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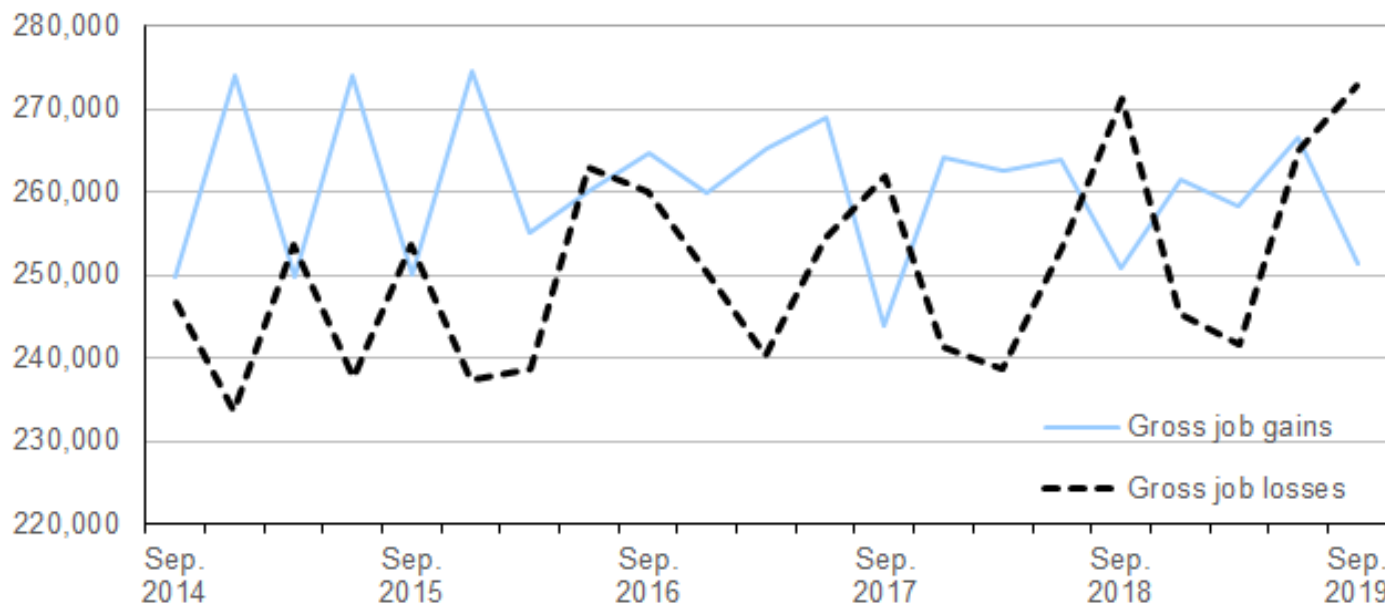
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Business Employment Dynamics in Ohio — Third Quarter 2019

From June 2019 to September 2019, **gross job gains** from opening and expanding private-sector establishments in Ohio were 251,312, while **gross job losses** from closing and contracting private-sector establishments were 272,778, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that the difference between the number of gross job gains and the number of gross job losses yielded a **net employment loss** of 21,466 jobs in the private sector during the third quarter of 2019. During the previous quarter, gross job gains exceeded gross job losses by 1,486. (See [chart 1.](#))

Chart 1. Private sector gross job gains and losses in Ohio, September 2014–September 2019, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

The change in the number of jobs over time is the net result of increases and decreases in employment that occur at all private businesses in the economy. Business Employment Dynamics (BED) statistics track these changes in employment at private-sector establishments from the third month of one quarter to the third month of the next. The difference between the number of gross job gains and the number of gross job losses is the net change in employment. (See [Technical Note.](#))

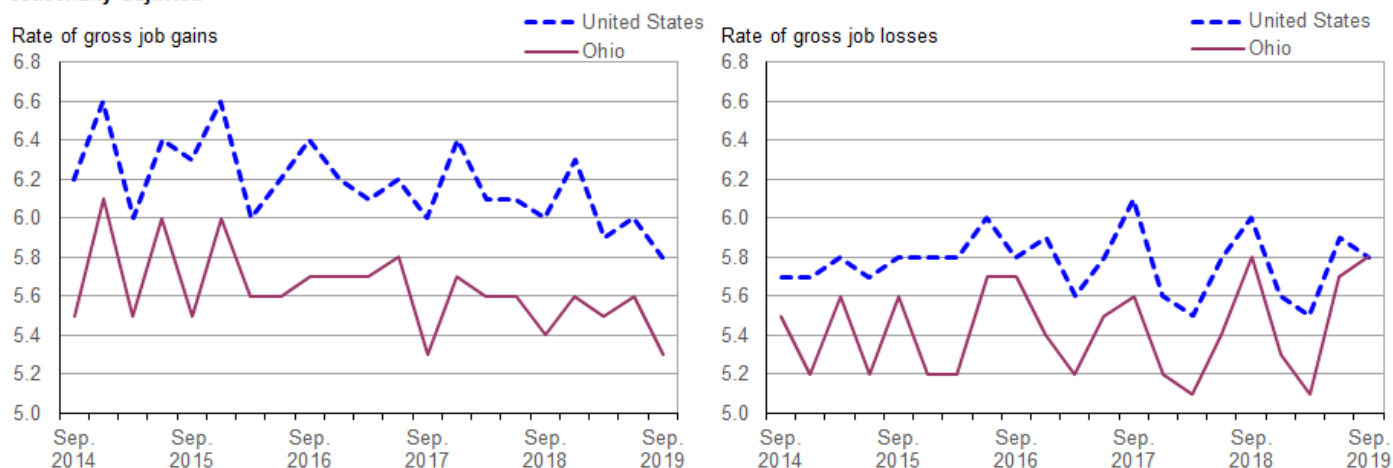
Gross job gains

In the third quarter of 2019, gross job gains represented 5.3 percent of private-sector employment in Ohio; nationally, gross job gains accounted for 5.8 percent of private-sector employment. (See [chart 2.](#)) Gross job gains are the sum of increases in employment due to expansions at existing establishments and the addition of new jobs at opening establishments. In Ohio, gross job gains at **expanding** establishments totaled 212,165 in the third quarter of 2019, a decrease of 15,433 jobs compared to the previous quarter. (See [table 1.](#)) **Opening** establishments accounted for 39,147 jobs gained in the third quarter of 2019, an increase of 112 jobs from the previous quarter.

Gross job losses

In the third quarter of 2019, gross job losses represented 5.8 percent of private-sector employment in Ohio; nationally, gross job losses also accounted for 5.8 percent of private-sector employment. (See [chart 2.](#)) Gross job losses are the result of contractions in employment at existing establishments and the loss of jobs at closing establishments. In Ohio, **contracting** establishments lost 235,570 jobs in the third quarter of 2019, an increase of 6,535 jobs from the prior quarter. **Closing** establishments lost 37,208 jobs, an increase of 1,096 jobs from the previous quarter.

Chart 2. Private sector gross job gains and losses as a percent of employment, United States and Ohio, September 2014–September 2019, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

Industries

Gross job gains exceeded gross job losses in 1 of the 11 industry sectors in Ohio in the third quarter of 2019. Transportation and warehousing had an over-the-quarter net job increase, with a gain of 6,923 jobs. This was the result of 17,356 gross job gains and 10,433 gross job losses. Professional and business services showed a net loss of 6,617 jobs, the largest loss of any sector in the state. Ohio's manufacturing industry sector had a net loss of 5,970 jobs.

For more information

The BED data series include gross job gains and gross job losses by industry subsector, for the 50 states, the District of Columbia, Puerto Rico, and the Virgin Islands, as well as gross job gains and gross job losses at the firm level by employer size class. BED data for the states have been included in [table 2](#) of this release. Additional information is available online at www.bls.gov/bdm/.

Additional statistics and other information

BED data for the states have been included in [table 2](#) of this release. For more information on the Business Employment Dynamics data, visit the BED web site at www.bls.gov/bdm/.

The Business Employment Dynamics release for fourth quarter 2019 is scheduled to be released on Wednesday, July 29, 2020.

Technical Note

The Business Employment Dynamics (BED) data are a product of a federal-state cooperative program known as Quarterly Census of Employment and Wages (QCEW). The BED data are compiled by the U.S. Bureau of Labor Statistics (BLS) from existing QCEW records. Most employers in the U.S. are required to file quarterly reports on the employment and wages of workers covered by unemployment insurance (UI) laws, and to pay quarterly UI taxes. The QCEW is based largely on quarterly UI reports which are sent by businesses to the State Workforce Agencies (SWAs). These UI reports are supplemented by two additional BLS data collections to render administrative data into economic statistics. Together these data comprise the QCEW and form the basis of the Bureau's establishment universe sampling frame.

In the BED program, the QCEW records are linked across quarters to provide a longitudinal history for each establishment. The linkage process allows the tracking of net employment changes at the establishment level, which in turn allows the estimation of jobs gained at opening and expanding units and jobs lost at closing and contracting units.

The change in the number of jobs over time is the net result of increases and decreases in employment that occur at all businesses in the economy. BED statistics track these changes in employment at private business establishments from the third month of one quarter to the third month of the next. Gross job gains are the sum of increases in employment from expansions at existing establishments and the addition of new jobs at opening establishments. Gross job losses are the result of contractions in employment at existing establishments and the loss of jobs at closing establishments. The difference between the number of gross jobs gained and the number of gross jobs lost is the net change in employment.

Gross job gains and gross job losses are expressed as rates by dividing their levels by the average of employment in the current and previous quarters. The rates are calculated for the components of gross job gains and gross job losses and then summed to form their respective totals. These rates can be added and subtracted just as their levels can. For instance, the difference between the gross job gains rate and the gross job losses rate is the net growth rate.

The formal definitions of employment changes are as follows:

Openings. These are either units with positive third month employment for the first time in the current quarter, with no links to the prior quarter, or with positive third month employment in the current quarter following zero employment in the previous quarter.

Expansions. These are units with positive employment in the third month in both the previous and current quarters, with a net increase in employment over this period.

Closings. These are either units with positive third month employment in the previous quarter, with no employment or zero employment reported in the current quarter.

Contractions. These are units with positive employment in the third month in both the previous and current quarters, with a net decrease in employment over this period.

The full Technical Note for the Business Employment Dynamics program, which includes information on coverage, concepts, and methodology, can be found in the current quarterly news release online at <https://www.bls.gov/news.release/cewbd.htm>.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Table 1. Private sector gross job gains and losses by industry, Ohio, seasonally adjusted

Category	Gross job gains and job losses (3 months ended)					Gross job gains and job losses as a percent of employment (3 months ended)				
	Sept 2018	Dec. 2018	Mar. 2019	June 2019	Sept 2019	Sept 2018	Dec. 2018	Mar. 2019	June 2019	Sept 2019
Total private ⁽¹⁾										
Gross job gains	250,824	261,361	258,396	266,633	251,312	5.4	5.6	5.5	5.6	5.3
At expanding establishments	214,015	220,279	222,169	227,598	212,165	4.6	4.7	4.7	4.8	4.5
At opening establishments	36,809	41,082	36,227	39,035	39,147	0.8	0.9	0.8	0.8	0.8
Gross job losses	271,299	245,446	241,765	265,147	272,778	5.8	5.3	5.1	5.7	5.8
At contracting establishments	232,021	209,755	202,762	229,035	235,570	5.0	4.5	4.3	4.9	5.0
At closing establishments	39,278	35,691	39,003	36,112	37,208	0.8	0.8	0.8	0.8	0.8
Net employment change ⁽²⁾	-20,475	15,915	16,631	1,486	-21,466	-0.4	0.3	0.4	-0.1	-0.5
Construction										
Gross job gains	19,595	20,395	22,464	22,366	19,638	8.9	9.2	9.9	9.7	8.7
At expanding establishments	16,776	17,116	18,654	19,092	16,579	7.6	7.7	8.2	8.3	7.3
At opening establishments	2,819	3,279	3,810	3,274	3,059	1.3	1.5	1.7	1.4	1.4
Gross job losses	21,115	22,407	17,857	20,328	21,139	9.5	10.2	7.9	8.9	9.4
At contracting establishments	18,391	18,939	15,134	17,562	18,033	8.3	8.6	6.7	7.7	8.0
At closing establishments	2,724	3,468	2,723	2,766	3,106	1.2	1.6	1.2	1.2	1.4
Net employment change ⁽²⁾	-1,520	-2,012	4,607	2,038	-1,501	-0.6	-1.0	2.0	0.8	-0.7
Manufacturing										
Gross job gains	19,146	23,239	19,694	19,537	16,627	2.8	3.4	2.8	2.8	2.3
At expanding establishments	18,000	22,108	18,841	18,441	15,606	2.6	3.2	2.7	2.6	2.2
At opening establishments	1,146	1,131	853	1,096	1,021	0.2	0.2	0.1	0.2	0.1
Gross job losses	21,811	16,127	19,154	21,414	22,597	3.1	2.3	2.7	3.0	3.3
At contracting establishments	20,809	14,860	17,882	19,925	21,428	3.0	2.1	2.5	2.8	3.1
At closing establishments	1,002	1,267	1,272	1,489	1,169	0.1	0.2	0.2	0.2	0.2
Net employment change ⁽²⁾	-2,665	7,112	540	-1,877	-5,970	-0.3	1.1	0.1	-0.2	-1.0
Wholesale trade										
Gross job gains	10,257	10,077	9,991	10,305	9,281	4.3	4.3	4.3	4.4	3.9
At expanding establishments	8,538	8,446	8,663	8,706	7,635	3.6	3.6	3.7	3.7	3.2
At opening establishments	1,719	1,631	1,328	1,599	1,646	0.7	0.7	0.6	0.7	0.7
Gross job losses	9,998	8,880	8,694	9,933	10,056	4.3	3.8	3.6	4.2	4.2
At contracting establishments	8,155	7,241	6,964	7,843	8,405	3.5	3.1	2.9	3.3	3.5
At closing establishments	1,843	1,639	1,730	2,090	1,651	0.8	0.7	0.7	0.9	0.7
Net employment change ⁽²⁾	259	1,197	1,297	372	-775	0.0	0.5	0.7	0.2	-0.3
Retail trade										
Gross job gains	33,296	28,096	35,272	31,677	32,744	5.9	5.1	6.3	5.6	5.9
At expanding establishments	30,256	25,522	31,945	28,137	28,109	5.4	4.6	5.7	5.0	5.1
At opening establishments	3,040	2,574	3,327	3,540	4,635	0.5	0.5	0.6	0.6	0.8
Gross job losses	36,687	33,334	31,085	36,295	35,552	6.5	6.0	5.6	6.5	6.5
At contracting establishments	31,244	30,490	27,987	32,302	32,428	5.5	5.5	5.0	5.8	5.9
At closing establishments	5,443	2,844	3,098	3,993	3,124	1.0	0.5	0.6	0.7	0.6
Net employment change ⁽²⁾	-3,391	-5,238	4,187	-4,618	-2,808	-0.6	-0.9	0.7	-0.9	-0.6
Transportation and warehousing										
Gross job gains	10,283	13,227	11,370	13,296	17,356	5.2	6.6	5.6	6.4	8.3
At expanding establishments	9,277	12,052	8,145	11,375	13,985	4.7	6.0	4.0	5.5	6.7
At opening establishments	1,006	1,175	3,225	1,921	3,371	0.5	0.6	1.6	0.9	1.6
Gross job losses	9,475	8,627	11,287	11,622	10,433	4.7	4.3	5.5	5.7	5.0
At contracting establishments	8,608	7,391	10,313	10,026	9,242	4.3	3.7	5.0	4.9	4.4
At closing establishments	867	1,236	974	1,596	1,191	0.4	0.6	0.5	0.8	0.6
Net employment change ⁽²⁾	808	4,600	83	1,674	6,923	0.5	2.3	0.1	0.7	3.3
Information										
Gross job gains	2,752	2,908	3,039	3,053	2,977	3.9	4.1	4.3	4.4	4.3
At expanding establishments	2,347	2,344	2,447	2,591	2,118	3.3	3.3	3.5	3.7	3.1
At opening establishments	405	564	592	462	859	0.6	0.8	0.8	0.7	1.2
Gross job losses	3,881	2,966	3,137	3,635	3,836	5.4	4.2	4.5	5.3	5.6

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Ohio, seasonally adjusted - Continued

Category	Gross job gains and job losses (3 months ended)					Gross job gains and job losses as a percent of employment (3 months ended)				
	Sept 2018	Dec. 2018	Mar. 2019	June 2019	Sept 2019	Sept 2018	Dec. 2018	Mar. 2019	June 2019	Sept 2019
At contracting establishments	3,138	2,411	2,538	3,179	3,228	4.4	3.4	3.6	4.6	4.7
At closing establishments	743	555	599	456	608	1.0	0.8	0.9	0.7	0.9
Net employment change ⁽²⁾	-1,129	-58	-98	-582	-859	-1.5	-0.1	-0.2	-0.9	-1.3
Financial activities										
Gross job gains	11,279	12,165	11,627	13,283	12,588	3.8	4.2	3.9	4.6	4.3
At expanding establishments	9,163	9,392	9,811	11,057	10,625	3.1	3.2	3.3	3.8	3.6
At opening establishments	2,116	2,773	1,816	2,226	1,963	0.7	1.0	0.6	0.8	0.7
Gross job losses	13,382	12,408	10,889	11,651	13,102	4.6	4.2	3.7	3.9	4.5
At contracting establishments	10,642	10,011	8,762	9,470	10,605	3.7	3.4	3.0	3.2	3.6
At closing establishments	2,740	2,397	2,127	2,181	2,497	0.9	0.8	0.7	0.7	0.9
Net employment change ⁽²⁾	-2,103	-243	738	1,632	-514	-0.8	0.0	0.2	0.7	-0.2
Professional and business services										
Gross job gains	44,743	48,515	42,062	51,022	42,570	6.1	6.6	5.8	6.9	5.8
At expanding establishments	37,378	38,884	35,470	42,938	35,836	5.1	5.3	4.9	5.8	4.9
At opening establishments	7,365	9,631	6,592	8,084	6,734	1.0	1.3	0.9	1.1	0.9
Gross job losses	48,394	44,292	45,174	44,880	49,187	6.6	6.1	6.2	6.1	6.7
At contracting establishments	40,936	36,585	38,403	37,482	41,345	5.6	5.0	5.3	5.1	5.6
At closing establishments	7,458	7,707	6,771	7,398	7,842	1.0	1.1	0.9	1.0	1.1
Net employment change ⁽²⁾	-3,651	4,223	-3,112	6,142	-6,617	-0.5	0.5	-0.4	0.8	-0.9
Education and health services										
Gross job gains	38,778	33,750	37,242	38,583	36,289	4.3	3.7	4.1	4.3	4.0
At expanding establishments	33,573	28,835	33,216	34,268	31,904	3.7	3.2	3.7	3.8	3.5
At opening establishments	5,205	4,915	4,026	4,315	4,385	0.6	0.5	0.4	0.5	0.5
Gross job losses	38,189	35,293	36,143	36,892	38,423	4.3	3.9	4.0	4.0	4.2
At contracting establishments	32,240	30,791	25,665	32,263	33,144	3.6	3.4	2.8	3.5	3.6
At closing establishments	5,949	4,502	10,478	4,629	5,279	0.7	0.5	1.2	0.5	0.6
Net employment change ⁽²⁾	589	-1,543	1,099	1,691	-2,134	0.0	-0.2	0.1	0.3	-0.2
Leisure and hospitality										
Gross job gains	47,347	53,116	51,693	49,399	47,729	8.4	9.4	8.9	8.6	8.5
At expanding establishments	37,733	42,434	43,460	39,096	38,874	6.7	7.5	7.5	6.8	6.9
At opening establishments	9,614	10,682	8,233	10,303	8,855	1.7	1.9	1.4	1.8	1.6
Gross job losses	52,880	47,329	45,388	54,569	53,434	9.4	8.3	7.8	9.5	9.5
At contracting establishments	44,517	39,844	38,211	47,466	45,021	7.9	7.0	6.6	8.3	8.0
At closing establishments	8,363	7,485	7,177	7,103	8,413	1.5	1.3	1.2	1.2	1.5
Net employment change ⁽²⁾	-5,533	5,787	6,305	-5,170	-5,705	-1.0	1.1	1.1	-0.9	-1.0
Other services ⁽³⁾										
Gross job gains	10,045	11,058	9,824	10,887	10,178	6.5	7.2	6.5	7.1	6.6
At expanding establishments	8,330	9,011	8,333	9,225	8,297	5.4	5.9	5.5	6.0	5.4
At opening establishments	1,715	2,047	1,491	1,662	1,881	1.1	1.3	1.0	1.1	1.2
Gross job losses	11,112	10,417	9,339	9,704	11,073	7.3	6.8	6.1	6.4	7.2
At contracting establishments	9,466	8,582	7,741	7,928	9,250	6.2	5.6	5.1	5.2	6.0
At closing establishments	1,646	1,835	1,598	1,776	1,823	1.1	1.2	1.0	1.2	1.2
Net employment change ⁽²⁾	-1,067	641	485	1,183	-895	-0.8	0.4	0.4	0.7	-0.6

Footnotes:

(1) Includes unclassified sector not shown separately.

(2) The net employment change is the difference between total gross job gains and total gross job losses. See the Technical Note for further information.

(3) Except public administration.

Table 2. Private sector gross job gains and losses as a percent of total employment by state, seasonally adjusted

Category	Gross job gains as a percent of employment (3 months ended)					Gross job losses as a percent of employment (3 months ended)				
	Sept. 2018	Dec. 2018	Mar. 2019	June 2019	Sept. 2019	Sept. 2018	Dec. 2018	Mar. 2019	June 2019	Sept. 2019
United States ⁽¹⁾	6.0	6.3	5.9	6.0	5.8	6.0	5.6	5.5	5.9	5.8
Alabama	6.0	6.3	6.0	5.8	5.9	5.9	5.3	5.5	6.0	5.9
Alaska	8.9	11.0	10.0	10.8	9.5	10.7	9.8	9.0	10.2	10.1
Arizona	6.6	6.2	5.6	5.7	6.4	5.1	5.1	5.5	5.7	4.8
Arkansas	6.1	5.9	5.2	5.0	5.5	5.6	5.0	5.1	5.7	5.5
California	6.5	6.9	6.3	6.6	6.3	6.2	5.9	6.2	6.4	6.1
Colorado	6.6	6.8	6.6	7.0	6.6	6.8	6.0	6.3	6.2	6.4
Connecticut	5.3	5.3	5.2	5.8	5.5	5.7	4.9	5.7	5.9	5.8
Delaware	5.7	6.6	6.4	6.0	6.1	6.5	5.6	5.5	6.3	6.2
District of Columbia	5.3	5.6	5.4	5.4	5.4	5.5	5.1	4.9	5.5	5.4
Florida	6.8	6.4	6.1	6.5	6.5	5.8	6.1	5.6	6.3	5.7
Georgia	6.7	6.3	6.8	6.2	6.2	6.1	5.8	5.7	6.4	6.1
Hawaii	5.1	5.8	5.4	4.7	5.5	5.4	5.1	5.9	6.1	5.3
Idaho	6.8	7.4	7.5	7.1	6.9	6.9	6.3	6.1	6.7	6.8
Illinois	5.5	5.5	5.2	5.6	4.9	5.8	5.6	5.1	5.3	5.6
Indiana	5.2	5.6	5.9	5.2	5.4	5.4	5.0	4.8	5.8	5.7
Iowa	5.3	5.8	5.1	5.8	5.3	5.7	5.3	5.4	5.6	5.6
Kansas	5.9	6.1	5.4	5.7	5.7	5.7	5.4	5.7	5.7	5.6
Kentucky	5.8	6.1	5.8	5.8	5.8	6.0	5.4	5.5	5.9	5.7
Louisiana	6.3	6.2	5.9	6.0	5.9	6.3	5.8	5.9	6.5	6.1
Maine	6.1	7.3	7.2	7.5	6.4	7.5	6.7	6.4	7.5	7.2
Maryland	6.3	6.8	6.4	6.3	6.2	6.6	6.4	5.7	6.4	6.6
Massachusetts	5.6	5.8	5.7	6.0	5.3	6.1	5.3	5.2	5.7	5.9
Michigan	5.0	5.6	5.1	5.5	5.1	6.2	5.2	4.6	5.8	6.0
Minnesota	5.5	5.7	5.2	5.8	5.2	5.7	5.4	5.1	5.5	5.8
Mississippi	5.9	6.5	5.7	5.8	5.5	5.9	5.3	6.2	6.0	5.8
Missouri	5.9	5.8	5.4	5.6	5.8	6.0	5.4	5.3	5.8	5.8
Montana	7.2	8.9	7.6	8.0	7.3	7.9	7.2	8.0	7.7	7.7
Nebraska	5.9	5.9	5.7	5.7	5.6	5.9	5.7	5.6	5.7	5.5
Nevada	6.7	6.6	6.0	5.9	6.0	5.7	5.5	5.4	6.0	5.7
New Hampshire	5.7	6.6	6.3	6.4	5.8	6.8	5.7	5.7	6.3	6.6
New Jersey	6.0	6.4	5.7	6.2	6.0	6.4	5.7	5.6	5.8	6.1
New Mexico	6.4	6.8	6.4	6.3	6.7	6.4	6.1	5.8	6.3	6.1
New York	6.1	6.3	6.0	6.0	5.8	6.4	5.7	5.3	5.9	5.9
North Carolina	5.7	6.7	6.3	6.1	5.7	6.4	5.3	5.1	5.7	5.9
North Dakota	6.6	6.8	7.1	6.7	6.6	6.6	6.2	6.4	6.7	7.1
Ohio	5.4	5.6	5.5	5.6	5.3	5.8	5.3	5.1	5.7	5.8
Oklahoma	6.7	6.5	5.8	5.9	6.3	6.1	6.1	5.8	6.2	6.1
Oregon	6.2	6.7	6.3	6.3	6.2	6.3	6.0	5.8	6.1	6.2
Pennsylvania	5.4	5.3	5.1	5.2	5.2	5.2	4.8	4.8	5.3	5.2
Rhode Island	6.2	6.4	5.8	6.4	5.8	6.4	5.7	5.6	6.7	6.2
South Carolina	5.8	7.4	6.4	6.3	6.0	6.5	5.4	6.0	6.2	5.7
South Dakota	6.0	6.3	5.7	6.2	5.8	5.7	5.8	6.4	6.0	6.0
Tennessee	5.8	5.8	5.4	5.5	5.5	5.3	4.9	4.8	5.0	5.1
Texas	6.0	6.2	5.5	5.7	5.8	5.4	5.2	5.2	5.3	5.2
Utah	7.3	6.9	7.3	6.9	6.8	6.4	6.2	6.2	6.5	6.2
Vermont	6.9	7.4	6.7	6.9	6.3	7.6	6.8	6.3	7.1	7.6
Virginia	5.7	6.3	6.4	6.1	5.2	6.3	5.6	5.5	5.9	6.0
Washington	6.2	6.4	6.2	6.6	6.0	6.5	5.6	5.6	5.7	6.0
West Virginia	7.0	6.3	6.0	6.2	5.8	6.4	6.5	6.6	6.5	6.7
Wisconsin	5.1	5.4	5.1	5.5	4.8	5.9	5.0	4.8	5.3	5.8
Wyoming	8.3	10.0	8.6	8.5	8.5	8.4	7.8	7.8	9.6	8.7
Puerto Rico	7.2	6.0	7.1	6.4	6.1	5.8	6.8	5.1	5.8	5.4
Virgin Islands	12.8	7.9	11.9	8.8	11.2	5.9	7.1	7.4	6.1	6.6

Note: See footnotes at end of table.

Footnotes

(1) Totals for the United States do not include data for Puerto Rico or the Virgin Islands.