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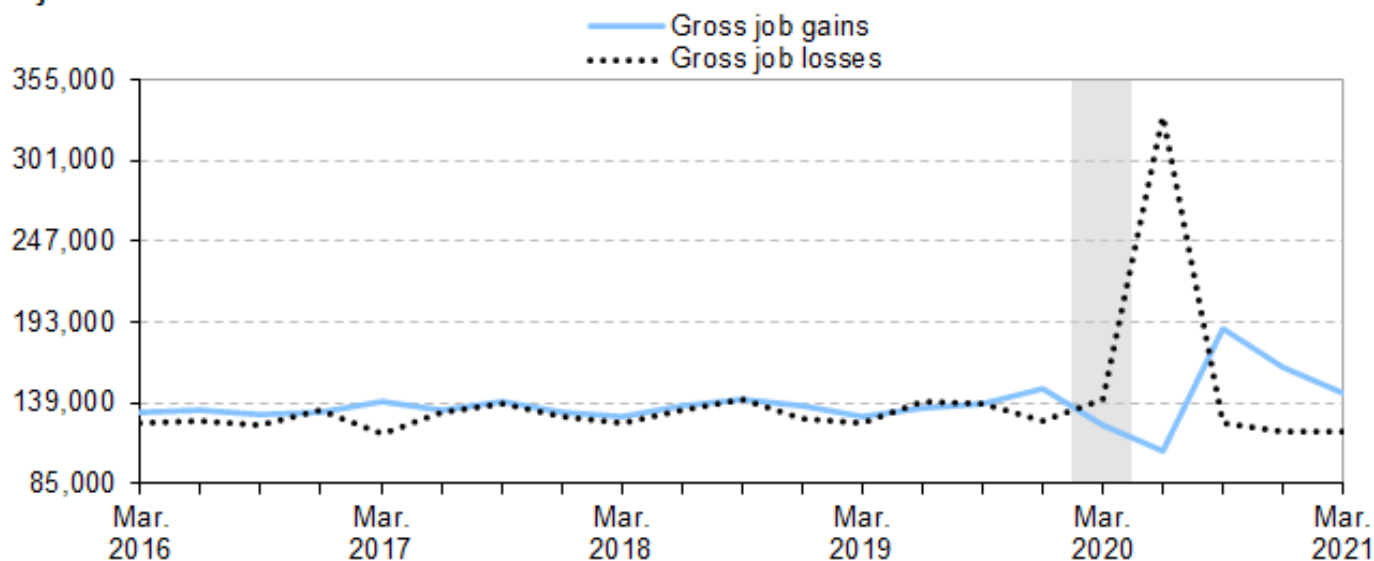
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Business Employment Dynamics in Missouri – First Quarter 2021

From December 2020 to March 2021, **gross job gains** from opening and expanding private-sector establishments in Missouri were 145,842, while **gross job losses** from closing and contracting private-sector establishments were 120,759, 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 25,083 jobs in the private sector during the first quarter of 2021. During the previous quarter, gross job gains exceeded gross job losses by 42,741. (See [chart 1.](#))

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



Source: U.S. Bureau of Labor Statistics.

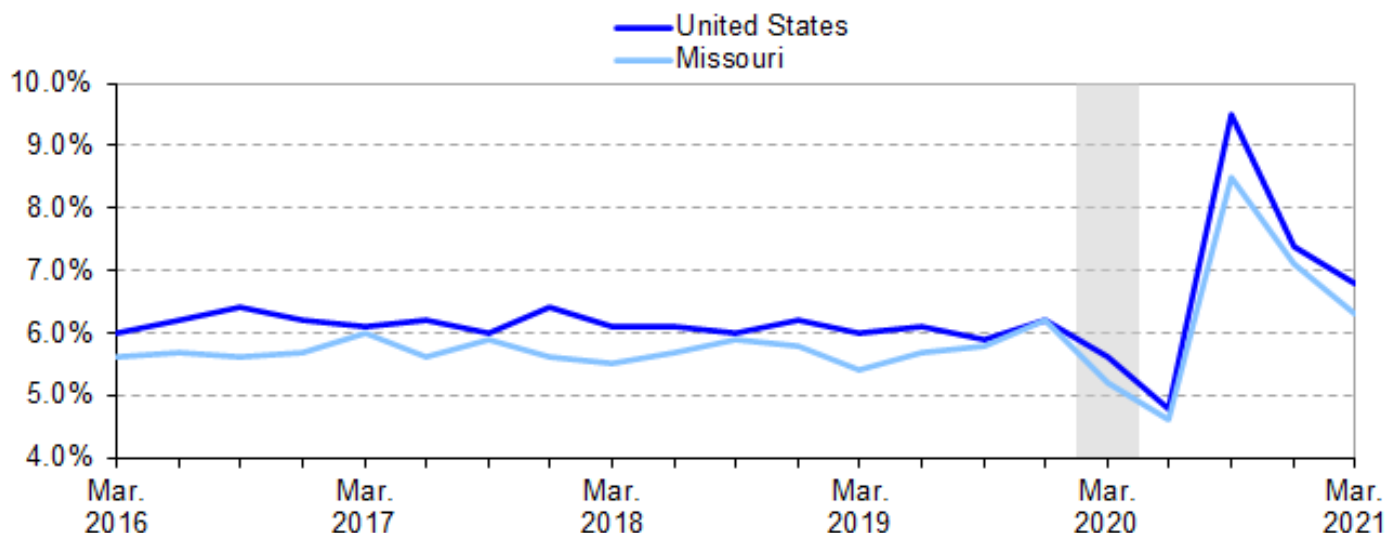
Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

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 the [Technical Note.](#))

Gross job gains

In the first quarter of 2021, gross job gains represented 6.3 percent of private-sector employment in Missouri; nationally, gross job gains accounted for 6.8 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 Missouri, gross job gains at **expanding** establishments totaled 119,944 in the first quarter of 2021, a decrease of 12,991 jobs compared to the previous quarter. (See [table 1.](#)) **Opening** establishments accounted for 25,898 jobs gained in the first quarter of 2021, a decrease of 3,822 jobs from the previous quarter.

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



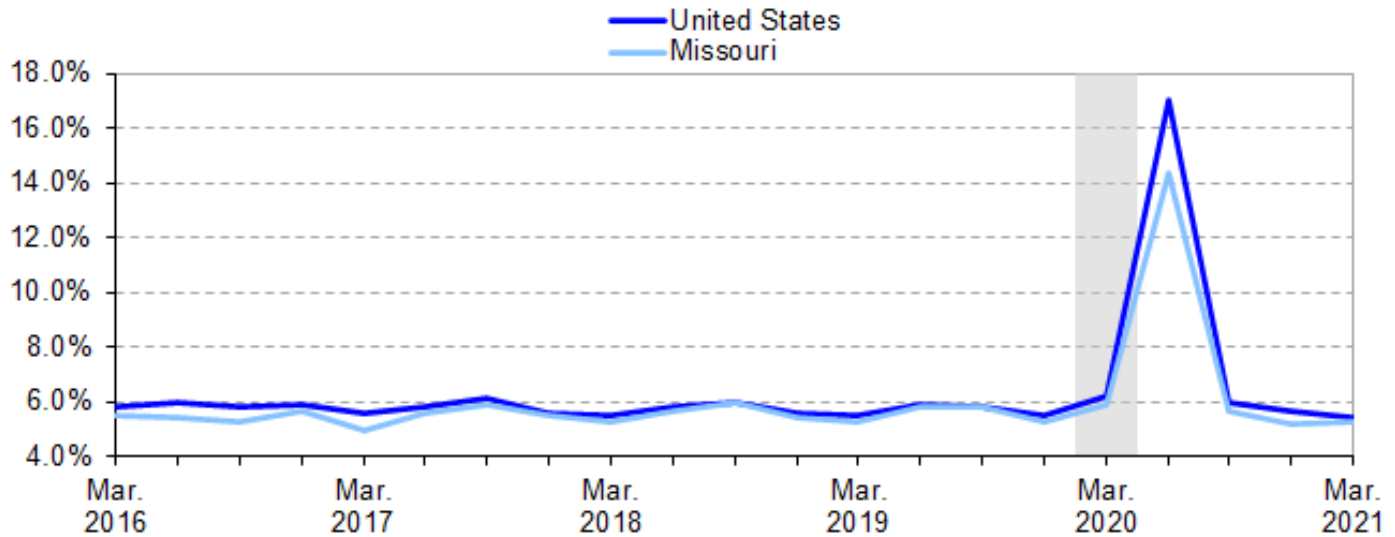
Source: U.S. Bureau of Labor Statistics.

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

Gross job losses

In the first quarter of 2021, gross job losses represented 5.3 percent of private-sector employment in Missouri; nationally, gross job losses accounted for 5.4 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 Missouri, **contracting** establishments lost 100,942 jobs in the first quarter of 2021, an increase of 4,062 jobs from the prior quarter. **Closing** establishments lost 19,817 jobs, a decrease of 3,217 jobs from the previous quarter.

Chart 3. Private-sector gross job losses as a percent of employment, United States and Missouri, March 2016–March 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 all 11 industry sectors in Missouri in the first quarter of 2021. Leisure and hospitality had the largest over-the-quarter net job increase, with a gain of 15,139 jobs. This was the result of 30,933 gross job gains and 15,794 gross job losses. The retail trade industry had a net gain of 2,818 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 Second Quarter 2021 are scheduled to be released on Wednesday, January 26, 2022.

Coronavirus (COVID-19) Effect on First 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, Missouri, 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)				
	Mar. 2020	June 2020	Sept 2020	Dec. 2020	Mar. 2021	Mar. 2020	June 2020	Sept 2020	Dec. 2020	Mar. 2021
Total private ⁽¹⁾										
Gross job gains	123,860	107,428	189,558	162,655	145,842	5.2	4.6	8.5	7.1	6.3
At expanding establishments	100,456	83,908	151,555	132,935	119,944	4.2	3.6	6.8	5.8	5.2
At opening establishments	23,404	23,520	38,003	29,720	25,898	1.0	1.0	1.7	1.3	1.1
Gross job losses	141,712	330,790	125,598	119,914	120,759	5.9	14.4	5.7	5.2	5.3
At contracting establishments	116,212	282,402	102,006	96,880	100,942	4.8	12.3	4.6	4.2	4.4
At closing establishments	25,500	48,388	23,592	23,034	19,817	1.1	2.1	1.1	1.0	0.9
Net employment change ⁽²⁾	-17,852	-223,362	63,960	42,741	25,083	-0.7	-9.8	2.8	1.9	1.0
Construction										
Gross job gains	11,359	10,086	11,545	13,064	12,258	8.7	8.0	9.3	10.3	9.4
At expanding establishments	8,905	7,707	8,688	10,635	9,413	6.8	6.1	7.0	8.4	7.2
At opening establishments	2,454	2,379	2,857	2,429	2,845	1.9	1.9	2.3	1.9	2.2
Gross job losses	11,820	14,958	11,316	8,976	9,964	9.1	11.8	9.1	7.1	7.6
At contracting establishments	9,055	12,831	9,459	7,062	8,183	7.0	10.1	7.6	5.6	6.2
At closing establishments	2,765	2,127	1,857	1,914	1,781	2.1	1.7	1.5	1.5	1.4
Net employment change ⁽²⁾	-461	-4,872	229	4,088	2,294	-0.4	-3.8	0.2	3.2	1.8
Manufacturing										
Gross job gains	6,848	6,019	12,495	10,054	7,741	2.4	2.2	4.7	3.7	2.9
At expanding establishments	6,230	5,125	11,648	9,185	7,279	2.2	1.9	4.4	3.4	2.7
At opening establishments	618	894	847	869	462	0.2	0.3	0.3	0.3	0.2
Gross job losses	8,020	20,391	7,976	6,744	7,575	2.9	7.5	3.0	2.5	2.8
At contracting establishments	7,021	19,197	7,315	5,993	6,986	2.5	7.1	2.8	2.2	2.6
At closing establishments	999	1,194	661	751	589	0.4	0.4	0.2	0.3	0.2
Net employment change ⁽²⁾	-1,172	-14,372	4,519	3,310	166	-0.5	-5.3	1.7	1.2	0.1
Wholesale trade										
Gross job gains	4,620	5,705	6,411	5,612	5,308	3.8	4.7	5.4	4.6	4.4
At expanding establishments	3,928	4,590	5,357	4,612	4,567	3.2	3.8	4.5	3.8	3.8
At opening establishments	692	1,115	1,054	1,000	741	0.6	0.9	0.9	0.8	0.6
Gross job losses	5,495	9,590	5,250	4,456	4,498	4.5	8.0	4.4	3.7	3.8
At contracting establishments	4,289	8,407	4,307	3,760	3,714	3.5	7.0	3.6	3.1	3.1
At closing establishments	1,206	1,183	943	696	784	1.0	1.0	0.8	0.6	0.7
Net employment change ⁽²⁾	-875	-3,885	1,161	1,156	810	-0.7	-3.3	1.0	0.9	0.6
Retail trade										
Gross job gains	16,125	18,651	23,983	17,158	17,421	5.3	6.2	8.2	5.8	5.8
At expanding establishments	14,511	16,438	21,177	15,460	15,281	4.8	5.5	7.2	5.2	5.1
At opening establishments	1,614	2,213	2,806	1,698	2,140	0.5	0.7	1.0	0.6	0.7
Gross job losses	17,082	37,481	17,381	14,840	14,603	5.7	12.6	6.0	5.1	4.9
At contracting establishments	14,196	33,552	15,462	12,615	13,246	4.7	11.3	5.3	4.3	4.4
At closing establishments	2,886	3,929	1,919	2,225	1,357	1.0	1.3	0.7	0.8	0.5
Net employment change ⁽²⁾	-957	-18,830	6,602	2,318	2,818	-0.4	-6.4	2.2	0.7	0.9
Transportation and warehousing										
Gross job gains	5,304	7,564	7,400	10,913	8,621	5.3	7.9	7.7	11.0	8.4
At expanding establishments	4,584	6,709	6,210	9,961	7,734	4.6	7.0	6.5	10.0	7.5
At opening establishments	720	855	1,190	952	887	0.7	0.9	1.2	1.0	0.9
Gross job losses	8,714	10,451	5,344	4,600	7,928	8.7	10.9	5.6	4.6	7.7
At contracting establishments	7,814	9,396	4,470	3,967	7,194	7.8	9.8	4.7	4.0	7.0
At closing establishments	900	1,055	874	633	734	0.9	1.1	0.9	0.6	0.7
Net employment change ⁽²⁾	-3,410	-2,887	2,056	6,313	693	-3.4	-3.0	2.1	6.4	0.7
Information										
Gross job gains	1,771	1,297	3,122	4,422	2,190	3.9	3.0	7.3	10.0	4.9
At expanding establishments	1,377	1,084	2,235	1,944	1,569	3.0	2.5	5.2	4.4	3.5
At opening establishments	394	213	887	2,478	621	0.9	0.5	2.1	5.6	1.4
Gross job losses	2,031	5,065	2,239	2,106	1,867	4.4	11.5	5.3	4.8	4.2

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Missouri, 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)				
	Mar. 2020	June 2020	Sept 2020	Dec. 2020	Mar. 2021	Mar. 2020	June 2020	Sept 2020	Dec. 2020	Mar. 2021
At contracting establishments	1,664	3,891	1,942	1,732	1,434	3.6	8.8	4.6	3.9	3.2
At closing establishments	367	1,174	297	374	433	0.8	2.7	0.7	0.9	1.0
Net employment change ⁽²⁾	-260	-3,768	883	2,316	323	-0.5	-8.5	2.0	5.2	0.7
Financial activities										
Gross job gains	7,186	6,259	9,325	9,326	8,348	4.3	3.8	5.7	5.6	5.0
At expanding establishments	5,634	4,619	7,382	7,393	6,868	3.4	2.8	4.5	4.4	4.1
At opening establishments	1,552	1,640	1,943	1,933	1,480	0.9	1.0	1.2	1.2	0.9
Gross job losses	7,433	10,686	7,343	6,714	7,335	4.5	6.5	4.5	4.0	4.4
At contracting establishments	5,842	9,028	5,413	5,338	5,895	3.5	5.5	3.3	3.2	3.5
At closing establishments	1,591	1,658	1,930	1,376	1,440	1.0	1.0	1.2	0.8	0.9
Net employment change ⁽²⁾	-247	-4,427	1,982	2,612	1,013	-0.2	-2.7	1.2	1.6	0.6
Professional and business services										
Gross job gains	23,375	17,644	32,972	33,213	23,745	6.1	4.8	9.3	9.0	6.4
At expanding establishments	18,595	13,311	26,336	27,561	18,996	4.9	3.6	7.4	7.5	5.1
At opening establishments	4,780	4,333	6,636	5,652	4,749	1.2	1.2	1.9	1.5	1.3
Gross job losses	24,659	49,339	24,208	21,236	23,691	6.4	13.4	6.7	5.8	6.4
At contracting establishments	19,985	42,240	19,402	16,360	19,568	5.2	11.5	5.4	4.5	5.3
At closing establishments	4,674	7,099	4,806	4,876	4,123	1.2	1.9	1.3	1.3	1.1
Net employment change ⁽²⁾	-1,284	-31,695	8,764	11,977	54	-0.3	-8.6	2.6	3.2	0.0
Education and health services										
Gross job gains	17,996	15,581	26,085	25,129	22,068	3.9	3.4	5.9	5.6	4.9
At expanding establishments	12,804	10,047	19,428	18,881	16,251	2.8	2.2	4.4	4.2	3.6
At opening establishments	5,192	5,534	6,657	6,248	5,817	1.1	1.2	1.5	1.4	1.3
Gross job losses	20,894	42,255	20,016	18,604	20,825	4.5	9.4	4.5	4.2	4.6
At contracting establishments	16,223	34,740	14,603	13,225	15,857	3.5	7.7	3.3	3.0	3.5
At closing establishments	4,671	7,515	5,413	5,379	4,968	1.0	1.7	1.2	1.2	1.1
Net employment change ⁽²⁾	-2,898	-26,674	6,069	6,525	1,243	-0.6	-6.0	1.4	1.4	0.3
Leisure and hospitality										
Gross job gains	22,532	13,522	46,805	25,776	30,933	7.2	5.0	19.4	10.2	11.9
At expanding establishments	18,742	10,546	35,921	21,066	26,349	6.0	3.9	14.9	8.3	10.1
At opening establishments	3,790	2,976	10,884	4,710	4,584	1.2	1.1	4.5	1.9	1.8
Gross job losses	28,058	114,984	18,536	25,346	15,794	9.1	42.6	7.7	10.0	6.1
At contracting establishments	24,149	95,830	14,960	21,843	13,456	7.8	35.5	6.2	8.6	5.2
At closing establishments	3,909	19,154	3,576	3,503	2,338	1.3	7.1	1.5	1.4	0.9
Net employment change ⁽²⁾	-5,526	-101,462	28,269	430	15,139	-1.9	-37.6	11.7	0.2	5.8
Other services ⁽³⁾										
Gross job gains	5,016	3,510	7,888	5,481	5,235	6.9	5.2	12.2	8.2	7.8
At expanding establishments	3,732	2,361	5,962	4,147	3,913	5.1	3.5	9.2	6.2	5.8
At opening establishments	1,284	1,149	1,926	1,334	1,322	1.8	1.7	3.0	2.0	2.0
Gross job losses	5,293	13,571	4,247	4,888	4,688	7.3	20.0	6.5	7.3	7.0
At contracting establishments	4,000	11,553	3,177	3,796	3,637	5.5	17.0	4.9	5.7	5.4
At closing establishments	1,293	2,018	1,070	1,092	1,051	1.8	3.0	1.6	1.6	1.6
Net employment change ⁽²⁾	-277	-10,061	3,641	593	547	-0.4	-14.8	5.7	0.9	0.8

(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)				
	Mar. 2020	June 2020	Sept. 2020	Dec. 2020	Mar. 2021	Mar. 2020	June 2020	Sept. 2020	Dec. 2020	Mar. 2021
United States ⁽¹⁾	5.6	4.8	9.5	7.4	6.8	6.2	17.0	6.0	5.7	5.4
Alabama	5.5	4.7	7.8	7.6	5.9	5.9	12.6	5.9	5.5	5.9
Alaska	9.3	6.6	12.2	13.4	11.0	9.9	24.3	9.8	7.7	9.4
Arizona	5.7	5.8	7.8	7.3	6.3	6.0	11.8	6.1	5.0	5.5
Arkansas	5.1	4.8	7.6	7.2	5.9	5.6	12.1	5.7	5.2	5.1
California	6.1	5.3	8.9	8.5	7.7	6.9	18.6	7.1	6.1	5.9
Colorado	6.3	5.7	10.1	7.5	8.6	7.0	15.1	6.4	7.2	5.6
Connecticut	5.9	4.3	11.4	6.6	6.3	6.0	19.5	5.1	5.9	5.3
Delaware	6.1	4.9	10.3	6.8	6.8	6.7	17.0	6.4	6.0	6.0
District of Columbia	5.3	3.3	8.2	5.3	5.5	5.4	22.3	5.7	5.5	5.3
Florida	5.5	6.0	9.5	8.0	6.9	6.2	14.1	6.7	6.0	5.8
Georgia	5.7	5.3	9.3	7.9	6.7	6.3	14.9	6.5	5.2	5.7
Hawaii	5.4	3.6	7.5	14.7	8.5	5.9	30.3	12.2	4.6	5.9
Idaho	7.6	6.3	8.4	8.7	8.1	6.1	11.2	6.4	6.1	5.7
Illinois	5.0	4.5	9.7	6.5	7.2	6.0	18.2	5.6	6.1	4.9
Indiana	4.9	4.6	8.3	6.8	6.0	6.0	13.5	5.2	5.0	5.1
Iowa	5.4	4.4	7.5	6.8	6.1	6.0	13.0	5.5	5.1	5.4
Kansas	5.4	5.0	7.9	7.0	6.2	6.0	13.3	5.9	5.9	5.5
Kentucky	5.5	4.6	9.0	7.3	7.3	6.1	15.2	5.1	6.1	5.1
Louisiana	5.4	4.4	9.1	8.7	6.4	6.5	16.8	7.0	5.6	5.9
Maine	6.7	5.2	12.3	8.5	9.0	7.3	21.9	6.0	6.3	6.3
Maryland	5.7	4.8	11.2	7.3	6.3	6.8	21.5	5.5	5.8	5.5
Massachusetts	5.2	3.7	12.4	7.0	6.6	6.1	24.2	5.4	5.5	5.0
Michigan	5.1	4.0	10.9	6.7	8.5	5.7	20.5	4.8	6.9	4.9
Minnesota	5.0	4.2	9.0	6.9	9.2	5.7	17.6	5.4	6.8	4.9
Mississippi	5.5	5.0	8.7	8.0	5.6	6.4	12.9	5.5	4.9	6.6
Missouri	5.2	4.6	8.5	7.1	6.3	5.9	14.4	5.7	5.2	5.3
Montana	7.5	6.8	9.9	9.4	8.8	7.8	13.9	7.2	6.8	6.9
Nebraska	5.8	4.8	8.2	6.8	6.5	6.1	12.2	5.8	5.5	6.2
Nevada	5.3	5.3	12.9	8.8	7.3	6.4	29.5	6.4	5.7	5.5
New Hampshire	6.1	4.5	11.8	7.4	7.4	6.5	18.8	5.3	6.4	5.4
New Jersey	5.7	4.8	15.7	8.1	7.0	6.5	28.3	5.6	5.9	5.6
New Mexico	6.2	4.5	8.5	7.3	8.5	6.7	17.7	6.1	7.5	5.7
New York	5.5	3.9	13.3	7.4	6.9	6.5	26.9	5.9	6.3	5.4
North Carolina	5.9	4.9	8.7	7.9	6.6	5.8	14.6	5.6	5.0	5.4
North Dakota	6.9	5.3	8.9	7.2	7.8	7.2	17.1	6.9	7.1	6.5
Ohio	5.1	4.5	7.8	6.6	6.1	5.7	14.4	5.3	5.2	5.0
Oklahoma	5.4	5.5	7.1	7.9	6.1	6.6	12.3	6.6	5.8	6.1
Oregon	6.9	5.0	9.0	7.4	8.5	6.5	18.2	6.3	6.5	5.6
Pennsylvania	5.0	3.6	10.3	6.2	6.4	5.7	18.3	4.9	5.3	4.6
Rhode Island	6.0	4.5	13.0	7.6	9.8	6.5	25.1	5.3	7.1	5.5
South Carolina	5.7	5.0	8.8	8.0	6.2	6.6	14.6	5.9	5.2	6.1
South Dakota	6.0	5.1	8.6	7.2	7.3	6.7	11.5	5.5	6.2	6.0
Tennessee	5.2	4.4	8.1	7.5	5.6	5.5	13.9	5.5	4.6	5.0
Texas	5.1	4.7	7.3	7.6	5.7	5.7	13.8	6.1	4.8	5.0
Utah	6.6	6.6	9.1	8.1	7.1	6.5	10.9	6.3	5.6	6.1
Vermont	5.9	4.6	12.9	7.6	8.2	7.7	18.4	5.8	8.0	6.1
Virginia	5.6	4.6	10.4	7.0	6.0	6.1	18.3	5.4	5.3	5.4
Washington	7.7	4.8	8.9	7.2	7.9	7.8	17.4	6.3	6.1	5.4
West Virginia	6.6	5.1	8.9	7.4	7.2	7.0	14.1	6.9	6.2	5.8
Wisconsin	5.1	4.3	7.6	6.3	5.8	5.4	14.4	5.1	5.1	4.7
Wyoming	8.6	6.4	10.8	10.0	9.1	9.6	17.9	7.7	7.7	8.3
Puerto Rico	5.0	4.1	11.1	6.6	6.6	5.6	16.9	5.1	4.9	5.0
Virgin Islands	8.5	5.3	7.8	9.9	7.4	9.0	18.8	12.5	5.8	10.8

Note: See footnotes at end of table.

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