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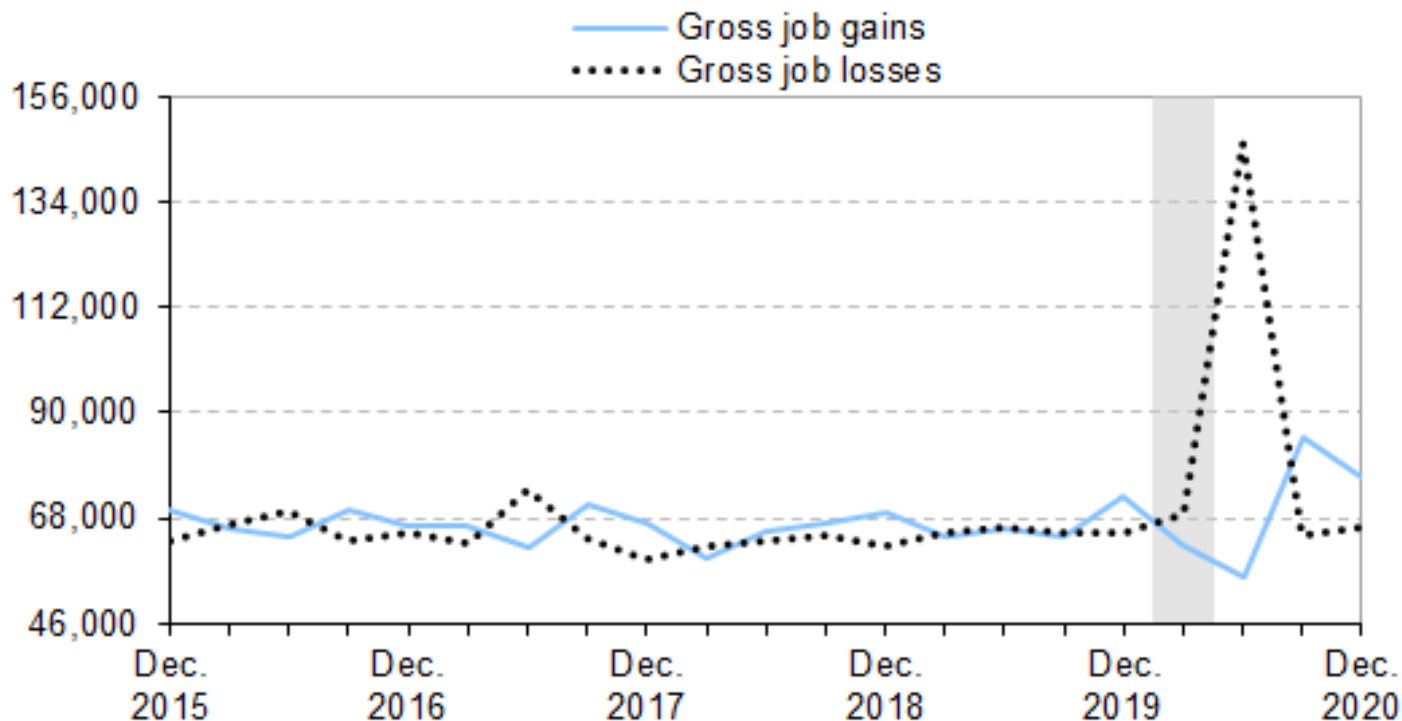
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Business Employment Dynamics in Kansas – Fourth Quarter 2020

From September 2020 to December 2020, **gross job gains** from opening and expanding private-sector establishments in Kansas were 76,568, while **gross job losses** from closing and contracting private-sector establishments were 66,093, 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 10,475 jobs in the private sector during the fourth quarter of 2020. During the previous quarter, gross job gains exceeded gross job losses by 20,895. (See [chart 1.](#))

Chart 1. Private-sector gross job gains and losses in Kansas, December 2015–December 2020, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

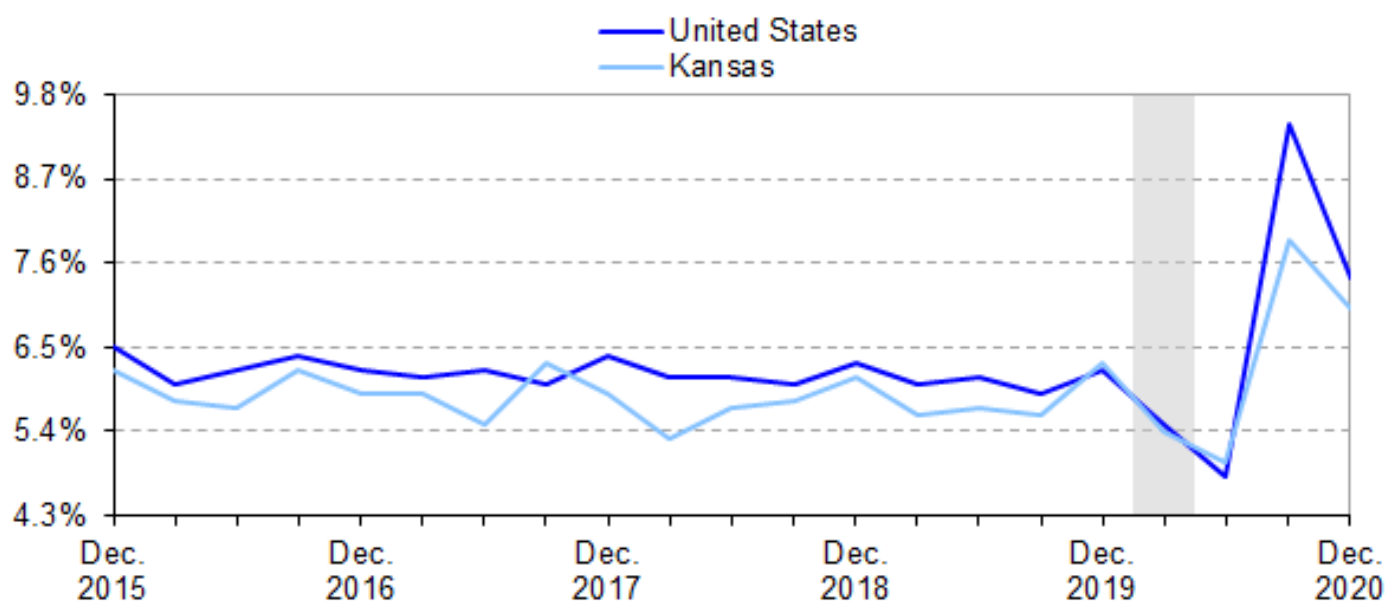
Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

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 fourth quarter of 2020, gross job gains represented 7.0 percent of private-sector employment in Kansas; nationally, gross job gains accounted for 7.4 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 Kansas, gross job gains at **expanding** establishments totaled 61,828 in the fourth quarter of 2020, a decrease of 9,361 jobs compared to the previous quarter. (See [table 1](#).) **Opening** establishments accounted for 14,740 jobs gained in the fourth quarter of 2020, an increase of 769 jobs from the previous quarter.

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



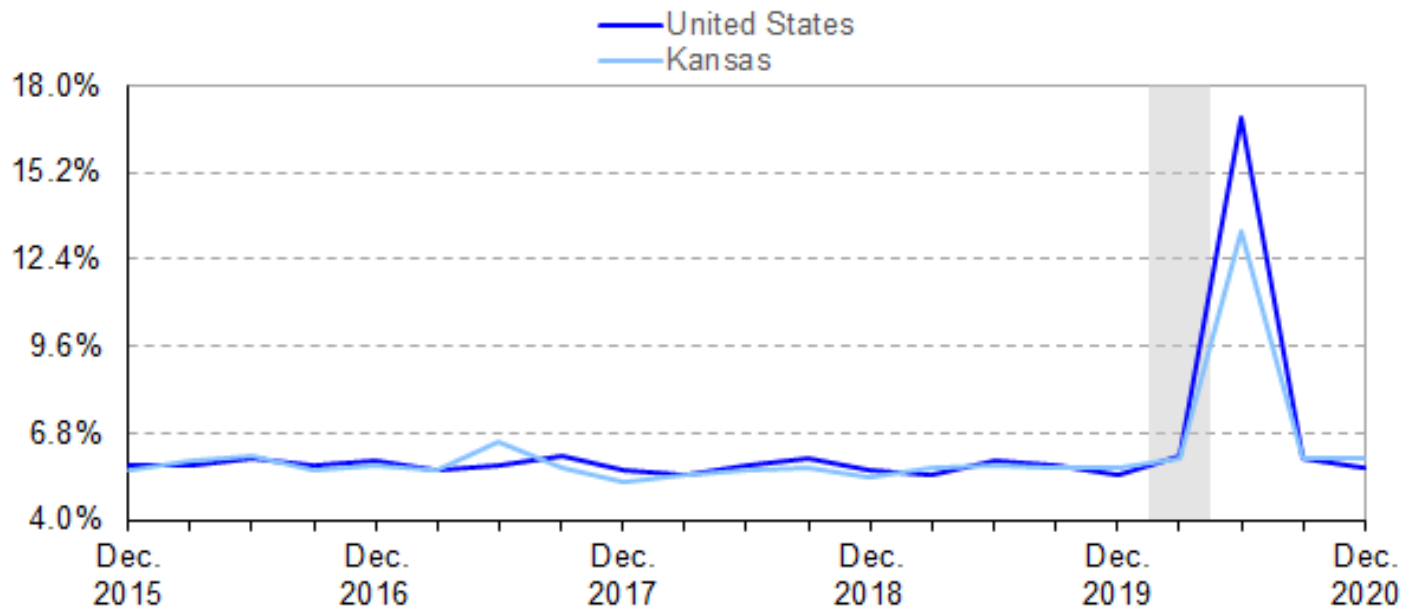
Source: U.S. Bureau of Labor Statistics.

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

Gross job losses

In the fourth quarter of 2020, gross job losses represented 6.0 percent of private-sector employment in Kansas; nationally, gross job losses accounted for 5.7 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 Kansas, **contracting** establishments lost 53,736 jobs in the fourth quarter of 2020, a decrease of 3,660 jobs from the prior quarter. **Closing** establishments lost 12,357 jobs, a decrease of 1,832 jobs from the previous quarter.

Chart 3. Private-sector gross job losses as a percent of employment, United States and Kansas, December 2015–December 2020, 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 10 industry sectors in Kansas in the fourth quarter of 2020. Transportation and warehousing had the largest over-the-quarter net job increase, with a gain of 2,906 jobs. This was the result of 5,355 gross job gains and 2,449 gross job losses. The construction and education and health services industries had net job gains of 2,401 and 2,384, respectively. Financial activities showed a net loss of 362 jobs and the other services industry sector had a net loss of 112 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 First Quarter 2021 are scheduled to be released on Wednesday, October 27, 2021.

Coronavirus (COVID-19) Effect on Fourth 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, Kansas, 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)				
	Dec. 2019	Mar. 2019	June 2020	Sept 2020	Dec. 2020	Dec. 2019	Mar. 2020	June 2020	Sept 2020	Dec. 2020
Total private ⁽¹⁾										
Gross job gains	72,463	62,633	55,975	85,160	76,568	6.3	5.4	5.0	7.9	7.0
At expanding establishments	59,937	51,882	44,720	71,189	61,828	5.2	4.5	4.0	6.6	5.7
At opening establishments	12,526	10,751	11,255	13,971	14,740	1.1	0.9	1.0	1.3	1.3
Gross job losses	65,013	68,682	146,615	64,265	66,093	5.7	6.0	13.3	6.0	6.0
At contracting establishments	51,413	57,537	128,948	50,076	53,736	4.5	5.0	11.7	4.7	4.9
At closing establishments	13,600	11,145	17,667	14,189	12,357	1.2	1.0	1.6	1.3	1.1
Net employment change ⁽²⁾	7,450	-6,049	-90,640	20,895	10,475	0.6	-0.6	-8.3	1.9	1.0
Construction										
Gross job gains	6,632	6,661	5,421	5,100	7,256	10.5	10.1	8.4	8.2	11.5
At expanding establishments	5,389	5,320	4,299	3,983	5,991	8.5	8.1	6.7	6.4	9.5
At opening establishments	1,243	1,341	1,122	1,117	1,265	2.0	2.0	1.7	1.8	2.0
Gross job losses	5,251	5,221	8,908	6,126	4,855	8.3	7.9	13.8	9.8	7.7
At contracting establishments	3,933	4,221	7,247	5,046	3,860	6.2	6.4	11.2	8.1	6.1
At closing establishments	1,318	1,000	1,661	1,080	995	2.1	1.5	2.6	1.7	1.6
Net employment change ⁽²⁾	1,381	1,440	-3,487	-1,026	2,401	2.2	2.2	-5.4	-1.6	3.8
Manufacturing										
Gross job gains	4,813	4,315	2,631	12,228	6,203	2.8	2.5	1.6	7.9	3.9
At expanding establishments	4,585	4,070	2,311	11,866	5,839	2.7	2.4	1.4	7.7	3.7
At opening establishments	228	245	320	362	364	0.1	0.1	0.2	0.2	0.2
Gross job losses	4,139	5,733	22,846	5,951	6,094	2.4	3.4	14.2	3.9	3.8
At contracting establishments	3,399	5,442	22,337	5,332	5,232	2.0	3.2	13.9	3.5	3.3
At closing establishments	740	291	509	619	862	0.4	0.2	0.3	0.4	0.5
Net employment change ⁽²⁾	674	-1,418	-20,215	6,277	109	0.4	-0.9	-12.6	4.0	0.1
Wholesale trade										
Gross job gains	2,972	2,602	2,248	2,959	2,980	5.1	4.5	4.0	5.4	5.4
At expanding establishments	2,281	2,294	1,757	2,231	2,187	3.9	4.0	3.1	4.1	4.0
At opening establishments	691	308	491	728	793	1.2	0.5	0.9	1.3	1.4
Gross job losses	2,722	2,995	5,044	2,829	2,350	4.7	5.2	9.0	5.2	4.2
At contracting establishments	2,048	2,301	3,986	2,017	1,664	3.5	4.0	7.1	3.7	3.0
At closing establishments	674	694	1,058	812	686	1.2	1.2	1.9	1.5	1.2
Net employment change ⁽²⁾	250	-393	-2,796	130	630	0.4	-0.7	-5.0	0.2	1.2
Retail trade										
Gross job gains	8,140	8,253	9,229	11,010	8,463	5.8	5.8	6.6	8.0	6.1
At expanding establishments	7,022	7,297	8,547	9,665	7,431	5.0	5.1	6.1	7.0	5.4
At opening establishments	1,118	956	682	1,345	1,032	0.8	0.7	0.5	1.0	0.7
Gross job losses	8,485	7,287	17,740	8,192	8,199	6.0	5.2	12.7	6.0	6.0
At contracting establishments	7,404	6,333	15,882	7,104	6,885	5.2	4.5	11.4	5.2	5.0
At closing establishments	1,081	954	1,858	1,088	1,314	0.8	0.7	1.3	0.8	1.0
Net employment change ⁽²⁾	-345	966	-8,511	2,818	264	-0.2	0.6	-6.1	2.0	0.1
Transportation and warehousing										
Gross job gains	5,651	2,781	5,498	4,548	5,355	9.8	4.9	9.9	8.1	9.1
At expanding establishments	5,280	2,450	5,049	4,207	4,981	9.2	4.3	9.1	7.5	8.5
At opening establishments	371	331	449	341	374	0.6	0.6	0.8	0.6	0.6
Gross job losses	3,021	5,489	5,707	2,852	2,449	5.2	9.6	10.2	5.1	4.1
At contracting establishments	2,481	5,143	5,360	2,512	2,077	4.3	9.0	9.6	4.5	3.5
At closing establishments	540	346	347	340	372	0.9	0.6	0.6	0.6	0.6
Net employment change ⁽²⁾	2,630	-2,708	-209	1,696	2,906	4.6	-4.7	-0.3	3.0	5.0
Financial activities										
Gross job gains	3,739	2,880	3,004	4,109	3,868	5.0	3.8	4.0	5.7	5.3
At expanding establishments	2,815	2,248	2,166	3,183	2,769	3.8	3.0	2.9	4.4	3.8
At opening establishments	924	632	838	926	1,099	1.2	0.8	1.1	1.3	1.5
Gross job losses	3,467	3,351	4,845	3,879	4,230	4.7	4.5	6.6	5.3	5.8

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Kansas, 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)				
	Dec. 2019	Mar. 2019	June 2020	Sept 2020	Dec. 2020	Dec. 2019	Mar. 2020	June 2020	Sept 2020	Dec. 2020
At contracting establishments	2,461	2,550	3,882	2,549	3,110	3.3	3.4	5.3	3.5	4.3
At closing establishments	1,006	801	963	1,330	1,120	1.4	1.1	1.3	1.8	1.5
Net employment change ⁽²⁾	272	-471	-1,841	230	-362	0.3	-0.7	-2.6	0.4	-0.5
Professional and business services										
Gross job gains	14,036	11,915	10,785	15,383	16,469	7.8	6.7	6.3	9.2	9.7
At expanding establishments	11,436	9,749	7,842	12,242	12,676	6.4	5.5	4.6	7.3	7.5
At opening establishments	2,600	2,166	2,943	3,141	3,793	1.4	1.2	1.7	1.9	2.2
Gross job losses	13,961	12,870	21,554	11,969	15,382	7.8	7.2	12.6	7.2	9.0
At contracting establishments	10,885	10,612	17,902	8,620	12,967	6.1	5.9	10.5	5.2	7.6
At closing establishments	3,076	2,258	3,652	3,349	2,415	1.7	1.3	2.1	2.0	1.4
Net employment change ⁽²⁾	75	-955	-10,769	3,414	1,087	0.0	-0.5	-6.3	2.0	0.7
Education and health services										
Gross job gains	9,341	8,434	6,576	9,157	10,199	4.7	4.2	3.3	4.8	5.2
At expanding establishments	7,495	6,343	5,112	7,109	8,365	3.8	3.2	2.6	3.7	4.3
At opening establishments	1,846	2,091	1,464	2,048	1,834	0.9	1.0	0.7	1.1	0.9
Gross job losses	8,501	8,415	14,647	8,028	7,815	4.3	4.2	7.5	4.2	4.0
At contracting establishments	6,535	7,031	13,062	6,367	6,173	3.3	3.5	6.7	3.3	3.2
At closing establishments	1,966	1,384	1,585	1,661	1,642	1.0	0.7	0.8	0.9	0.8
Net employment change ⁽²⁾	840	19	-8,071	1,129	2,384	0.4	0.0	-4.2	0.6	1.2
Leisure and hospitality										
Gross job gains	11,495	9,770	6,627	14,661	10,513	8.9	7.5	5.7	13.6	9.5
At expanding establishments	9,078	7,918	4,749	11,871	7,774	7.0	6.1	4.1	11.0	7.0
At opening establishments	2,417	1,852	1,878	2,790	2,739	1.9	1.4	1.6	2.6	2.5
Gross job losses	10,044	12,022	35,279	9,205	9,134	7.7	9.3	30.1	8.5	8.2
At contracting establishments	8,047	9,466	30,664	6,611	7,645	6.2	7.3	26.2	6.1	6.9
At closing establishments	1,997	2,556	4,615	2,594	1,489	1.5	2.0	3.9	2.4	1.3
Net employment change ⁽²⁾	1,451	-2,252	-28,652	5,456	1,379	1.2	-1.8	-24.4	5.1	1.3
Other services ⁽³⁾										
Gross job gains	2,979	2,795	1,792	3,266	2,594	8.8	8.4	5.8	11.0	8.6
At expanding establishments	2,462	2,351	1,229	2,671	1,952	7.3	7.1	4.0	9.0	6.5
At opening establishments	517	444	563	595	642	1.5	1.3	1.8	2.0	2.1
Gross job losses	2,835	2,696	5,449	2,094	2,706	8.4	8.2	17.5	7.1	9.0
At contracting establishments	2,196	2,137	4,694	1,531	2,204	6.5	6.5	15.1	5.2	7.3
At closing establishments	639	559	755	563	502	1.9	1.7	2.4	1.9	1.7
Net employment change ⁽²⁾	144	99	-3,657	1,172	-112	0.4	0.2	-11.7	3.9	-0.4

(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)				
	Dec. 2019	Mar. 2020	Jun. 2020	Sep. 2020	Dec. 2020	Dec. 2019	Mar. 2020	Jun. 2020	Sep. 2020	Dec. 2020
United States ⁽¹⁾	6.2	5.5	4.8	9.4	7.4	5.5	6.1	17.0	6.0	5.7
Alabama	6.2	5.5	4.8	7.8	7.8	5.5	5.9	12.6	5.9	5.0
Alaska	10.3	9.2	6.9	12.2	13.4	10.2	9.5	24.5	9.9	7.7
Arizona	6.4	5.6	5.7	7.9	7.4	5.2	5.9	11.7	6.2	4.9
Arkansas	6.5	5.1	4.8	7.5	7.1	4.9	5.5	12.0	5.6	5.1
California	6.8	6.1	5.2	8.7	8.4	6.0	6.7	18.6	7.3	6.2
Colorado	6.7	6.3	5.8	10.0	7.5	6.2	7.0	14.9	6.3	7.2
Connecticut	5.5	5.2	4.3	11.2	6.5	5.6	5.9	19.7	5.1	5.8
Delaware	6.7	6.2	4.9	10.3	6.7	6.2	6.6	17.7	6.3	5.7
District of Columbia	5.4	5.2	3.3	8.3	5.2	4.7	5.3	22.4	5.8	5.5
Florida	6.6	5.4	6.1	9.5	7.6	5.9	6.2	13.9	6.8	5.6
Georgia	6.5	5.6	5.4	9.2	7.8	5.5	5.9	15.0	6.4	5.2
Hawaii	5.7	5.2	3.6	7.4	14.7	5.2	5.8	29.8	12.7	4.6
Idaho	7.7	7.6	6.4	8.4	8.7	6.3	6.1	11.2	6.5	6.1
Illinois	5.6	5.0	4.6	9.7	6.5	5.2	6.0	18.4	5.6	6.1
Indiana	6.0	4.9	4.7	8.3	6.9	5.1	6.0	13.7	5.4	5.0
Iowa	5.8	5.2	4.4	7.4	6.8	5.5	5.9	13.0	5.6	5.1
Kansas	6.3	5.4	5.0	7.9	7.0	5.7	6.0	13.3	6.0	6.0
Kentucky	6.2	5.3	4.6	8.8	6.8	5.6	6.1	15.3	5.0	5.4
Louisiana	5.9	5.3	4.5	8.8	8.7	5.7	6.3	16.9	7.2	5.5
Maine	7.3	6.4	5.4	12.0	8.5	6.9	7.0	21.7	6.0	6.3
Maryland	6.4	5.7	4.7	11.0	7.1	5.9	6.7	21.9	5.9	5.9
Massachusetts	5.8	5.2	3.7	12.5	7.0	5.6	6.0	24.2	5.6	5.6
Michigan	5.8	5.0	4.0	10.9	6.8	5.3	5.7	20.7	4.8	7.0
Minnesota	5.8	5.0	4.3	9.0	7.0	5.6	5.6	17.6	5.4	6.9
Mississippi	6.2	5.6	5.1	8.7	7.9	5.6	6.2	12.9	5.5	4.9
Missouri	6.2	5.2	4.7	8.5	7.2	5.3	5.7	14.3	5.7	5.3
Montana	8.6	7.7	6.8	9.9	9.3	7.2	7.7	13.8	7.2	6.8
Nebraska	6.2	5.8	4.9	8.1	6.8	5.8	6.1	12.1	5.9	5.6
Nevada	6.8	5.4	5.3	12.8	8.9	5.0	6.3	29.2	6.4	5.7
New Hampshire	6.6	6.0	4.5	11.9	7.4	6.0	6.4	18.8	5.1	6.5
New Jersey	6.5	5.7	4.6	15.7	8.1	5.8	6.3	28.1	5.8	5.9
New Mexico	7.0	6.1	4.5	8.3	7.1	6.3	6.5	17.6	6.0	7.6
New York	6.0	5.5	3.9	13.3	7.4	5.7	6.4	26.9	5.9	6.4
North Carolina	6.3	5.8	4.8	8.5	7.8	5.4	5.7	14.5	5.6	5.1
North Dakota	6.7	6.8	5.2	8.8	7.2	6.6	7.0	17.2	6.9	7.1
Ohio	5.7	5.1	4.5	7.7	6.6	5.3	5.6	14.4	5.3	5.2
Oklahoma	6.5	5.4	5.6	6.8	7.8	6.2	6.7	12.3	6.4	5.6
Oregon	6.7	6.2	5.0	9.0	7.4	5.8	6.5	18.4	6.2	6.5
Pennsylvania	5.4	4.9	3.6	10.3	6.2	4.9	5.6	18.2	5.0	5.3
Rhode Island	6.5	6.1	4.5	12.9	7.5	5.9	6.5	25.2	5.3	7.1
South Carolina	6.5	5.5	5.1	8.8	8.1	5.9	6.6	14.9	6.1	5.3
South Dakota	6.4	6.0	5.1	8.6	7.2	5.8	6.6	11.6	5.5	6.2
Tennessee	5.7	4.9	4.4	8.1	7.5	5.0	5.3	13.7	5.4	4.6
Texas	6.0	5.0	4.7	7.2	7.5	5.1	5.5	13.6	6.0	4.8
Utah	6.8	6.6	6.5	9.1	8.1	6.3	6.4	10.9	6.2	5.5
Vermont	6.9	5.8	4.6	12.3	7.6	6.4	7.6	18.5	5.7	7.9
Virginia	6.5	5.6	4.7	10.2	7.0	5.5	6.1	18.2	5.3	5.3
Washington	6.6	7.4	4.9	8.9	7.1	5.8	7.4	16.9	6.2	6.0
West Virginia	6.2	6.0	5.1	8.8	7.4	7.1	6.8	13.8	7.0	6.2
Wisconsin	5.4	5.0	4.4	7.6	6.3	5.0	5.3	14.4	5.2	5.1
Wyoming	9.4	8.6	6.4	10.7	10.0	8.7	9.3	18.1	7.7	7.6
Puerto Rico	5.4	5.0	4.0	11.0	6.6	4.9	5.2	16.9	5.1	4.9
Virgin Islands	10.3	7.2	5.3	8.4	8.9	7.3	8.3	19.8	12.3	5.4

Note: See footnotes at end of table.

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