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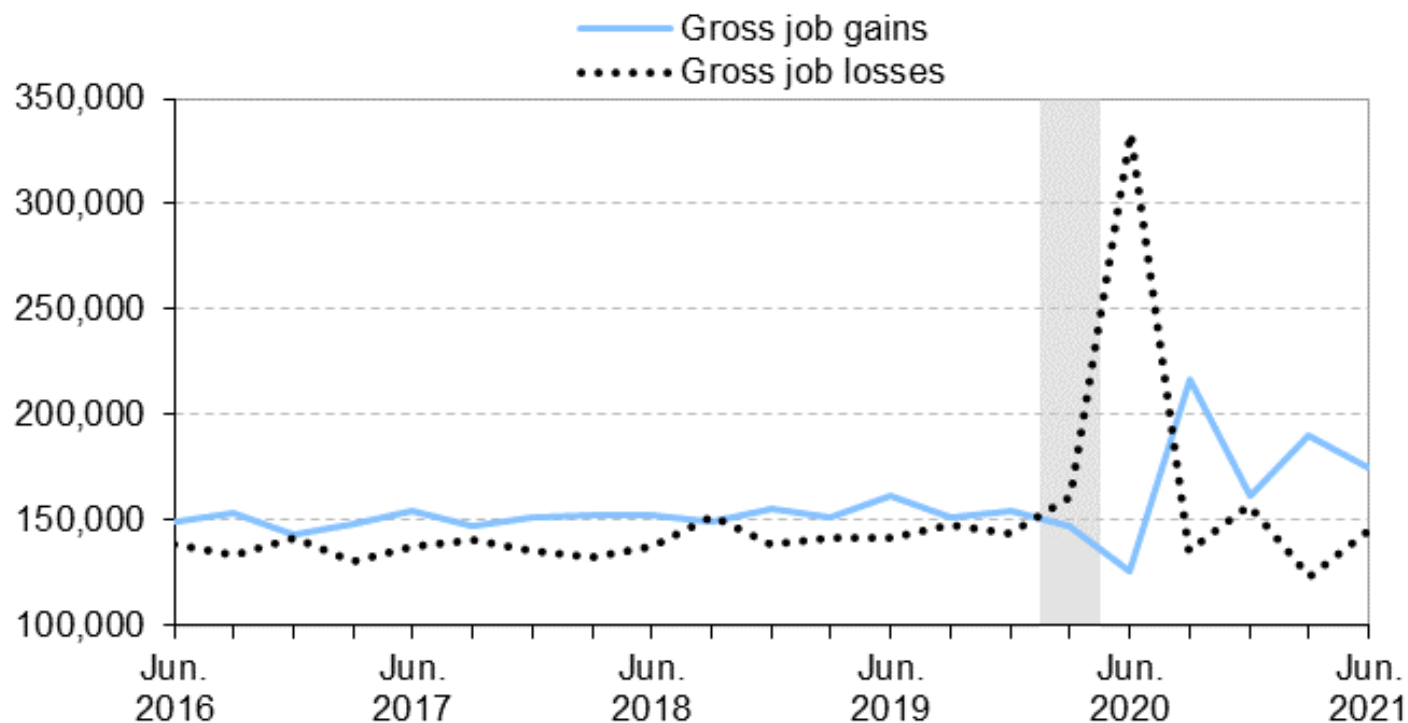
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Business Employment Dynamics in Colorado – Second Quarter 2021

From March 2021 to June 2021, **gross job gains** from opening and expanding private-sector establishments in Colorado were 175,095, while **gross job losses** from closing and contracting private-sector establishments were 145,073, 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 gain** of 30,022 jobs in the private sector during the second quarter of 2021. During the previous quarter, gross job gains exceeded gross job losses by 66,885. (See [chart 1.](#))

Chart 1. Private-sector gross job gains and losses in Colorado, June 2016–June 2021, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

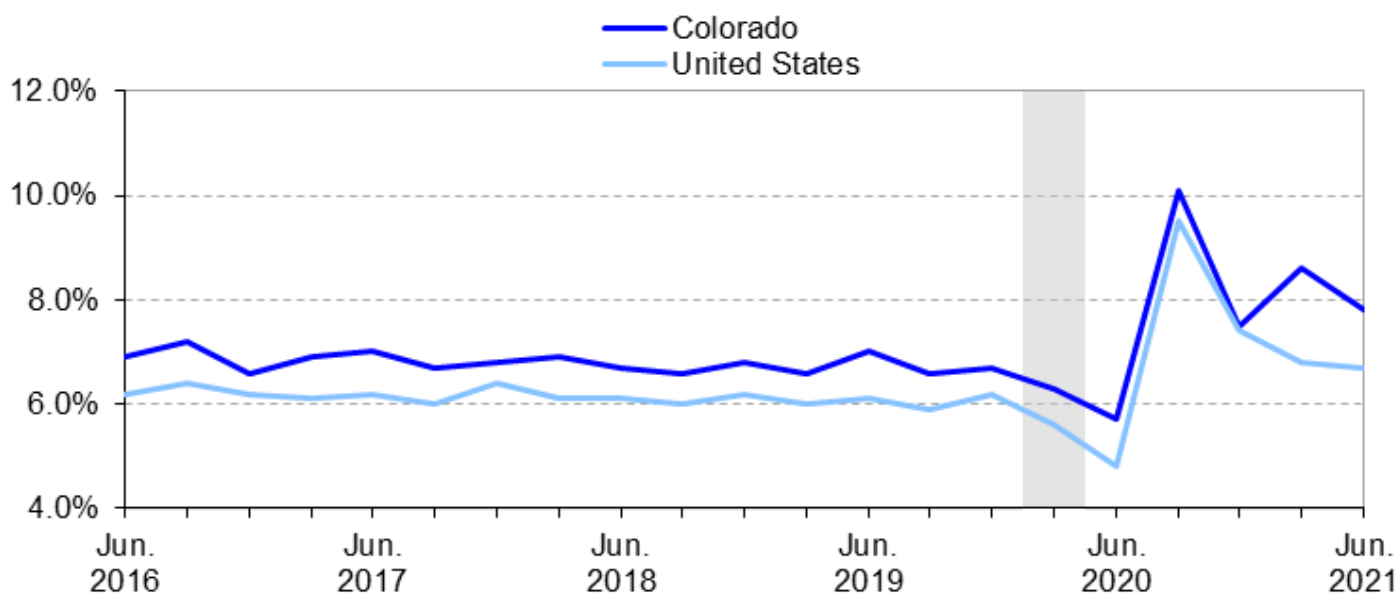
Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

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 2021, gross job gains represented 7.8 percent of private-sector employment in Colorado; nationally, gross job gains accounted for 6.7 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 141,178 in the second quarter of 2021, a decrease of 9,605 jobs compared to the previous quarter. (See [table 1](#).) **Opening** establishments accounted for 33,917 jobs gained in the second quarter of 2021, a decrease of 5,334 jobs from the previous quarter.

Chart 2. Private-sector gross job gains as a percent of employment, United States and Colorado, June 2016–June 2021, seasonally adjusted



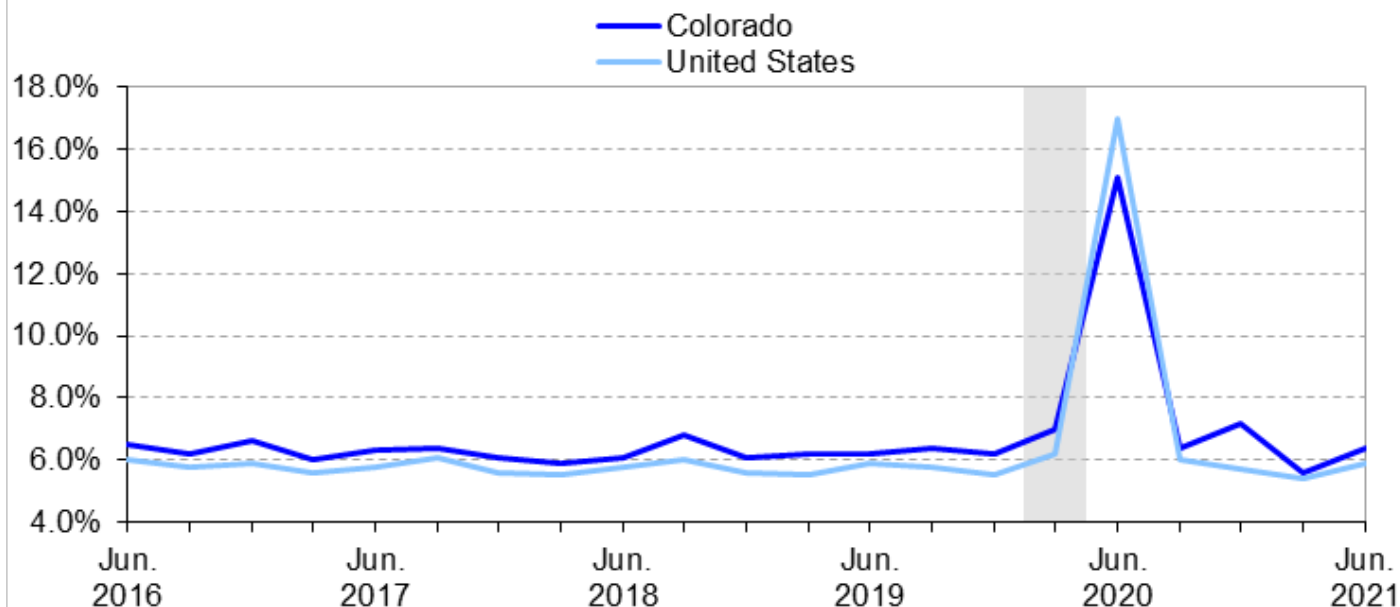
Source: U.S. Bureau of Labor Statistics.

Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

Gross job losses

In the second quarter of 2021, gross job losses represented 6.4 percent of private-sector employment in Colorado; nationally, gross job losses accounted for 5.9 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 114,739 jobs in the second quarter of 2021, an increase of 14,186 jobs from the prior quarter. **Closing** establishments lost 30,334 jobs, an increase of 7,738 jobs from the previous quarter.

Chart 3. Private-sector gross job losses as a percent of employment, United States and Colorado, June 2016–June 2021, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

Industries

Gross job gains exceeded gross job losses in 8 of the 11 industry sectors in Colorado in the second quarter of 2021. Leisure and hospitality had the largest over-the-quarter net job increase, with a gain of 24,365 jobs. This was the result of 45,895 gross job gains and 21,530 gross job losses. The professional and business services industry had a net gain of 5,141 jobs. Transportation and warehousing had a net loss of 2,212 jobs, the largest loss of any sector in the state. Colorado's construction industry sector had a net loss of 1,440 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/.

The Business Employment Dynamics for Third Quarter 2021 are scheduled to be released on Wednesday, April 27, 2022.

Coronavirus (COVID-19) Effect on Second Quarter 2021 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	Gross job gains and job losses (3 months ended)					Gross job gains and job losses as a percent of employment (3 months ended)				
	June 2020	Sept 2020	Dec. 2020	Mar. 2021	June 2021	June 2020	Sept 2020	Dec. 2020	Mar. 2021	June 2021
Total private ⁽¹⁾										
Gross job gains	126,401	216,809	161,665	190,034	175,095	5.7	10.1	7.5	8.6	7.8
At expanding establishments	96,016	177,740	129,426	150,783	141,178	4.3	8.3	6.0	6.8	6.3
At opening establishments	30,385	39,069	32,239	39,251	33,917	1.4	1.8	1.5	1.8	1.5
Gross job losses	333,840	135,842	157,038	123,149	145,073	15.1	6.4	7.2	5.6	6.4
At contracting establishments	287,983	104,061	125,752	100,553	114,739	13.0	4.9	5.8	4.6	5.1
At closing establishments	45,857	31,781	31,286	22,596	30,334	2.1	1.5	1.4	1.0	1.3
Net employment change ⁽²⁾	-207,439	80,967	4,627	66,885	30,022	-9.4	3.7	0.3	3.0	1.4
Construction										
Gross job gains	12,319	12,685	15,426	14,679	13,018	7.0	7.4	8.9	8.2	7.3
At expanding establishments	9,374	9,926	12,417	11,475	10,452	5.3	5.8	7.2	6.4	5.9
At opening establishments	2,945	2,759	3,009	3,204	2,566	1.7	1.6	1.7	1.8	1.4
Gross job losses	20,641	15,664	11,801	12,535	14,458	11.6	9.1	6.8	7.0	8.1
At contracting establishments	17,680	12,529	9,318	10,159	11,386	9.9	7.3	5.4	5.7	6.4
At closing establishments	2,961	3,135	2,483	2,376	3,072	1.7	1.8	1.4	1.3	1.7
Net employment change ⁽²⁾	-8,322	-2,979	3,625	2,144	-1,440	-4.6	-1.7	2.1	1.2	-0.8
Manufacturing										
Gross job gains	4,611	6,670	5,870	6,040	6,143	3.2	4.6	4.1	4.1	4.1
At expanding establishments	3,924	5,947	5,192	5,309	5,339	2.7	4.1	3.6	3.6	3.6
At opening establishments	687	723	678	731	804	0.5	0.5	0.5	0.5	0.5
Gross job losses	12,032	5,609	5,568	4,679	5,966	8.2	3.9	3.8	3.2	4.0
At contracting establishments	10,888	4,867	4,846	4,100	4,893	7.4	3.4	3.3	2.8	3.3
At closing establishments	1,144	742	722	579	1,073	0.8	0.5	0.5	0.4	0.7
Net employment change ⁽²⁾	-7,421	1,061	302	1,361	177	-5.0	0.7	0.3	0.9	0.1
Wholesale trade										
Gross job gains	4,204	6,367	5,691	5,450	5,821	3.9	6.0	5.3	5.0	5.3
At expanding establishments	2,904	5,158	4,509	4,265	4,738	2.7	4.9	4.2	3.9	4.3
At opening establishments	1,300	1,209	1,182	1,185	1,083	1.2	1.1	1.1	1.1	1.0
Gross job losses	11,126	4,903	4,251	4,244	5,335	10.3	4.6	3.9	3.9	4.9
At contracting establishments	9,509	3,644	3,042	3,273	3,815	8.8	3.4	2.8	3.0	3.5
At closing establishments	1,617	1,259	1,209	971	1,520	1.5	1.2	1.1	0.9	1.4
Net employment change ⁽²⁾	-6,922	1,464	1,440	1,206	486	-6.4	1.4	1.4	1.1	0.4
Retail trade										
Gross job gains	19,641	27,388	18,453	18,449	17,441	7.4	10.5	6.9	6.8	6.3
At expanding establishments	17,513	24,767	16,610	15,944	14,877	6.6	9.5	6.2	5.9	5.4
At opening establishments	2,128	2,621	1,843	2,505	2,564	0.8	1.0	0.7	0.9	0.9
Gross job losses	41,708	15,590	14,799	15,217	17,582	15.7	5.9	5.5	5.6	6.4
At contracting establishments	37,684	13,114	12,524	13,706	15,331	14.2	5.0	4.7	5.0	5.6
At closing establishments	4,024	2,476	2,275	1,511	2,251	1.5	0.9	0.8	0.6	0.8
Net employment change ⁽²⁾	-22,067	11,798	3,654	3,232	-141	-8.3	4.6	1.4	1.2	-0.1
Transportation and warehousing										
Gross job gains	7,107	9,394	9,953	5,700	5,224	8.4	11.2	11.2	6.2	5.8
At expanding establishments	6,413	8,225	8,992	5,069	4,204	7.6	9.8	10.1	5.5	4.7
At opening establishments	694	1,169	961	631	1,020	0.8	1.4	1.1	0.7	1.1
Gross job losses	11,877	5,062	4,843	7,176	7,436	14.1	6.1	5.4	7.9	8.2
At contracting establishments	10,798	4,339	4,304	6,643	6,939	12.8	5.2	4.8	7.3	7.7
At closing establishments	1,079	723	539	533	497	1.3	0.9	0.6	0.6	0.5
Net employment change ⁽²⁾	-4,770	4,332	5,110	-1,476	-2,212	-5.7	5.1	5.8	-1.7	-2.4
Information										
Gross job gains	2,111	4,122	3,045	3,548	4,130	2.7	5.6	4.1	4.7	5.5
At expanding establishments	1,773	3,313	2,322	2,870	3,453	2.3	4.5	3.1	3.8	4.6
At opening establishments	338	809	723	678	677	0.4	1.1	1.0	0.9	0.9
Gross job losses	6,683	3,282	3,692	2,545	3,723	8.8	4.4	5.0	3.4	4.9

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Colorado, 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)				
	June 2020	Sept 2020	Dec. 2020	Mar. 2021	June 2021	June 2020	Sept 2020	Dec. 2020	Mar. 2021	June 2021
At contracting establishments	5,761	2,588	2,883	2,004	2,808	7.6	3.5	3.9	2.7	3.7
At closing establishments	922	694	809	541	915	1.2	0.9	1.1	0.7	1.2
Net employment change ⁽²⁾	-4,572	840	-647	1,003	407	-6.1	1.2	-0.9	1.3	0.6
Financial activities										
Gross job gains	7,721	11,379	10,284	10,492	10,473	4.7	6.9	6.2	6.2	6.2
At expanding establishments	4,709	8,204	7,230	7,552	7,420	2.9	5.0	4.4	4.5	4.4
At opening establishments	3,012	3,175	3,054	2,940	3,053	1.8	1.9	1.8	1.7	1.8
Gross job losses	12,762	8,600	8,393	8,522	9,955	7.7	5.2	5.1	5.0	5.9
At contracting establishments	10,238	5,591	5,779	5,982	7,412	6.2	3.4	3.5	3.5	4.4
At closing establishments	2,524	3,009	2,614	2,540	2,543	1.5	1.8	1.6	1.5	1.5
Net employment change ⁽²⁾	-5,041	2,779	1,891	1,970	518	-3.0	1.7	1.1	1.2	0.3
Professional and business services										
Gross job gains	28,805	34,717	35,247	34,677	37,480	6.6	8.2	8.2	7.9	8.4
At expanding establishments	20,907	25,765	26,784	25,565	28,540	4.8	6.1	6.2	5.8	6.4
At opening establishments	7,898	8,952	8,463	9,112	8,940	1.8	2.1	2.0	2.1	2.0
Gross job losses	57,144	31,337	27,168	25,918	32,339	13.1	7.4	6.3	5.9	7.2
At contracting establishments	48,261	22,578	19,492	19,728	24,318	11.1	5.3	4.5	4.5	5.4
At closing establishments	8,883	8,759	7,676	6,190	8,021	2.0	2.1	1.8	1.4	1.8
Net employment change ⁽²⁾	-28,339	3,380	8,079	8,759	5,141	-6.5	0.8	1.9	2.0	1.2
Education and health services										
Gross job gains	13,336	22,333	18,771	17,023	17,449	4.0	6.8	5.7	5.1	5.1
At expanding establishments	9,678	18,791	15,243	13,780	14,070	2.9	5.7	4.6	4.1	4.1
At opening establishments	3,658	3,542	3,528	3,243	3,379	1.1	1.1	1.1	1.0	1.0
Gross job losses	32,495	14,461	14,783	13,543	16,746	9.7	4.4	4.4	4.0	4.9
At contracting establishments	28,528	11,171	11,546	11,069	12,971	8.5	3.4	3.4	3.3	3.8
At closing establishments	3,967	3,290	3,237	2,474	3,775	1.2	1.0	1.0	0.7	1.1
Net employment change ⁽²⁾	-19,159	7,872	3,988	3,480	703	-5.7	2.4	1.3	1.1	0.2
Leisure and hospitality										
Gross job gains	17,052	67,268	27,075	62,008	45,895	5.8	25.7	10.3	23.4	15.3
At expanding establishments	13,107	57,922	21,823	51,223	39,828	4.5	22.1	8.3	19.3	13.3
At opening establishments	3,945	9,346	5,252	10,785	6,067	1.3	3.6	2.0	4.1	2.0
Gross job losses	101,315	21,365	52,152	19,075	21,530	34.6	8.2	19.8	7.2	7.2
At contracting establishments	86,666	16,217	44,565	16,161	17,566	29.6	6.2	16.9	6.1	5.9
At closing establishments	14,649	5,148	7,587	2,914	3,964	5.0	2.0	2.9	1.1	1.3
Net employment change ⁽²⁾	-84,263	45,903	-25,077	42,933	24,365	-28.8	17.5	-9.5	16.2	8.1
Other services ⁽³⁾										
Gross job gains	4,478	9,023	5,638	5,923	6,713	6.1	12.8	7.8	8.1	9.0
At expanding establishments	2,780	6,766	3,978	4,342	5,122	3.8	9.6	5.5	5.9	6.9
At opening establishments	1,698	2,257	1,660	1,581	1,591	2.3	3.2	2.3	2.2	2.1
Gross job losses	14,287	4,674	5,840	5,103	5,463	19.5	6.6	8.0	7.0	7.3
At contracting establishments	11,485	3,437	4,524	3,960	3,735	15.7	4.9	6.2	5.4	5.0
At closing establishments	2,802	1,237	1,316	1,143	1,728	3.8	1.7	1.8	1.6	2.3
Net employment change ⁽²⁾	-9,809	4,349	-202	820	1,250	-13.4	6.2	-0.2	1.1	1.7

(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)				
	June 2020	Sept. 2020	Dec. 2020	Mar. 2021	June 2021	June 2020	Sept. 2020	Dec. 2020	Mar. 2021	June 2021
United States ⁽¹⁾	4.8	9.5	7.4	6.8	6.7	17.0	6.0	5.7	5.4	5.9
Alabama	4.7	7.8	7.6	5.9	6.2	12.6	5.9	5.5	5.9	6.0
Alaska	6.6	12.2	13.4	11.0	9.5	24.3	9.8	7.7	9.4	9.2
Arizona	5.8	7.8	7.3	6.3	6.8	11.8	6.1	5.0	5.5	6.0
Arkansas	4.8	7.6	7.2	5.9	5.5	12.1	5.7	5.2	5.1	5.6
California	5.3	8.9	8.5	7.7	7.8	18.6	7.1	6.1	5.9	6.4
Colorado	5.7	10.1	7.5	8.6	7.8	15.1	6.4	7.2	5.6	6.4
Connecticut	4.3	11.4	6.6	6.3	6.6	19.5	5.1	5.9	5.3	5.9
Delaware	4.9	10.3	6.8	6.8	6.4	17.0	6.4	6.0	6.0	6.4
District of Columbia	3.3	8.2	5.3	5.5	7.0	22.3	5.7	5.5	5.3	5.4
Florida	6.0	9.5	8.0	6.9	7.8	14.1	6.7	6.0	5.8	6.2
Georgia	5.3	9.3	7.9	6.7	6.9	14.9	6.5	5.2	5.7	6.2
Hawaii	3.6	7.5	14.7	8.5	10.7	30.3	12.2	4.6	5.9	5.6
Idaho	6.3	8.4	8.7	8.1	7.2	11.2	6.4	6.1	5.7	7.2
Illinois	4.5	9.7	6.5	7.2	6.0	18.2	5.6	6.1	4.9	5.6
Indiana	4.6	8.3	6.8	6.0	5.7	13.5	5.2	5.0	5.1	6.0
Iowa	4.4	7.5	6.8	6.1	6.0	13.0	5.5	5.1	5.4	6.0
Kansas	5.0	7.9	7.0	6.2	6.2	13.3	5.9	5.9	5.5	6.1
Kentucky	4.6	9.0	7.3	7.3	6.4	15.2	5.1	6.1	5.1	6.5
Louisiana	4.4	9.1	8.7	6.4	6.8	16.8	7.0	5.6	5.9	6.2
Maine	5.2	12.3	8.5	9.0	7.7	21.9	6.0	6.3	6.3	7.8
Maryland	4.8	11.2	7.3	6.3	6.6	21.5	5.5	5.8	5.5	6.6
Massachusetts	3.7	12.4	7.0	6.6	6.9	24.2	5.4	5.5	5.0	5.7
Michigan	4.0	10.9	6.7	8.5	6.2	20.5	4.8	6.9	4.9	5.6
Minnesota	4.2	9.0	6.9	9.2	6.1	17.6	5.4	6.8	4.9	5.5
Mississippi	5.0	8.7	8.0	5.6	6.4	12.9	5.5	4.9	6.6	6.5
Missouri	4.6	8.5	7.1	6.3	6.0	14.4	5.7	5.2	5.3	6.3
Montana	6.8	9.9	9.4	8.8	8.3	13.9	7.2	6.8	6.9	8.1
Nebraska	4.8	8.2	6.8	6.5	6.2	12.2	5.8	5.5	6.2	6.0
Nevada	5.3	12.9	8.8	7.3	9.5	29.5	6.4	5.7	5.5	5.7
New Hampshire	4.5	11.8	7.4	7.4	7.0	18.8	5.3	6.4	5.4	6.4
New Jersey	4.8	15.7	8.1	7.0	7.2	28.3	5.6	5.9	5.6	5.7
New Mexico	4.5	8.5	7.3	8.5	7.1	17.7	6.1	7.5	5.7	6.6
New York	3.9	13.3	7.4	6.9	7.1	26.9	5.9	6.3	5.4	5.7
North Carolina	4.9	8.7	7.9	6.6	6.4	14.6	5.6	5.0	5.4	5.8
North Dakota	5.3	8.9	7.2	7.8	6.9	17.1	6.9	7.1	6.5	6.5
Ohio	4.5	7.8	6.6	6.1	5.9	14.4	5.3	5.2	5.0	5.8
Oklahoma	5.5	7.1	7.9	6.1	6.5	12.3	6.6	5.8	6.1	6.0
Oregon	5.0	9.0	7.4	8.5	6.6	18.2	6.3	6.5	5.6	6.6
Pennsylvania	3.6	10.3	6.2	6.4	5.6	18.3	4.9	5.3	4.6	5.3
Rhode Island	4.5	13.0	7.6	9.8	7.0	25.1	5.3	7.1	5.5	6.4
South Carolina	5.0	8.8	8.0	6.2	6.3	14.6	5.9	5.2	6.1	6.5
South Dakota	5.1	8.6	7.2	7.3	6.8	11.5	5.5	6.2	6.0	5.8
Tennessee	4.4	8.1	7.5	5.6	5.9	13.9	5.5	4.6	5.0	5.8
Texas	4.7	7.3	7.6	5.7	6.7	13.8	6.1	4.8	5.0	5.4
Utah	6.6	9.1	8.1	7.1	6.9	10.9	6.3	5.6	6.1	6.0
Vermont	4.6	12.9	7.6	8.2	8.4	18.4	5.8	8.0	6.1	6.8
Virginia	4.6	10.4	7.0	6.0	6.2	18.3	5.4	5.3	5.4	6.0
Washington	4.8	8.9	7.2	7.9	6.7	17.4	6.3	6.1	5.4	5.8
West Virginia	5.1	8.9	7.4	7.2	6.5	14.1	6.9	6.2	5.8	6.4
Wisconsin	4.3	7.6	6.3	5.8	5.8	14.4	5.1	5.1	4.7	5.4
Wyoming	6.4	10.8	10.0	9.1	8.8	17.9	7.7	7.7	8.3	8.5
Puerto Rico	4.1	11.1	6.6	6.6	7.7	16.9	5.1	4.9	5.0	5.0
Virgin Islands	5.3	7.8	9.9	7.4	10.6	18.8	12.5	5.8	10.8	6.2

Note: See footnotes at end of table.

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