	106	1	125	9	49	178	94	244	8	817

which distributes a fixed number of sample units across a set of strata to minimize the overall variance, or sampling error, on the primary estimate of interest. The total nonfarm employment level is the primary estimate of interest, and the CES sample design gives top priority to measuring it as precisely as possible, or, in other words, minimizing the statistical error around the statewide total nonfarm employment estimates.

Frame and sample selection. The longitudinal data base (LDB) is the universe from which BLS draws the CES sample. The LDB contains data on the approximately 8 million U.S. business establishments covered by UI, representing nearly all elements of the U.S. economy. The Quarterly Census of Employment and Wages (QCEW), or ES-202, program collects these data from employers, on a quarterly basis, in cooperation with State workforce agencies. The LDB contains employment and wage information from employers, as well as name, address, and location information. It also contains identification information such as unemployment insurance (UI) account number and reporting unit or worksite number.

The LDB contains records of all employers covered under the unemployment insurance tax system. The system covers 97 percent of all employers in the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands. There are a few sections of the economy that are not covered, including the self-employed, unpaid family workers, railroads, religious organizations, small agricultural employers, and elected officials. Data for employers generally are reported at the worksite level. Employers who have multiple establishments within a State usually report data for each individual establishment. The LDB tracks establishments over time and links them from quarter to quarter.

Permanent random numbers (PRNs) have been assigned to all UI accounts on the sampling frame. As new units appear on the frame, random numbers are assigned to those units as well. As records are linked across time, the PRN is carried forward in the linkage.

The CES sample is stratified by State, industry, and size. Stratification groups population members together for the purpose of sample allocation and selection. The strata, or groups, are composed of homogeneous units. With 13 industries and 8 size classes, there are 104 total allocation cells per State. The sampling rate for each stratum is determined through a method known as optimum allocation. Optimum allocation minimizes variance at a fixed cost or minimizes cost for a fixed variance. Under the CES probability design, a fixed number of sample units for each State is distributed across the allocation strata in such a way as to minimize the overall variance, or sampling error, of the total State employment level. The number of sample units in the CES probability sample was fixed according to available program resources. The optimum allocation formula places more sample in cells for which data cost less

to collect, cells that have more units, and cells that have a larger variance.

During the first quarter of each year, a new sample is drawn from the LDB. Annual sample selection helps keep the CES survey current with respect to employment from business births and business deaths. In addition, the updated universe files provide the most recent information on industry, size, and metropolitan area designation.

After all out-of-scope records are removed, the sampling frame is sorted into allocation cells. Within each allocation cell, units are sorted by metropolitan statistical area (MSA) and by the size of the MSA, defined as the number of UI accounts in that MSA. As the sampling rate is uniform across the entire allocation cell, implicit stratification by MSA ensures that a proportional number of units are sampled from each MSA. Some MSAs may have too few UI accounts in the allocation cell; these MSAs are collapsed and treated as a single MSA. Within each selection cell, the units are sorted by PRN, and units are selected according to the specified sample selection rate. The number of units selected randomly from each selection cell is equal to the product of the sample selection rate and the number of eligible units in the cell, plus any carryover from the prior selection cell. The result is rounded to the nearest whole number. Carryover is defined as the amount that is rounded up or down to the nearest whole number.

As a result of the cost and workload associated with enrolling new sample units, all units remain in the sample for a minimum of 2 years. To insure that all units meet this minimum requirement, BLS has established a “swapping in” procedure. The procedure allows units to be swapped into the sample that were newly selected during the previous sample year and not reselected as part of the current probability sample. The procedure removes a unit within the same selection cell and places the newly selected unit from the previous year back into the sample.

Selection weights. Once the sample is drawn, sample selection weights are calculated based on the number of UI accounts actually selected within each allocation cell. The sample selection weight is approximately equal to the inverse of the probability of selection, or the inverse of the sampling rate. It is computed as:

$$\text{Sample selection weight} = N_h / n_h$$

where:

N_h = the number of noncertainty UI accounts within the allocation cell that are eligible for sample selection; and

n_h = the number of noncertainty UI accounts selected within the allocation cell

Sample Rotation. Sample rotation eases the burden on respondents who have been participating in the survey for an extended time period. A 12-percent rotation is utilized in

Table 2-C. **Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 2005**

Industry	Employment benchmarks (thousands)	Sample coverage			
		Unemployment insurance counts (UI) ¹	Number of establishments ¹	Employees	
				Number (thousands) ²	Percent of employment benchmarks
Total	132,038	142,412	369,162	40,838	31
Natural resources and mining	602	1,257	2,488	163	27
Construction	6,838	12,427	14,021	664	10
Manufacturing	14,200	13,209	19,842	4,268	30
Trade, transportation, and utilities	25,501	³ 25,500	³ 109,982	6,780	27
Information	3,056	2,943	13,111	846	28
Financial activities	8,063	7,858	47,216	1,602	20
Professional and business services .	16,540	35,430	76,278	3,150	19
Education and health services	17,355	15,309	34,601	5,232	30
Leisure and hospitality	12,365	15,844	38,542	2,223	18
Other services	5,372	6,683	10,792	331	6
Government	22,146	23,407	36,978	15,580	70

¹Counts reflect active sample reports. Because not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than are the employment estimates.

²Average employment of reported values for 2005.

³The Surface Transportation Board provides a complete count of employment for Class I railroads plus Amtrak. A small sample is used to estimate hours and earnings data.

selection cells with weights greater than 2.00. Units that rotate out of the sample will not be reselected as part of the sample for 3 years. In an effort to keep units from moving back into the sample after a single year, a “swap out” procedure has been established. The “swap out” procedure removes units from the current sample that had been rotated out of the sample within the last 3 years and replaces them with eligible units from the same selection cell. As a result of sample rotation, approximately 68 percent of the Current Employment Statistics sample for the private industries overlaps from one year to the next.

Frame maintenance and sample updates. Due to the dynamic economy, there is a constant cycle of business births and deaths. A semiannual update is performed during the third quarter of each year. This update selects units from the population of births and other units not previously eligible for selection, and includes them as part of the sample. Updated location, contact, and administrative information is provided for all establishments that were selected in the annual sample selection.

Subsampling. The primary enrollment of new establishments takes place in BLS regional data collection centers (DCCs). After the sample has been sent to the DCCs, interviewers enroll the selected establishments. While the UI account is the sample unit, interviewers attempt to collect the data for all individual establishments within a UI account.

For multiple-worksite UI accounts, it is sometimes necessary to subsample employers. This occurs when:

- the company cannot report for all worksites from a central location;
- the company cannot provide an aggregate report for the entire UI account;
- there are too many individual worksites to make it practical to contact each of them.

With subsampling of a smaller number of worksites, both interviewer workload and respondent burden are reduced without significantly reducing the accuracy of the estimates, but this technique will result in a small increase in variance. In the event that a UI account is subsampled, weight adjustments are made to reflect each of the worksites’ probability of selection.

Coverage

Table 2-C shows the latest benchmark employment levels and the approximate proportion of total universe employment coverage at the total nonfarm and major industry supersector levels. The coverage for individual industries within the supersectors may vary from the proportions shown.

Reliability

The establishment survey, like other sample surveys, is subject to two types of error, sampling and nonsampling error. The magnitude of sampling error, or variance, is directly related to the size of the sample and the percentage of universe coverage achieved by the sample. The establishment survey sample covers over one-third of total universe employment; this yields a very small variance for the total nonfarm estimates. Measurements of error associated with sample estimates are provided in tables 2-D through 2-F.

Table 2-D. **Errors of preliminary employment estimates**

Industry	Root-mean-square error of monthly level ¹	Mean percent revision	
		Actual	Absolute
Total	47,100	0	0
Total private	39,700	0	0
Government	27,600	0	.1
Federal	9,200	.1	.2
Federal, except U.S. Postal Service	8,500	.1	.3
U.S. Postal Service	2,900	0	.2
State government	11,800	0	.2
State government education	12,300	0	.4
State government, excluding education	5,500	0	.2
Local government	21,000	0	.1
Local government education	21,500	0	.2
Local government, excluding education	7,600	0	.1

¹ The root-mean-square error is the square root of the mean squared error. The mean squared error is the square of the difference between the final and preliminary estimates averaged across a series of monthly observations.

NOTE: Errors are based on differences from January 2001 through October 2005.

Benchmark revision as a measure of survey error. The sum of sampling and nonsampling error can be considered total survey error. Unlike most sample surveys which publish sampling error as their only measure of error, the CES can derive an annual approximation of total error, on a lagged basis, because of the availability of the independently derived universe data. While the benchmark error is used as a measure of total error for the CES survey estimate, it actually represents the difference between two independent estimates derived from separate survey processes (specifically, the CES sample process and the UI administrative process) and thus reflects the errors present in each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.2 percent, with an absolute range from less than 0.05 percent to 0.4 percent.

Revisions between preliminary and final data. First preliminary estimates of employment, hours, and earnings, based on less than the total sample, are published immediately following the reference month. Final revised sample-based estimates are published 2 months later when nearly all the reports in the sample have been received. Table 2-D presents the root-mean-square error, the mean percent, and the mean absolute percent revision that may be expected between the preliminary and final employment estimates.

Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 hour for weekly hours and 1 cent for hourly earnings, at the total private nonfarm level,

and may be slightly larger for the more detailed industry groupings.

Variance estimation. The estimation of sample variance for the CES survey is accomplished through use of the method of balanced half samples (BHS). This replication technique uses half samples of the original sample and calculates estimates using those subsamples. The sample variance is calculated by measuring the variability of the subsample estimates. The weighted link estimator is used to calculate both estimates and variances. The sample units in each cell—where a cell is based on State, industry, and size classification—are divided into two random groups. The basic BHS method is applied to both groups. The subdivision of the cells is done systematically, in the same order as the initial sample selection. Weights for units in the half sample are multiplied by a factor of $1 + \gamma$ where weights for units not in the half sample are multiplied by a factor of $1 - \gamma$. Estimates from these subgroups are calculated using the estimation formula described previously.

The formula used to calculate CES variances is as follows:

$$v_k^+ \left(\hat{\theta} \right) = \frac{1}{\gamma^2 k} \sum_{\alpha=1}^k \left(\hat{\theta}_{\alpha}^+ - \hat{\theta} \right)^2,$$

where:

- $\hat{\theta}_{\alpha}^+ = \theta(\hat{Y}_{\alpha}^+, \hat{X}_{\alpha}^+, \dots)$ is the half-sample estimator;
- $\gamma = 1/2$;
- k = number of half-samples; and
- $\hat{\theta}$ = original full-sample estimates.

Appropriate uses of sampling variances. Variance statistics are useful for comparison purposes, but they do have some limitations. Variances reflect the error component of the estimates that is due to surveying only a subset of the population, rather than conducting a complete count of the entire population. However, they do not reflect nonsampling error, such as response errors, and bias due to nonresponse. The overall performance of the CES employment estimates is best measured in terms of the benchmark revisions. The variances of the over-the-month change estimates are very useful in determining when changes are significant at some level of confidence. Variance statistics for first-closing estimates are provided in Table 2-F. In addition, variances for second- and third-closing estimates are available upon request.

Sampling errors. The sampling errors shown for total nonfarm and for total private industries have been calculated for estimates that follow the benchmark employment revision by a period of 16 to 20 months. The errors are presented as median values of the observed error estimates. These estimates have been estimated using the method of balanced half samples with the probability sample data and sample weights assigned at the time of sample selection.

Illustration of the use of table 2-E. Table 2-E provides a reference for relative standard errors of three major series developed from the CES—estimates of the number of all employees (AE), of average weekly hours (AWH), and of average hourly earnings (AHE) within the same industry.

The standard errors of differences between estimates in two non-overlapping industries are calculated as:

$$S \text{ difference} =$$

since the two estimates are independent.

The errors are presented as relative standard errors (standard error divided by the estimate and expressed as a percent). Multiplying the relative standard error by its estimated value gives the estimate of the standard error.

Suppose that the level of all employees for financial activities in a given month is estimated at 7,819,000. The approximate relative standard error of this estimate (0.3 percent) is provided in table 2-E. A 90-percent confidence interval would then be the interval:

$$\begin{aligned} 7,819,000 \text{ +/- } (1.645 * .003 * 7,819,000) \\ = 7,819,000 \text{ +/- } 38,586 \\ = 7,780,414 \text{ to } 7,857,586 \end{aligned}$$

Illustration of the use of table 2-F. Table 2-F provides a reference for the standard errors of 1-, 3-, and 12-month changes in AE, AWH, and AHE. The errors are presented as standard errors of the changes.

Suppose that the over-the-month change in AHE from January to February in coal mining is \$0.11. The standard error for a 1-month change for coal mining from the table is \$0.20. The interval estimate of the over-the-month change in AHE that will include the true over-the-month change with 90-percent confidence is calculated as:

$$\begin{aligned} \$0.11 \text{ +/- } (1.645 * \$0.20) \\ = \$0.11 \text{ +/- } \$0.33 \\ = -\$0.22 \text{ to } \$0.44 \end{aligned}$$

The true value of the over-the-month change is in the interval -\$0.22 to \$0.44. Because this interval includes \$0.00 (no change), the change of \$0.11 shown is not significant at the 90-percent confidence level. Alternatively, the estimated change of \$0.11 does not exceed \$0.33 (1.645 * \$0.20); therefore, one could conclude from these data that the change is not significant at the 90-percent confidence level.

STATISTICS FOR STATES, AREAS, AND DIVISIONS

(Tables B-6, B-12, B-13, B-17, and B-18)

As explained earlier, State agencies in cooperation with BLS collect and prepare State, area, and division employment, hours, and earnings data. These statistics are based on the

same establishment reports used by BLS. However, BLS uses the full CES sample to produce monthly national employment estimates, while each State agency uses its portion of the sample to independently develop a State employment estimate.

The CES area statistics relate to metropolitan areas and divisions. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur.

Estimates for States and areas are produced using two methods. The majority of State and area estimates are produced using direct sample-based estimation. However, published area and industry combinations (domains) that do not have a large enough sample to support estimation using only sample responses are estimated by using a small-domain model.

Small-domain model. The small-domain model consists of a weighted sum of three different relative over-the-month change estimates, \hat{L}_1 , \hat{L}_2 , and \hat{L}_3 . These three relative over-the-month change estimates are then weighted based on the variance of each of the three estimates. The larger the variance of each \hat{L}_k estimate relative to the other \hat{L}_k variances, the smaller the weight. The resulting estimate of current-month employment \hat{Y}_{iat} is defined as:

$$\hat{Y}_{iat} = (W_{iat,1}\hat{L}_{iat,1} + W_{iat,2}\hat{L}_{iat,2} + W_{iat,3}\hat{L}_{iat,3})\hat{Y}_{ia,t-1}$$

where:

\hat{Y}_{iat} = current-month t employment estimate for domain ia defined by the intersection of industry i and area a;

$\hat{L}_{iat,1}$ = current-month relative over-the-month change estimate based on available sample responses for domain ia;

$W_{iat,1}$ = current-month weight assigned to $\hat{L}_{iat,1}$ based on the variances of $\hat{L}_{iat,1}$, $\hat{L}_{iat,2}$, and $\hat{L}_{iat,3}$ (The weights $W_{iat,2}$ and $W_{iat,3}$ are defined similarly.);

$\hat{L}_{iat,2}$ = current-month relative over-the-month change estimate based on time series forecasts using historical universe employment counts for domain ia. (These historical universe employment counts are available from January 1990 to 12 months prior to the current month t.);

$\hat{L}_{iat,3}$ = current-month relative over-the-month change estimate based on a synthetic estimate of the relative change that uses all sample responses in the State that includes area a, for industry i; and

$\hat{Y}_{ia,t-1}$ = previous-month employment estimate for domain ia from the small-domain model.

It is possible that for a given industry i and area a , one or even two of the inputs $\hat{L}_{iat,k}$ to the model are assigned weights of 0. The reasons for assigning a weight of 0 to a model input are due to concerns regarding the stability of the inputs. For example, if $\hat{L}_{iat,1}$ or $\hat{L}_{iat,3}$ has five or fewer responses, then it is assigned a weight of 0. If $\hat{L}_{iat,2}$ exhibits an unstable variance or has an extremely poor model fit, then it may also be assigned a weight of 0. In these cases, the small-domain model estimate may be based on only one or two of the three described inputs.

Sampling errors are not applicable to the estimates made using the small-domain models. The measure available to judge the reliability of these modeled estimates is their performance over past time periods compared with the universe values for those time periods. These measures are useful; however, it is not certain that the past performance of the modeled estimates accurately reflects their current performance.

It should also be noted that extremely small estimates of 2,000 employees or less are potentially subject to large percentage revisions that are caused by occurrences such as the relocation of one or two businesses or a change in the activities of one or two businesses. These are noneconomic

classification changes that relate to the activity or location of businesses and will be present for sample-based estimates as well as the model-based estimates.

Error measures for State and area estimates are available on the BLS Web site at <http://www.bls.gov/sae/790stderr.htm>.

Caution in aggregating State data. The national estimation procedures used by BLS are designed to produce accurate national data by detailed industry; correspondingly, the State estimation procedures are designed to produce accurate data for each individual State. State estimates are not forced to sum to national totals nor vice versa. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause distortion at an aggregate level. This has been a particular problem at turning points in the U.S. economy, when the majority of the individual State errors tend to be in the same direction. Due to these statistical limitations, the Bureau does not compile or publish a “sum-of-States” employment series. Additionally, BLS cautions users that such a series is subject to a relatively large and volatile error structure, particularly at turning points.

Table 2-E. **Relative standard errors for first-closing estimates of employment, hours, and earnings in selected industries** ¹
(Percent)

Industry	Relative standard error		
	All employees	Average weekly hours	Average hourly earnings
Total nonfarm	0.2	(²)	(²)
Total private .....	.2	0.1	0.2
Goods-producing .....	.2	.2	.2
Natural resources and mining	1.4	1.2	1.2
Logging	3.6	3.2	2.3
Mining	1.5	1.3	1.3
Oil and gas extraction	2.4	3.1	4.7
Mining, except oil and gas	1.5	1.1	1.1
Coal mining	2.8	1.9	1.4
Support activities for mining	3.0	2.4	2.6
Construction .....	.6	.3	.4
Construction of buildings	1.2	.7	.7
Residential building	1.8	.9	1.1
Nonresidential building	1.7	1.0	1.0
Heavy and civil engineering construction	1.4	.8	.9
Specialty trade contractors .....	.8	.4	.5
Residential specialty trade contractors	1.0	(²)	(²)
Nonresidential specialty trade contractors	1.2	(²)	(²)
Manufacturing .....	.2	.2	.3
Durable goods .....	.4	.3	.4
Wood products	1.4	.9	1.1
Nonmetallic mineral products	1.6	1.3	1.3
Primary metals .....	.8	.8	1.0
Fabricated metal products .....	.9	.5	.6
Machinery .....	.6	.7	1.0
Computer and electronic products .....	.7	1.0	1.4
Computer and peripheral equipment	1.2	4.5	4.4
Communications equipment	2.1	2.2	4.1
Semiconductors and electronic components .....	.9	1.5	1.9
Electronic instruments	1.2	1.0	1.5
Electrical equipment and appliances	1.1	.8	1.2
Transportation equipment	1.1	.6	1.6
Motor vehicles and parts .....	.9	.6	1.6
Furniture and related products	1.2	.9	1.0
Miscellaneous manufacturing .....	.9	1.1	1.3
Nondurable goods .....	.3	.4	.3
Food manufacturing .....	.8	.8	.8
Beverages and tobacco products	1.7	2.1	4.0
Textile mills	1.5	1.0	1.2
Textile product mills	2.6	3.0	1.3
Apparel	2.2	1.8	1.9
Leather and allied products	3.5	2.2	2.7
Paper and paper products .....	.9	1.1	1.0
Printing and related support activities	1.0	.8	1.3
Petroleum and coal products	2.1	2.0	2.7
Chemicals .....	.6	.8	1.1
Plastics and rubber products	1.0	.9	.7
Service-providing .....	.2	(²)	(²)
Private service-providing .....	.2	.2	.2
Trade, transportation, and utilities .....	.2	.3	.4
Wholesale trade .....	.4	.5	.8
Durable goods .....	.4	.5	1.1
Nondurable goods .....	.7	.9	1.1
Electronic markets and agents and brokers	1.5	1.5	2.9

See footnotes at end of table.

Table 2-E. **Relative standard errors for first-closing estimates of employment, hours, and earnings in selected industries** ¹—Continued

(Percent)

Industry	Relative standard error		
	All employees	Average weekly hours	Average hourly earnings
Retail trade	0.3	0.3	0.5
Motor vehicle and parts dealers .....	.5	1.0	1.4
Automobile dealers .....	.5	1.3	1.7
Furniture and home furnishings stores	1.3	1.4	2.4
Electronics and appliance stores	2.2	2.3	3.9
Building material and garden supply stores .....	.7	1.4	1.3
Food and beverage stores .....	.6	.8	.8
Health and personal care stores .....	.9	1.3	1.8
Gasoline stations	1.0	1.4	1.1
Clothing and clothing accessories stores	1.5	2.4	2.4
Sporting goods, hobby, book, and music stores	2.3	1.9	1.3
General merchandise stores	1.1	.5	.9
Department stores	1.4	.8	1.0
Miscellaneous store retailers	1.0	1.2	1.6
Nonstore retailers	2.1	1.4	2.7
Transportation and warehousing .....	.6	.8	.7
Air transportation	1.2	3.0	3.4
Rail transportation	1.2	(³)	(³)
Water transportation	7.7	5.1	6.4
Truck transportation	1.0	.9	.9
Transit and ground passenger transportation	2.2	2.1	1.4
Pipeline transportation	1.5	3.1	3.1
Scenic and sightseeing transportation	10.4	8.4	7.0
Support activities for transportation	1.5	1.7	1.6
Couriers and messengers	1.4	5.9	4.2
Warehousing and storage	2.1	1.2	1.7
Utilities .....	.7	1.1	1.2
Information	1.0	.6	1.2
Publishing industries, except Internet .....	.9	.8	1.7
Motion picture and sound recording industries	5.5	3.4	4.1
Broadcasting, except Internet	1.4	1.5	2.3
Internet publishing and broadcasting	6.2	3.5	10.1
Telecommunications	1.2	1.1	2.3
ISPs, search portals, and data processing	1.9	1.1	3.2
Other information services	2.5	5.6	6.1
Financial activities .....	.3	.5	.7
Finance and insurance .....	.4	.4	.8
Monetary authorities - central bank	5.0	1.0	1.2
Credit intermediation and related activities .....	.7	.8	1.3
Depository credit intermediation .....	.6	1.4	1.1
Commercial banking .....	.7	2.0	1.5
Securities, commodity contracts, investments	1.2	1.1	3.4
Insurance carriers and related activities .....	.6	.4	.8
Funds, trusts, and other financial vehicles	3.4	2.9	4.0
Real estate and rental and leasing .....	.7	1.1	1.0
Real estate .....	.8	1.3	1.1
Rental and leasing services	1.7	1.7	2.4
Lessors of nonfinancial intangible assets	6.3	3.3	7.2
Professional and business services .....	.4	.4	.5
Professional and technical services .....	.5	.3	.6
Legal services .....	.7	.6	1.6
Accounting and bookkeeping services	1.8	1.2	1.9
Architectural and engineering services .....	.9	.6	1.1
Computer systems design and related services	1.2	.9	1.6
Management and technical consulting services	3.8	1.3	2.2
Management of companies and enterprises .....	.6	1.2	2.1

See footnotes at end of table.

Table 2-E. **Relative standard errors for first-closing estimates of employment, hours, and earnings in selected industries** ¹—Continued

(Percent)

Industry	Relative standard error		
	All employees	Average weekly hours	Average hourly earnings
Administrative and waste services	0.7	0.6	0.8
Administrative and support services .....	.8	.7	.8
Employment services	1.2	1.2	1.4
Temporary help services	1.3	1.6	1.6
Business support services	1.6	1.5	2.2
Services to buildings and dwellings	1.0	.9	.9
Waste management and remediation services	2.0	1.8	2.0
Education and health services .....	.2	.2	.6
Educational services .....	.9	.8	1.1
Health care and social assistance .....	.2	.3	.6
Health care .....	.2	.3	.6
Ambulatory health care services .....	.4	.5	1.3
Offices of physicians .....	.5	.5	2.4
Outpatient care centers	1.0	1.3	2.5
Home health care services	1.0	1.8	2.4
Hospitals .....	.2	.5	.7
Nursing and residential care facilities .....	.4	.4	.5
Nursing care facilities .....	.6	.4	.6
Social assistance .....	.6	.7	.8
Child day care services	1.3	1.1	1.3
Leisure and hospitality .....	.4	.4	.5
Arts, entertainment, and recreation	1.8	1.5	1.9
Performing arts and spectator sports	3.6	3.3	4.4
Museums, historical sites, zoos, and parks	2.1	2.6	2.4
Amusements, gambling, and recreation	2.4	1.8	2.0
Accommodations and food services .....	.4	.4	.4
Accommodations	1.0	.8	1.1
Food services and drinking places .....	.4	.4	.5
Other services	2.0	1.5	1.5
Repair and maintenance .....	.9	.7	1.0
Personal and laundry services .....	.8	1.7	1.1
Membership associations and organizations	3.5	2.6	2.7

¹ Estimates of variance are not available for government sectors due to lack of historical probability-based estimates.

² Hours and earnings estimates are not published.

³ Estimates are not available as a result of confidentiality standards.

Table 2-F. Standard errors for change in levels of first-closing estimates of employment, hours, and earnings in selected industries ¹

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Total nonfarm	60,447	(²)	(²)	83,122	(²)	(²)	156,035	(²)	(²)
Total private	58,556	0.03	0.01	80,158	0.04	0.02	150,552	0.05	0.03
Goods-producing	17,808	.05	.02	26,906	.07	.03	50,434	.08	.04
Natural resources and mining	2,302	.42	.09	3,954	.49	.13	7,016	.57	.23
Logging	1,099	.90	.25	1,514	1.39	.35	2,299	1.53	.43
Mining	2,152	.44	.09	3,646	.53	.14	6,804	.62	.26
Oil and gas extraction	647	.87	.22	1,152	1.21	.42	2,503	1.47	.95
Mining, except oil and gas	992	.34	.10	1,554	.40	.12	2,427	.59	.26
Coal mining	487	.66	.20	640	.72	.21	1,436	1.04	.60
Support activities for mining	1,863	.83	.18	3,104	1.01	.25	5,395	1.29	.46
Construction	13,841	.10	.04	21,878	.13	.06	41,150	.16	.08
Construction of buildings	6,915	.22	.10	9,670	.22	.13	19,965	.33	.15
Residential building	4,450	.29	.13	6,057	.29	.22	13,676	.42	.21
Nonresidential building	5,075	.31	.11	6,979	.33	.17	11,587	.48	.21
Heavy and civil engineering construction ..	5,139	.30	.10	7,916	.40	.14	12,027	.43	.18
Specialty trade contractors	11,090	.12	.05	17,117	.15	.08	32,722	.20	.10
Residential specialty trade contractors	7,929	(²)	(²)	11,889	(²)	(²)	21,216	(²)	(²)
Nonresidential specialty trade contractors	9,350	(²)	(²)	13,471	(²)	(²)	27,100	(²)	(²)
Manufacturing	10,265	.07	.02	15,311	.08	.03	29,256	.10	.04
Durable goods	7,736	.09	.03	11,062	.10	.04	24,738	.13	.06
Wood products	2,419	.27	.07	3,950	.35	.10	6,703	.40	.13
Nonmetallic mineral products	2,436	.36	.12	3,133	.43	.16	6,146	.58	.22
Primary metals	1,458	.26	.08	1,993	.31	.11	3,834	.38	.20
Fabricated metal products	3,075	.15	.06	4,782	.19	.06	10,705	.25	.10
Machinery	2,575	.22	.06	3,726	.23	.09	6,417	.34	.14
Computer and electronic products	2,184	.17	.09	3,506	.35	.16	7,231	.45	.25
Computer and peripheral equipment	806	.42	.29	1,198	1.27	.72	2,399	1.71	1.08
Communications equipment	638	.53	.27	1,146	.70	.34	2,982	1.00	.69
Semiconductors and electronic components	1,257	.27	.13	2,073	.34	.17	3,628	.77	.28
Electronic instruments	1,072	.27	.11	1,885	.35	.17	4,489	.47	.29
Electrical equipment and appliances	1,589	.28	.07	2,337	.31	.09	4,926	.38	.15
Transportation equipment	3,695	.24	.08	5,176	.22	.12	15,078	.35	.27
Motor vehicles and parts	2,059	.21	.07	3,859	.22	.11	9,332	.32	.30
Furniture and related products	2,298	.30	.08	3,997	.36	.09	5,852	.40	.14
Miscellaneous manufacturing	2,566	.26	.09	2,939	.35	.11	5,145	.46	.19
Nondurable goods	6,756	.10	.03	10,555	.12	.04	14,294	.16	.06
Food manufacturing	4,040	.20	.05	5,814	.22	.06	10,282	.38	.11
Beverages and tobacco products	1,092	.68	.25	1,856	.89	.38	3,251	1.05	.74
Textile mills	1,081	.41	.06	1,584	.52	.09	3,164	.50	.15
Textile product mills	1,293	.46	.08	2,311	.76	.12	3,655	1.33	.18
Apparel	2,332	.39	.08	3,179	.49	.12	5,649	.68	.23
Leather and allied products	352	.57	.09	647	.56	.18	1,540	1.11	.36
Paper and paper products	1,241	.27	.09	1,963	.29	.12	3,765	.51	.19
Printing and related support activities	2,076	.22	.07	2,782	.27	.11	6,131	.35	.21
Petroleum and coal products	647	.83	.37	1,202	.84	.45	1,799	1.11	.62
Chemicals	2,102	.24	.12	2,985	.33	.17	5,449	.37	.30
Plastics and rubber products	2,159	.23	.07	3,556	.34	.10	7,124	.48	.11
Service-providing	57,537	(²)	(²)	78,630	(²)	(²)	147,852	(²)	(²)
Private service-providing	55,547	.03	.01	75,490	.04	.02	142,053	.07	.04

See footnotes at end of table.

Table 2-F. Standard errors for change in levels of first-closing estimates of employment, hours, and earnings in selected industries ¹—Continued

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Trade, transportation, and utilities	19,906	0.05	0.02	27,760	0.07	0.03	52,005	0.10	0.06
Wholesale trade	8,203	.13	.06	12,892	.15	.08	20,248	.22	.16
Durable goods	5,494	.14	.07	7,619	.18	.11	12,700	.23	.20
Nondurable goods	5,526	.20	.09	7,809	.24	.13	14,427	.38	.17
Electronic markets and agents and brokers	3,617	.39	.22	6,438	.44	.38	9,203	.64	.75
Retail trade	14,794	.05	.03	21,885	.07	.04	40,825	.11	.06
Motor vehicle and parts dealers	3,906	.18	.14	5,736	.25	.20	9,707	.34	.27
Automobile dealers	3,090	.24	.20	4,240	.36	.29	6,215	.48	.38
Furniture and home furnishings stores	2,689	.23	.18	4,064	.33	.25	6,999	.61	.42
Electronics and appliance stores	2,705	.36	.23	3,710	.42	.35	10,521	.68	.60
Building material and garden supply stores	4,382	.25	.07	6,469	.34	.09	9,557	.51	.18
Food and beverage stores	5,383	.09	.03	7,621	.14	.04	14,976	.32	.08
Health and personal care stores	3,365	.22	.07	4,515	.28	.13	8,038	.43	.24
Gasoline stations	3,272	.21	.04	4,599	.30	.06	8,501	.47	.10
Clothing and clothing accessories stores ..	8,354	.27	.07	10,492	.35	.11	19,540	.53	.27
Sporting goods, hobby, book, and music stores	3,824	.23	.06	6,404	.31	.09	13,454	.43	.16
General merchandise stores	3,220	.07	.02	4,852	.09	.03	19,660	.17	.09
Department stores	2,334	.10	.02	4,054	.13	.02	17,061	.30	.09
Miscellaneous store retailers	3,728	.18	.09	5,255	.25	.13	8,842	.41	.21
Nonstore retailers	2,387	.24	.10	3,745	.38	.18	8,240	.58	.47
Transportation and warehousing	9,909	.15	.05	12,455	.17	.08	23,656	.35	.13
Air transportation	2,109	.41	.22	3,202	.64	.38	5,667	1.10	.48
Rail transportation	435	(³)	(³)	2,358	(³)	(³)	2,723	(³)	(³)
Water transportation	1,149	1.09	.47	1,685	1.43	.67	3,978	2.31	1.17
Truck transportation	4,536	.27	.07	6,489	.34	.11	11,579	.48	.18
Transit and ground passenger transportation	5,091	.59	.11	5,848	.76	.15	8,277	.67	.24
Pipeline transportation	285	.67	.22	408	.63	.34	569	1.69	.72
Scenic and sightseeing transportation	1,336	1.48	.39	1,917	2.13	.53	2,719	2.75	.85
Support activities for transportation	3,439	.28	.11	4,531	.35	.16	7,264	.58	.28
Couriers and messengers	2,036	.54	.20	2,959	.90	.36	7,955	1.84	.72
Warehousing and storage	2,809	.25	.07	3,644	.35	.12	9,459	.56	.25
Utilities	1,268	.19	.10	1,655	.28	.14	3,316	.39	.26
Information	8,248	.15	.10	13,358	.18	.16	29,633	.25	.29
Publishing industries, except Internet	3,165	.16	.18	4,996	.24	.37	7,678	.33	.58
Motion picture and sound recording industries	6,547	.44	.32	11,466	.53	.48	22,675	1.03	.87
Broadcasting, except Internet	1,523	.26	.19	1,965	.33	.31	4,146	.53	.44
Internet publishing and broadcasting	444	.92	1.00	944	1.28	1.49	1,900	1.54	2.93
Telecommunications	2,724	.35	.20	4,949	.35	.29	9,760	.51	.57
ISPs, search portals, and data processing	2,365	.29	.20	3,909	.49	.32	6,005	.50	.70
Other information services	500	.55	.25	687	.74	.46	950	1.33	1.10
Financial activities	9,768	.08	.06	14,686	.10	.08	24,922	.17	.15
Finance and insurance	6,511	.10	.07	9,723	.11	.10	18,842	.17	.19
Monetary authorities - central bank	45	.04	.03	96	.36	.16	608	.55	.48
Credit intermediation and related activities	4,333	.15	.10	7,144	.18	.16	15,927	.27	.29
Depository credit intermediation	2,167	.21	.06	3,280	.21	.09	8,306	.43	.16
Commercial banking	1,861	.26	.07	2,967	.27	.11	7,754	.60	.21
Securities, commodity contracts, investments	2,807	.29	.32	3,681	.33	.49	8,102	.44	.94

See footnotes at end of table.

Table 2-F. Standard errors for change in levels of first-closing estimates of employment, hours, and earnings in selected industries ¹—Continued

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Financial activities—Continued									
Insurance carriers and related activities	3,081	0.11	0.07	4,917	0.15	0.10	11,053	0.20	0.18
Funds, trusts, and other financial vehicles	928	.39	.31	1,277	.58	.48	2,863	1.25	1.23
Real estate and rental and leasing	7,177	.18	.07	9,993	.23	.09	15,582	.37	.14
Real estate	4,749	.21	.07	7,770	.28	.09	11,953	.45	.17
Rental and leasing services	5,487	.35	.15	6,814	.38	.18	10,276	.65	.30
Lessors of nonfinancial intangible assets ..	402	.57	.43	677	1.01	.62	1,599	1.51	1.48
Professional and business services	27,943	.08	.04	39,091	.09	.05	58,332	.16	.11
Professional and technical services	10,990	.09	.06	21,486	.13	.11	27,573	.16	.15
Legal services	3,028	.14	.10	3,159	.18	.15	6,312	.21	.49
Accounting and bookkeeping services ...	5,292	.27	.15	18,666	.72	.30	11,124	.48	.36
Architectural and engineering services ..	3,386	.18	.10	5,251	.21	.14	9,746	.26	.22
Computer systems design and related services	3,572	.18	.22	4,821	.21	.28	11,702	.42	.48
Management and technical consulting services	3,768	.22	.14	6,210	.33	.22	23,688	.47	.53
Management of companies and enterprises .	3,419	.24	.12	5,195	.27	.20	11,183	.48	.35
Administrative and waste services	23,203	.12	.05	26,697	.15	.07	48,597	.26	.12
Administrative and support services	22,865	.13	.05	26,038	.15	.07	48,259	.27	.12
Employment services	18,932	.22	.09	23,187	.26	.13	34,930	.53	.21
Temporary help services	16,766	.22	.09	19,482	.27	.12	28,776	.62	.27
Business support services	3,892	.26	.10	6,260	.33	.14	10,839	.50	.29
Services to buildings and dwellings	7,142	.19	.05	9,989	.24	.07	16,434	.33	.10
Waste management and remediation services	2,547	.42	.18	3,656	.60	.23	5,985	.74	.42
Education and health services	18,757	.05	.02	23,485	.05	.03	41,510	.09	.08
Educational services	14,990	.07	.04	18,001	.15	.06	27,488	.31	.18
Health care and social assistance	9,752	.05	.03	13,898	.06	.03	28,030	.09	.09
Health care	6,522	.04	.02	10,460	.06	.03	22,546	.11	.10
Ambulatory health care services	6,471	.08	.04	8,148	.12	.07	16,619	.18	.19
Offices of physicians	3,650	.11	.07	5,003	.16	.10	10,155	.22	.38
Outpatient care centers	1,624	.22	.14	1,958	.31	.19	4,439	.56	.47
Home health care services	3,047	.24	.11	3,831	.29	.14	7,454	.53	.27
Hospitals	2,250	.08	.06	3,066	.12	.07	6,356	.13	.13
Nursing and residential care facilities	4,211	.08	.02	5,607	.09	.03	11,069	.14	.06
Nursing care facilities	2,609	.11	.03	3,347	.14	.05	7,422	.17	.08
Social assistance	6,749	.14	.03	7,861	.16	.05	13,783	.21	.09
Child day care services	5,246	.26	.05	6,089	.33	.08	9,037	.41	.15
Leisure and hospitality	22,108	.07	.02	32,258	.08	.03	49,323	.12	.04
Arts, entertainment, and recreation	13,934	.24	.10	21,623	.31	.17	37,334	.49	.20
Performing arts and spectator sports	6,903	.48	.40	9,228	.65	.52	12,919	1.05	.76
Museums, historical sites, zoos, and parks	1,308	.44	.14	1,845	.56	.20	2,501	.74	.30
Amusements, gambling, and recreation	12,103	.26	.08	20,968	.39	.15	38,782	.58	.18
Accommodations and food services	15,575	.06	.01	22,445	.07	.02	35,168	.11	.03
Accommodations	9,544	.16	.04	12,901	.20	.07	14,315	.25	.10
Food services and drinking places	12,500	.06	.01	18,069	.07	.02	30,228	.10	.04
Other services	23,982	.19	.06	27,755	.35	.11	90,812	.59	.22
Repair and maintenance	4,362	.18	.07	7,437	.21	.09	11,674	.23	.14
Personal and laundry services	4,909	.18	.07	6,656	.23	.10	10,456	.51	.16
Membership associations and organizations	22,653	.32	.10	26,762	.59	.21	88,922	.97	.44

¹ Estimates of variance are not available for government sectors due to lack of historical probability-based estimates.

² Hours and earnings estimates are not published.

³ Estimates are not available as a result of confidentiality standards.

Region, State, Area, and Division Labor Force Data ("C" tables)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMAs), and other areas covered under Federal assistance programs are developed by State Workforce Agencies under a Federal-State cooperative program. The local unemployment estimates, which derive from standardized procedures developed by BLS, are the basis for determining eligibility of an area for benefits under Federal programs such as the Workforce Investment Act.

Annual average data for the States and 375 areas shown in table C-3 are published in *Employment and Earnings* (usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

Labor force estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and are available on the Internet at <http://www.bls.gov/lau> or by subscription by calling 202-691-6392.

ESTIMATING METHODS

Monthly labor force, employment, and unemployment estimates are prepared for the 50 States, the District of Columbia, Puerto Rico, and over 7,000 areas, including nearly 2,400 LMAs, all counties, and cities with a population of 25,000 or more. Regional aggregations are derived by summing the division estimates. The estimation methods are described below for States (and the District of Columbia) and for substate areas. At the sub-LMA (county and city) level, estimates are prepared using disaggregation techniques based on decennial and annual population estimates and current unemployment insurance data. A more detailed description of the estimation procedure is contained in the BLS document, *Manual for Developing Local Area Unemployment Statistics*.

Estimates for States

For all States and the District of Columbia, the Los Angeles-Long Beach-Glendale metropolitan division, New York City, and the respective balances of State, models based on a "signal-plus-noise" approach are used to develop employment and unemployment estimates. The model of the signal is a time series model of the true labor force which consists of three components: A variable coefficient regression, a flexible trend, and a flexible seasonal component. The regression techniques are based on historical and

current relationships found within each State's economy as reflected in the different sources of data that are available for each State—the Current Population Survey (CPS), the Current Employment Statistics (CES) survey, and the UI system. The noise component of the models explicitly accounts for autocorrelation in the CPS sampling error and changes in the average magnitude of the error. In addition, the models can identify and remove the effects of outliers in the historical CPS series. While all the State models have important components in common, they differ somewhat from one another to better reflect individual State labor force characteristics.

Seasonal adjustment occurs within the model structure through the removal of the seasonal component. The models also produce reliability measures on the adjusted and unadjusted series, and on over-the-month change.

The Redesign bivariate models incorporate a major change in the approach to benchmarking and the benchmarking process. Rather than continue with an annual average State benchmark applied retrospectively that reintroduces sampling error to the historical monthly estimates, the Redesign approach uses a reliable real-time monthly national benchmark for controlling current State model estimates of employment and unemployment. In this process, benchmarking is part of the monthly State model estimation process.

Under real-time benchmarking, a tiered approach to estimation is used. Model-based estimates are developed for the 9 Census divisions that geographically exhaust the Nation using univariate signal-plus-noise models. The division models are similar to the State models, but do not use unemployment insurance claims or nonfarm payroll employment as variables. The division estimates are benchmarked to the national levels of employment and unemployment on a monthly basis. The benchmarked division model estimate is then used as the benchmark for the States within the division. The distribution of the monthly benchmark adjustment to the States is based on each State's monthly model estimate. In this manner, the monthly State employment and unemployment estimates will add to the national levels.

Estimates for substate labor market areas

As noted, monthly labor force estimates for two large substate areas—New York City and the Los Angeles-Long Beach-Glendale, CA metropolitan division and the respective balances of New York and California—are developed using bivariate signal-plus-noise models. Signal-plus-noise models also have been developed for six additional substate areas and their State balances. The areas are: the Chicago-Naperville-Joliet, IL metropolitan division; the Cleveland-

Elyria-Mentor, OH metropolitan area; the Detroit-Warren-Livonia, MI metropolitan area; the Miami-Miami Beach-Kendall, FL metropolitan division; the New Orleans-Metairie-Kenner, LA metropolitan area; and the Seattle-Bellevue-Everett, WA metropolitan division. As with the Redesign State and division models, these area models are based on the classical decomposition of a time series into trend, seasonal, and irregular components. A component to identify and remove the CPS sampling error also is included. Area models, like the division models, are univariate in design in that only the historical relationship of the inputs is considered—UI claims and CES inputs are not used each month in the estimation process. Area and balance of State models are controlled directly to the State totals, which are themselves controlled to the national CPS via the Census division models. Estimates for the nearly 2,400 remaining LMAs are prepared through indirect estimation techniques, described below.

The LAUS Handbook method is an effort to estimate unemployment for an area, using available information without the expense of expanding a labor force survey like the CPS. The Handbook presents a series of estimating “building blocks,” in which categories of unemployed workers are classified by their previous status. Two broad categories of unemployed persons are: (1) Those who were last employed in industries covered by State UI laws, and (2) those who either entered the labor force for the first time or reentered after a period of separation. Handbook inputs were updated using the Census 2000 results and other improvements to Handbook estimation were implemented with January 2005 estimates.

Employment. The total employment estimate is based on data from several sources. The primary source for most metropolitan areas (MAs) is the Federal-State CES survey. The CES is designed to produce estimates of the total number of employees on payrolls in nonfarm industries for the particular area. In small labor market areas and the remainder of the MAs, the establishment employment data come from the Quarterly Census of Employment and Wages (ES-202 Report).

These “place-of-work” employment estimates must be adjusted to a place-of-residence basis, as in the CPS. Estimated adjustment factors have been developed using employment relationships which existed at the time of the most recent decennial census. The adjustment approach implemented in January 2005 is more dynamic than the previous one and incorporates commuting to nearby labor market areas. These factors are applied to the place-of-work employment estimates for the current period to obtain adjusted employment estimates, to which are added synthetically developed estimates for employment not represented in the establishment series—agricultural workers, nonfarm self-employed and unpaid family workers, and private household workers.

Unemployment. The estimate of unemployment is an

aggregate of the estimates for each of the two building-block categories. The “covered” category further consists of two unemployed worker groups: (1) Those who are currently receiving UI benefits and (2) those who have exhausted their benefits. Only the number of those currently collecting benefits is obtained directly from an actual count of UI claimants for the reference week. The estimate of persons who have exhausted their benefits is based upon the number actually exhausting benefits in previous periods “survived” using a conditional probability approach based on CPS data.

The second category, “new entrants and reentrants into the labor force,” cannot be estimated directly from UI statistics, because unemployment for these persons is not immediately preceded by the period of employment required to receive UI benefits. In addition, there is no uniform source of new entrants and reentrants data for States available at the LMA level; the only existing source available is from the CPS at the State level. Separate estimates for new entrants and for reentrants are derived from econometric models based on current and historical State entrants data from the CPS. These model estimates are then allocated to all LMAs based on the age distribution of the population of each LMA. For new entrants, the area’s proportion of the 16-19 year-old population group to the State 16-19 year-old population total is used, and for reentrants, the Handbook area’s proportion of the 20 years and older population to the State total 20 years and older population is used.

Substate adjustment for consistency and additivity. Each month, Handbook estimates are prepared for labor market areas that exhaust the entire State area. To obtain a labor force estimate for a given area, a “Handbook share” is computed for that area which is defined as the ratio of that area’s Handbook estimates of employment and unemployment to the sum of the Handbook estimates of employment and unemployment for all LMAs in the State. These ratios are then multiplied by the current statewide estimate for employment and unemployment to produce the final adjusted LMA estimates.

Estimates for parts of LMAs

Current labor force estimates at the sub-LMA level are required by several Federal programs. Disaggregation techniques are used to obtain current estimates of employment and unemployment for counties within multi-county LMAs and cities, towns, and townships within counties. Two alternative methods are used to disaggregate the LMA estimates.

The population-claims method is the preferred technique. If residence-based UI claims data are available for the subareas within the labor market area, the ratio of claims in the subarea to the total number of claims within the LMA is used to disaggregate the estimate of experienced unemployed to the subarea level. To ensure the quality of the claims data used in this technique, claimant records are processed through a residency assignment system that verifies and/or corrects

residence addresses and assigns the associated residency codes. This provides a more accurate count of claims by city. The estimates of unemployed entrants are allocated based on the latest available census distribution of the adult and teenage population groups. Employment is disaggregated using decennial census employment-population ratios updated by current population estimates. Estimates for all disaggregated counties and New England cities and towns are developed using this method.

If the necessary UI claims data are not available, the census-share method is used. This method uses each subarea's decennial census share of total LMA employment and unemployment, respectively, in order to disaggregate employment and unemployment. Very few States will be using this method for data after 2004.

Annual activities

Once each year, labor force estimates are revised to reflect updated input data and new U.S. Census Bureau population controls. As part of this procedure, all of the State and substate models are reviewed, revised as necessary, and then

reestimated; this reestimation is called "smoothing."

When new population controls are available from the Bureau of the Census, typically in January, CPS estimates for all States, the District of Columbia, New York City; the Chicago-Naperville-Joliet, IL metropolitan division; Cleveland-Elyria-Mentor, OH metropolitan area; Detroit-Warren-Livonia, MI metropolitan area; Los Angeles-Long Beach-Glendale, CA metropolitan division; Miami-Miami Beach-Kendall, FL metropolitan division; New Orleans-Metairie-Kenner, LA metropolitan area; and, the Seattle-Bellevue-Everett, WA metropolitan division are adjusted to these controls. Additionally, the time series regression models for the States and model-based areas are reestimated based on the latest input data.

Other substate estimates for previous years are also revised on an annual basis. The updates incorporate any changes in the inputs, such as revisions to establishment-based employment estimates or claims data and updated historical relationships. The revised estimates are then readjusted to the latest statewide estimates of employment and unemployment.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity 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. 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 it easier to observe the cyclical and other nonseasonal movements in the series. Seasonally adjusted series for selected labor force and establishment-based data are published monthly in *Employment and Earnings*.

Household data

Beginning in January 2003, BLS started using the X-12-ARIMA (Auto-Regressive Integrated Moving Average) seasonal adjustment program to seasonally adjust national labor force data from the Current Population Survey (CPS), or household survey. This program replaced the X-11 ARIMA program which had been used since January 1980. For a detailed description of the X-12-ARIMA program and its features, see D.F. Findley, B.C. Monsell, W.R. Bell, M.C. Otto, and B.C. Chen, "New Capabilities and Methods of the X-12-ARIMA Seasonal Adjustment Program," *Journal of Business and Economic Statistics*, April 1998, Vol. 16, No. 2, pp. 127-152. See "Revision of Seasonally Adjusted Labor Force Series in 2003," in the February 2003 issue of this publication for a discussion of the introduction of the use of X-12 ARIMA for seasonal adjustment of the labor force data and the effects that it had on the data.

Beginning in January 2004, BLS converted to the use of concurrent seasonal adjustment to produce seasonally adjusted labor force estimates from the household survey. Concurrent seasonal adjustment uses all available monthly estimates, including those for the current month, in developing seasonal factors. Previously, seasonal factors for the CPS data had been projected twice a year. As a result of this change in methodology, BLS no longer publishes seasonal factors for the labor force data. For more information on the adoption of concurrent seasonal adjustment for the labor force data, see "Revision of Seasonally Adjusted Labor Force Series in 2004," in the January 2004 issue of this publication available on the Internet at <http://www.bls.gov/cps/cpsrs2004.pdf>.

Revisions of historical data, usually for the most recent 5 years, are made only at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to

1970. In 1994, data were revised only for that year because of the major survey redesign and the introduction of 1990 census-based population controls, adjusted for the estimated undercount, into the Current Population Survey. In 1996, 1990-93 data also were revised to incorporate these 1990 census-based population controls and seasonally adjusted series were revised back to 1990. Subsequent revisions were carried back only to 1994 through 1998, when the standard 5-year revision period was reinstated.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the major labor force components—employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of four seasonally adjusted civilian employment components and four seasonally adjusted unemployment components. The total for unemployment is the sum of the four unemployment components, and the unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

Each January issue (March issue in 1996 and February issue in 2003) of *Employment and Earnings* contains revised seasonally adjusted data for selected labor force series based on the experience through December and a description of the current seasonal adjustment procedure.

National establishment data

BLS also uses the X-12-ARIMA seasonal adjustment program to seasonally adjust national establishment-based employment, hours, and earnings series derived from the Current Employment Statistics (CES) program. (Use of X-12 ARIMA to seasonally adjust the CES data began in June 1996, with the release of the March 1995 benchmark revisions.) Individual series are seasonally adjusted using either a multiplicative or an additive model. For employment, seasonal adjustment factors are directly applied to the component levels. Individual 3-digit NAICS levels are seasonally adjusted, and higher-level aggregates are formed by the summation of these components. Seasonally adjusted totals for hours and earnings are obtained by taking weighted averages of the seasonally adjusted data for the component series.

Revised seasonally adjusted national establishment-based series based on the experience through January 2005 and a detailed description of the current seasonal adjustment

procedure appear in the February 2005 issue of *Employment and Earnings*.

Concurrent seasonal adjustment. Beginning in June 2003 with the May 2003 first preliminary estimates, BLS began computing seasonal factors concurrently with the monthly estimate production. Previously, the factors were forecasted twice a year. Concurrent seasonal adjustment is expected to provide a more accurate seasonal adjustment, and smaller revisions from the first preliminary estimates to the final benchmarked estimates, than the semiannual updates. As a result of the adoption of concurrent seasonal adjustment, the CES program has discontinued the publication of projected seasonal factors.

Additive and multiplicative models. Prior to the March 2002 benchmark release in June 2003, all CES series were adjusted using multiplicative seasonal adjustment models. Although the X-12-ARIMA seasonal adjustment program provides for either an additive or a multiplicative adjustment depending on which model best fits the individual series, the previous CES processing system was unable to utilize additive seasonal adjustments. A new processing system, introduced simultaneously with the conversion to NAICS in June 2003, is able to utilize both additive and multiplicative adjustments. The article, “BLS National Establishment Estimates Revised to Incorporate March 2004 Benchmarks” published in the February 2005 issue of this publication contains a list of which series are adjusted with additive seasonal adjustment models and which series are adjusted with multiplicative models. The article also lists which series are subject to the calendar-effects modeling described below.

Variable survey intervals. Beginning with the release of the 1995 benchmark, BLS refined the seasonal adjustment procedures to control for survey interval variations, sometimes referred to as the 4- versus 5-week effect. Although the CES survey is referenced to a consistent concept—the pay period including the 12th of each month—inconsistencies arise because there are sometimes 4 and sometimes 5 weeks between the week including the 12th in a given pair of months. In highly seasonal industries, these variations can be an important determinant of the magnitude of seasonal hires or layoffs that have occurred at the time the survey is taken, thereby complicating seasonal adjustment.

Standard seasonal adjustment methodology relies heavily on the experience of the most recent 3 years to determine the expected seasonal change in employment for each month of the current year. Prior to the implementation of the adjustment, the procedure did not distinguish between 4- and 5-week survey intervals and the accuracy of the seasonal expectation depended in large measure on how well the current year’s survey interval corresponded with those from the previous 3 years. All else being the same, the greatest potential for distortion occurred when the current month being estimated

had a 5-week interval but the 3 years preceding it were all 4-week intervals, or conversely, when the current month had a 4-week interval but the 3 years preceding it were all 5-week intervals.

BLS uses REGARIMA (regression with autocorrelated errors) modeling to identify the estimated size and significance of the calendar effect for each published series. REGARIMA combines standard regression analysis, which measures correlation among two or more variables, with ARIMA modeling, which describes and predicts the behavior of data series based on its own past history. For many economic time series, including nonfarm payroll employment, observations are autocorrelated over time. That is, each month’s value is significantly dependent on the observations that precede it; these series, thus, usually can be successfully fit using ARIMA models. If autocorrelated time series are modeled through regression analysis alone, the measured relationships among other variables of interest may be distorted due to the influence of the autocorrelation. Thus, the REGARIMA technique is appropriate to measuring relationships among variables of interest in series that exhibit autocorrelation, such as nonfarm payroll employment.

In this application, the correlations of interest are those between employment levels in individual calendar months and the lengths of the survey intervals for those months. The REGARIMA models evaluate the variation in employment levels attributable to 11 separate survey interval variables, one specified for each month, except March. March is excluded because there is almost always 4 weeks between the February and March surveys. Models for individual basic series are fitted with the most recent 10 years of data available, the standard time span used for CES seasonal adjustment.

The REGARIMA procedure yields regression coefficients for each of the 11 months specified in the model. These coefficients provide estimates of the strength of the relationship between employment levels and the number of weeks between surveys for the 11 modeled months. The X-12-ARIMA software also produces diagnostic statistics that permit the assessment of the statistical significance of the regression coefficients, and all series are reviewed for model adequacy.

Because the 11 coefficients derived from the REGARIMA models provide an estimate of the magnitude of variation in employment levels associated with the length of the survey interval, these coefficients are used to adjust the CES data to remove the calendar effect. These “filtered” series then are seasonally adjusted using the standard X-12-ARIMA software previously used.

For a few series, REGARIMA models did not fit well; these series are seasonally adjusted with the X-12 software but without the interval-effect adjustment. There are several additional special effects modeled through the REGARIMA process which are described below.

Construction series. BLS continues its special treatment in seasonally adjusting the construction industry series, which began with the 1996 benchmark revision. In the application of the interval-effect modeling process to the construction series, there initially was difficulty in accurately identifying and measuring the effect because of the strong influence of variable weather patterns on employment movements in the industry. Further research allowed BLS to incorporate interval-effect modeling for the construction industry by disaggregating the construction series into its finer industry and geographic estimating cells and tightening outlier designation parameters. This process allowed a more precise identification of weather-related outliers that had masked the interval effect and clouded the seasonal adjustment patterns in general. With these outliers removed, interval-effect modeling became feasible. The result is a seasonally adjusted series for construction that is improved because it is controlled for two potential distortions, unusual weather events and the 4- versus 5-week effect.

Floating holidays. BLS also makes special adjustments for average weekly hours and average weekly overtime series to account for the presence or absence of religious holidays in the April survey reference period and the occurrence of Labor Day in the September reference period.

Local government series. A special adjustment also is made in the local government, excluding education series in November each year to account for variations in employment due to the presence or absence of poll workers.

Refinements in hours and earnings seasonal adjustment. With the release of the 1997 benchmark, BLS implemented refinements to the seasonal adjustment process for the hours and earnings series to correct for distortions related to the method of accounting for the varying length of payroll periods across months. There is a significant correlation between over-the-month changes in both the average weekly hours and the average hourly earnings series and the number of weekdays in a month, resulting in noneconomic fluctuations in these two series. Both series show more growth in “short” months (20 or 21 weekdays) than in “long” months (22 or 23 weekdays). The effect is stronger for the hours than for the earnings series.

The calendar effect is traceable to response and processing errors associated with converting payroll and hours information from sample respondents with semimonthly or monthly pay periods to a weekly equivalent. The response error comes from sample respondents reporting a fixed number of total hours for workers regardless of the length of the reference month, while the CES conversion process assumes that the hours reporting will be variable. Most likely, a constant level of hours is reported when employees are salaried rather than paid by the hour, because employers are less likely to keep actual detailed hours records

for such employees. This gap in information causes artificial peaks in the hours series in shorter months that are reversed in longer months.

The processing error occurs when respondents with salaried workers report hours correctly (vary them according to the length of the month), which then dictates that different conversion factors be applied to payroll and hours. The CES processing system uses the hours conversion factor for both fields, resulting in peaks in the hourly earnings series in short months and reversals in long months.

The series to which the length-of-pay-period adjustment is applied are not subject to the 4- versus 5-week adjustment, because the modeling cannot support the number of variables that would be required in the regression equation to make both adjustments.

State establishment data

Seasonally adjusted nonfarm payroll employment data by selected industry supersectors for all States and the District of Columbia are presented in table B-7 of this publication. As with the national establishment data, the State establishment data are seasonally adjusted with the X-12-ARIMA seasonal adjustment program. Seasonal adjustment factors are applied directly to the employment estimates at the supersector level and then aggregated to the State totals for most States. For a few States that do not have many publishable seasonally adjusted supersectors, however, total nonfarm data are seasonally adjusted directly at the aggregate level. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments.

Region and State labor force data

Beginning in 1992, BLS introduced publication of seasonally adjusted labor force data for the census regions and divisions, the 50 States, the District of Columbia, and Puerto Rico (tables C-1 and C-2). Beginning in 2005, labor force estimates for census regions are derived by summing the component division estimates of employment and unemployment and then calculating the unemployment rate.

Since 2005, a unified model-based approach has been used at the census division and State level to simultaneously remove the effects of sampling error and seasonality to provide seasonally adjusted estimates for employment and unemployment levels directly from the model, along with associated error measures. Labor force levels and unemployment rates are calculated from these two estimates. Prior to 2005, a two-step approach was used. In the first step, time-series models estimated and removed the effects of sampling error from the series. In the second step, the error-corrected series were seasonally adjusted using the latest available version of X-11, initially X-11 ARIMA, and later the X-12-ARIMA seasonal adjustment program.

Usually, historical data for the most recent 5 years are revised near the beginning of each calendar year, coincident with the release of January estimates.

INDEX TO STATISTICAL TABLES

TABLE KEY: A: Monthly household data; B: Monthly national and State and area establishment data; C: Monthly regional, State, and area labor force data; D: Quarterly, household data only, in the January, April, July, and October issues. Annual averages: Household data in the January issue; national establishment data in the January, March, and June issues; State and area establishment and labor force data in the May issue. For additional information see the listing on the inside front cover of this publication.

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