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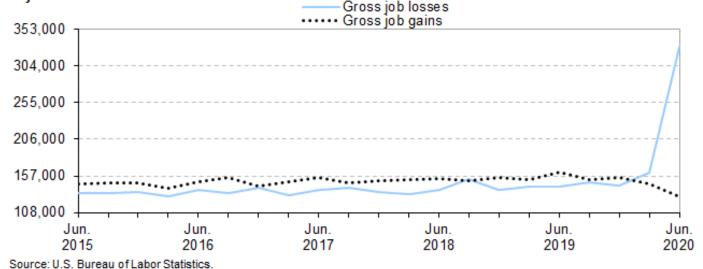
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# **Business Employment Dynamics in Colorado – Second Quarter 2020**

From March 2020 to June 2020, **gross job gains** from opening and expanding private-sector establishments in Colorado were 128,725, while **gross job losses** from closing and contracting private-sector establishments were 330,236, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Michael Hirniak noted that the difference between the number of gross job gains and the number of gross job losses yielded a **net employment loss** of 201,511 jobs in the private sector during the second quarter of 2020. During the previous quarter, gross job losses exceeded gross job gains by 15,044 jobs. (See chart 1.)

Chart 1. Private sector gross job gains and losses in Colorado, June 2015–June 2020, seasonally adjusted



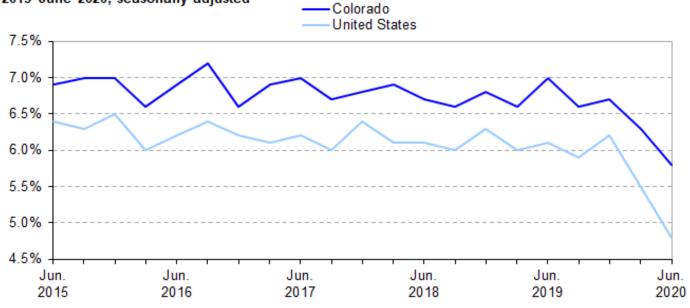
The change in the number of jobs over time is the net result of increases and decreases in employment that occur at all private businesses in the economy. Business Employment Dynamics (BED) statistics track these changes in employment at private-sector establishments from the third month of one quarter 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 second quarter of 2020, gross job gains represented 5.8 percent of private-sector employment in Colorado; nationally, gross job gains accounted for 4.8 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 Colorado, gross job gains at **expanding** establishments

totaled 98,012 in the second quarter of 2020, a decrease of 19,002 jobs compared to the previous quarter. (See table 1.) **Opening** establishments accounted for 30,713 jobs gained in the second quarter of 2020, an increase of 863 jobs from the previous quarter.

Chart 2. Private sector gross job gains as a percent of employment, United States and Colorado, June 2015–June 2020, seasonally adjusted

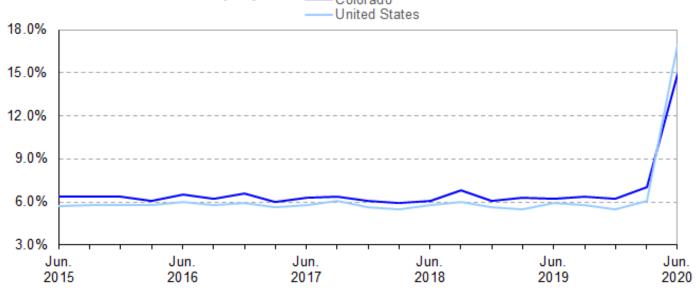


Source: U.S. Bureau of Labor Statistics.

### **Gross job losses**

In the second quarter of 2020, gross job losses represented 14.9 percent of private-sector employment in Colorado; nationally, gross job losses accounted for 17.0 percent of private-sector employment. (See chart 3.) Gross job losses are the result of contractions in employment at existing establishments and the loss of jobs at closing establishments. In Colorado, **contracting** establishments lost 285,426 jobs in the second quarter of 2020, an increase of 156,063 jobs lost from the prior quarter. **Closing** establishments lost 44,810 jobs, an increase of 12,265 jobs lost from the previous quarter.

Chart 3. Private sector gross job losses as a percent of employment, United States and Colorado, June 2015–June 2020, seasonally adjusted \_\_\_\_\_Colorado



Source: U.S. Bureau of Labor Statistics.

### **Industries**

Gross job losses exceeded gross job gains in all of the industry sectors in the second quarter of 2020. Leisure and hospitality had the largest over-the-quarter net job decrease among the sectors, with a loss of 83,231 jobs. This was the result of 16,799 gross job gains and 100,030 gross job losses. The professional and business services industry had a net loss of 26,288 jobs. Retail trade showed a net loss of 20,378 jobs. Colorado's education and health services industry sector had a net loss of 19,417 jobs. Each of the remaining sectors in the state lost fewer than 10,000 jobs in the second quarter of 2020.

### **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/.

The Business Employment Dynamics for Third Quarter 2020 are scheduled to be released on Wednesday, April 28, 2021.

## Coronavirus (COVID-19) Effect on Second Quarter 2020 Business Employment Dynamics

Data collection and processing methods have been impacted because of the COVID-19 pandemic. More detail can be found at www.bls.gov/covid19/effects-of-covid-19-pandemic-on-business-employment-dynamics.htm.

### **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 www.bls.gov/news.release/cewbd.htm.

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

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

Category			gains and j nonths end			Gross job gains and job losses as a percent of employment (3 months ended)				
	June 2019	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	June 2019	Sept. 2019	Dec. 2019	Mar. 2020	June 2020
Total private (1)										
Gross job gains	161,505	151,336	154,775	146,864	128,725	7.0	6.6	6.7	6.3	5.8
At expanding establishments	129,582	122,198	122,214	117,014	98,012	5.6	5.3	5.3	5.0	4.4
At opening establishments	31,923	29,138	32,561	29,850	30,713	1.4	1.3	1.4	1.3	1.4
Gross job losses	142,271	148,249	143,528	161,908	330,236	6.2	6.4	6.2	7.0	14.9
At contracting establishments	113,066	120,704	114,318	129,363	285,426	4.9	5.2	4.9	5.6	12.9
At closing establishments	29,205	27,545	29,210	32,545	44,810	1.3	1.2	1.3	1.4	2.0
Net employment change (2)	19,234	3,087	11,247	-15,044	-201,511	0.8	0.2	0.5	-0.7	-9.1
Construction										
Gross job gains	15,372	14,934	15,499	15,751	12,311	8.6	8.3	8.7	8.7	6.9
At expanding establishments	12,394	12,185	11,772	12,912	9,419	6.9	6.8	6.6	7.1	5.3
At opening establishments	2,978	2,749	3,727	2,839	2,892	1.7	1.5	2.1	1.6	1.6
Gross job losses	14,794	15,283	14,109	14,835	20,676	8.2	8.6	7.9	8.1	11.6
At contracting establishments	11,871	12,374	11,084	11,617	17,577	6.6	7.0	6.2	6.3	9.9
At closing establishments	2,923	2,909	3,025	3,218	3,099	1.6	1.6	1.7	1.8	1.7
Net employment change (2)	578	-349	1,390	916	-8,365	0.4	-0.3	0.8	0.6	-4.7
Manufacturing										
Gross job gains	5,510	5,246	5,637	5,551	4,502	3.6	3.5	3.8	3.7	3.0
At expanding establishments	4,862	4,595	4,917	4,822	3,848	3.2	3.1	3.3	3.2	2.6
At opening establishments	648	651	720	729	654	0.4	0.4	0.5	0.5	0.4
Gross job losses	5,866	5,596	5,348	5,576	11,736	3.9	3.7	3.5	3.7	8.0
At contracting establishments	5,011	4,705	4,582	4,852	10,422	3.3	3.1	3.0	3.2	7.1
At closing establishments	855	891	766	724	1,314	0.6	0.6	0.5	0.5	0.9
Net employment change (2)	-356	-350	289	-25	-7,234	-0.3	-0.2	0.3	0.0	-5.0
Wholesale trade										
Gross job gains	5,507	5,270	5,714	5,470	4,276	5.1	4.8	5.1	4.9	3.9
At expanding establishments	4,349	4,309	4,558	4,335	2,963	4.0	3.9	4.1	3.9	2.7
At opening establishments	1,158	961	1,156	1,135	1,313	1.1	0.9	1.0	1.0	1.2
Gross job losses	4,803	5,060	4,860	5,290	11,098	4.4	4.6	4.4	4.7	10.2
At contracting establishments	3,616	3,935	3,541	4,133	9,462	3.3	3.6	3.2	3.7	8.7
At closing establishments	1,187	1,125	1,319	1,157	1,636	1.1	1.0	1.2	1.0	1.5
Net employment change (2)	704	210	854	180	-6,822	0.7	0.2	0.7	0.2	-6.3
Retail trade										
Gross job gains	16,118	15,079	16,105	17,244	21,089	5.9	5.6	6.0	6.4	7.9
At expanding establishments	13,961	13,283	14,004	15,422	19,009	5.1	4.9	5.2	5.7	7.1
At opening establishments	2,157	1,796	2,101	1,822	2,080	0.8	0.7	0.8	0.7	0.8
Gross job losses	17,554	17,841	15,806	15,483	41,467	6.4	6.6	5.9	5.7	15.6
At contracting establishments	15,057	15,766	13,674	13,503	37,571	5.5	5.8	5.1	5.0	14.1
At closing establishments	2,497	2,075	2,132	1,980	3,896	0.9	0.8	0.8	0.7	1.5
Net employment change (2)	-1,436	-2,762	299	1,761	-20,378	-0.5	-1.0	0.1	0.7	-7.7
Transportation and warehousing										
Gross job gains	5,266	6,088	8,014	5,775	7,538	6.4	7.3	9.2	6.6	8.8
At expanding establishments	4,325	5,424	7,097	5,111	6,834	5.3	6.5	8.1	5.8	8.0
At opening establishments	941	664	917	664	704	1.1	0.8	1.1	0.8	0.8
Gross job losses	4,060	3,735	3,788	6,956	11,492	4.9	4.5	4.4	7.9	13.4
At contracting establishments	3,379	3,056	3,131	6,253	10,511	4.1	3.7	3.6	7.1	12.3
At closing establishments	681	679	657	703	981	0.8	0.8	0.8	0.8	1.1
Net employment change (2)	1,206	2,353	4,226	-1,181	-3,954	1.5	2.8	4.8	-1.3	-4.6
Information										
Gross job gains	3,954	3,551	3,550	3,111	2,077	5.3	4.7	4.6	4.0	2.8
At expanding establishments	3,535	3,103	3,019	2,625	1,721	4.7	4.1	3.9	3.4	2.3
At opening establishments	419	448	531	486	356	0.6	0.6	0.7	0.6	0.5
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Note: See footnotes at end of table.

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

Category			gains and j nonths end			Gross job gains and job losses as a percent of employment (3 months ended)					
	June 2019	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	June 2019	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	
At contracting establishments	2,812	2,599	2,774	2,672	5,716	3.7	3.4	3.6	3.4	7.5	
At closing establishments	518	560	390	577	782	0.7	0.7	0.5	0.7	1.0	
Net employment change (2)	624	392	386	-138	-4,421	0.9	0.6	0.5	-0.1	-5.7	
Financial activities											
Gross job gains	9,792	8,956	9,117	10,020	7,796	5.8	5.4	5.4	5.9	4.7	
At expanding establishments	7,060	6,661	6,301	7,749	4,752	4.2	4.0	3.7	4.6	2.9	
At opening establishments	2,732	2,295	2,816	2,271	3,044	1.6	1.4	1.7	1.3	1.8	
Gross job losses	9,383	8,247	9,008	9,950	12,893	5.6	5.0	5.4	5.9	7.8	
At contracting establishments	6,837	5,978	6,210	6,270	10,191	4.1	3.6	3.7	3.7	6.2	
At closing establishments	2,546	2,269	2,798	3,680	2,702	1.5	1.4	1.7	2.2	1.6	
Net employment change (2)	409	709	109	70	-5,097	0.2	0.4	0.0	0.0	-3.1	
Professional and business services											
Gross job gains	35,675	32,393	31,109	31,865	28,683	8.2	7.3	7.0	7.1	6.6	
At expanding establishments	27,780	24,461	22,877	24,538	20,741	6.4	5.5	5.1	5.5	4.8	
At opening establishments	7,895	7,932	8,232	7,327	7,942	1.8	1.8	1.9	1.6	1.8	
Gross job losses	28,904	29,305	30,415	30,377	54,971	6.6	6.7	6.9	6.8	12.7	
At contracting establishments	20,947	21,933	22,612	22,872	46,404	4.8	5.0	5.1	5.1	10.7	
At closing establishments	7,957	7,372	7,803	7,505	8,567	1.8	1.7	1.8	1.7	2.0	
Net employment change (2)	6,771	3,088	694	1,488	-26,288	1.6	0.6	0.1	0.3	-6.1	
Education and health services											
Gross job gains	16,717	16,475	16,095	15,427	13,765	4.9	4.8	4.6	4.5	4.1	
At expanding establishments	13,715	13,933	13,196	12,303	10,043	4.0	4.1	3.8	3.6	3.0	
At opening establishments	3,002	2,542	2,899	3,124	3,722	0.9	0.7	0.8	0.9	1.1	
Gross job losses	14,838	15,034	14,586	16,165	33,182	4.3	4.4	4.3	4.7	9.9	
At contracting establishments	11,666	11,909	11,527	12,815	28,550	3.4	3.5	3.4	3.7	8.5	
At closing establishments	3,172	3,125	3,059	3,350	4,632	0.9	0.9	0.9	1.0	1.4	
Net employment change (2)	1,879	1,441	1,509	-738	-19,417	0.6	0.4	0.3	-0.2	-5.8	
Leisure and hospitality											
Gross job gains	34,701	34,038	32,789	26,228	16,799	10.0	9.7	9.4	7.6	5.7	
At expanding establishments	28,710	26,930	26,453	20,049	12,925	8.3	7.7	7.6	5.8	4.4	
At opening establishments	5,991	7,108	6,336	6,179	3,874	1.7	2.0	1.8	1.8	1.3	
Gross job losses	28,962	34,533	32,123	41,319	100,030	8.3	9.9	9.2	12.0	34.2	
At contracting establishments	24,333	29,997	27,114	34,392	86,924	7.0	8.6	7.8	10.0	29.7	
At closing establishments	4,629	4,536	5,009	6,927	13,106	1.3	1.3	1.4	2.0	4.5	
Net employment change (2)	5,739	-495	666	-15,091	-83,231	1.7	-0.2	0.2	-4.4	-28.5	
Other services (3)											
Gross job gains	6,377	5,699	5,587	5,477	4,476	8.1	7.2	7.1	6.9	6.1	
At expanding establishments	4,860	4,337	4,032	3,944	2,776	6.2	5.5	5.1	5.0	3.8	
At opening establishments	1,517	1,362	1,555	1,533	1,700	1.9	1.7	2.0	1.9	2.3	
Gross job losses	4,893	5,736	5,386	6,989	14,379	6.2	7.2	6.8	8.9	19.6	
At contracting establishments	3,691	4,440	3,916	5,092	11,665	4.7	5.6	4.9	6.5	15.9	
At closing establishments	1,202	1,296	1,470	1,897	2,714	1.5	1.6	1.9	2.4	3.7	
Net employment change (2)	1,484	-37	201	-1,512	-9,903	1.9	0.0	0.3	-2.0	-13.5	

#### **Footnotes**

<sup>(1)</sup> Includes unclassified sector not shown separately.

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

 $<sup>{\</sup>it (3) Except public administration.}\\$ 

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

Category	Gross		as a percer nonths end		yment	Gross job losses as a percent of employment (3 months ended)					
	June 2019	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	June 2019	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	
United States(1)	6.1	5.9	6.2	5.5	4.8	5.9	5.8	5.5	6.1	17.0	
Alabama	5.9	5.8	6.2	5.5	4.8	5.9	5.9	5.5	5.9	12.6	
Alaska	10.7	9.6	10.3	9.2	6.9	10.1	10.1	10.2	9.5	24.5	
Arizona	5.7	6.3	6.4	5.6	5.7	5.6	4.9	5.2	5.9	11.7	
Arkansas	5.0	5.6	6.5	5.1	4.8	5.7	5.8	4.9	5.5	12.0	
California	6.6	6.3	6.8	6.1	5.2	6.4	6.0	6.0	6.7	18.6	
Colorado	7.0	6.6	6.7	6.3	5.8	6.2	6.4	6.2	7.0	14.9	
Connecticut	5.8	5.5	5.5	5.2	4.3	5.8	5.8	5.6	5.9	19.7	
Delaware	6.0	6.2	6.7	6.2	4.9	6.6	6.3	6.2	6.6	17.7	
District of Columbia	5.4	5.5	5.4	5.2	3.3	5.5	5.3	4.7	5.3	22.4	
Florida	6.5	6.6	6.6	5.4	6.1	6.3	5.8	5.9	6.2	13.9	
Georgia	6.1	6.2	6.5	5.6	5.4	6.5	6.0	5.5	5.9	15.0	
Hawaii	4.8	5.6	5.7	5.2	3.6	5.8	5.2	5.2	5.8	29.8	
Idaho	7.1	7.0	7.7	7.6	6.4	6.7	6.8	6.3	6.1	11.2	
Illinois	5.6	5.0	5.6	5.0	4.6	5.3	5.6	5.2	6.0	18.4	
Indiana	5.1	5.4	6.0	4.9	4.7	5.9	5.6	5.1	6.0	13.7	
lowa	5.8	5.3	5.8	5.2	4.4	5.8	5.7	5.5	5.9	13.0	
Kansas	5.7	5.6	6.3	5.4	5.0	5.8	5.7	5.7	6.0	13.3	
Kentucky	5.8	5.9	6.2	5.3	4.6	6.0	5.7	5.6	6.1	15.3	
Louisiana	6.2	5.9	5.9	5.3	4.5	6.5	6.1	5.7	6.3	16.9	
Maine	7.4	6.5	7.3	6.4	5.4	7.4	7.3	6.9	7.0	21.7	
Maryland	6.4	6.2	6.4	5.7	4.7	6.5	6.3	5.9	6.7	21.9	
Massachusetts	6.0	5.3	5.8	5.2	3.7	5.6	5.9	5.6	6.0	24.2	
Michigan	5.5	5.1	5.8	5.0	4.0	5.7	5.9	5.3	5.7	20.7	
Minnesota	5.8	5.4	5.8	5.0	4.3	5.5	5.8	5.6	5.6	17.6	
Mississippi	5.8	5.7	6.2	5.6	5.1	6.1	5.7	5.6	6.2	12.9	
Missouri	5.7	5.8	6.2	5.2	4.7	5.8	5.8	5.3	5.7	14.3	
Montana	8.1	7.4	8.6	7.7	6.8	7.7	7.7	7.2	7.7	13.8	
Nebraska	5.7	5.7	6.2	5.8	4.9	5.7	5.5	5.8	6.1	12.1	
Nevada	6.0	6.1	6.8	5.4	5.3	6.2	5.5	5.0	6.3	29.2	
New Hampshire	6.4	5.8	6.6	6.0	4.5	6.3	6.6	6.0	6.4	18.8	
New Jersey	6.2	6.0	6.5	5.7	4.6	5.9	6.2	5.8	6.3	28.1	
New Mexico	6.3	6.8	7.0	6.1	4.5	6.5	6.1	6.3	6.5	17.6	
New York	6.1	5.8	6.0	5.5	3.9	5.9	5.9	5.7	6.4	26.9	
North Carolina	6.0	5.8	6.3	5.8	4.8	5.9	6.0	5.4	5.7	14.5	
North Dakota	6.7	6.5	6.7	6.8	5.2	6.7	7.1	6.6	7.0	17.2	
Ohio	5.7	5.3	5.7	5.1	4.5	5.7	5.9	5.3	5.6	14.4	
Oklahoma	6.0	6.4	6.5	5.4	5.6	6.3	6.2	6.2	6.7	12.3	
Oregon	6.3	6.2	6.7	6.2	5.0	6.1	6.2	5.8	6.5	18.4	
Pennsylvania	5.3	5.2	5.4	4.9	3.6	5.4	5.1	4.9	5.6	18.2	
Rhode Island	6.3	6.0	6.5	6.1	4.5	6.5	6.2	5.9	6.5	25.2	
South Carolina	6.4	6.0	6.5	5.5	5.1	6.2	5.9	5.9	6.6	14.9	
South Dakota	6.2	5.9	6.4	6.0	5.1	5.9	6.0	5.8	6.6	11.6	
Tennessee	5.5	5.5	5.7	4.9	4.4	5.2	5.1	5.0	5.3	13.7	
Texas	5.8	5.9	6.0	5.0	4.7	5.3	5.3	5.1	5.5	13.6	
Utah	7.0	6.8	6.8	6.6	6.5	6.6	6.3	6.3	6.4	10.9	
Vermont	7.1	6.3	6.9	5.8	4.6	7.1	7.6	6.4	7.6	18.5	
Virginia	6.1	5.5	6.5	5.6	4.7	5.8	6.3	5.5	6.1	18.2	
Washington	6.6	6.1	6.6	7.4	4.9	5.8	6.1	5.8	7.4	16.9	
West Virginia	6.2	5.9	6.2	6.0	5.1	6.6	6.7	7.1	6.8	13.8	
Wisconsin	5.5	4.8	5.4	5.0	4.4	5.3	5.9	5.0	5.3	14.4	
Wyoming	8.5	8.6	9.4	8.6	6.4	9.5	8.9	8.7	9.3	18.1	
Puerto Rico	6.4	5.9	5.4	5.0	4.0	5.8	5.5	4.9	5.2	16.9	
Virgin Islands	8.9	12.0	10.3	7.2	5.3	6.9	6.4	7.3	8.3	19.8	

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.