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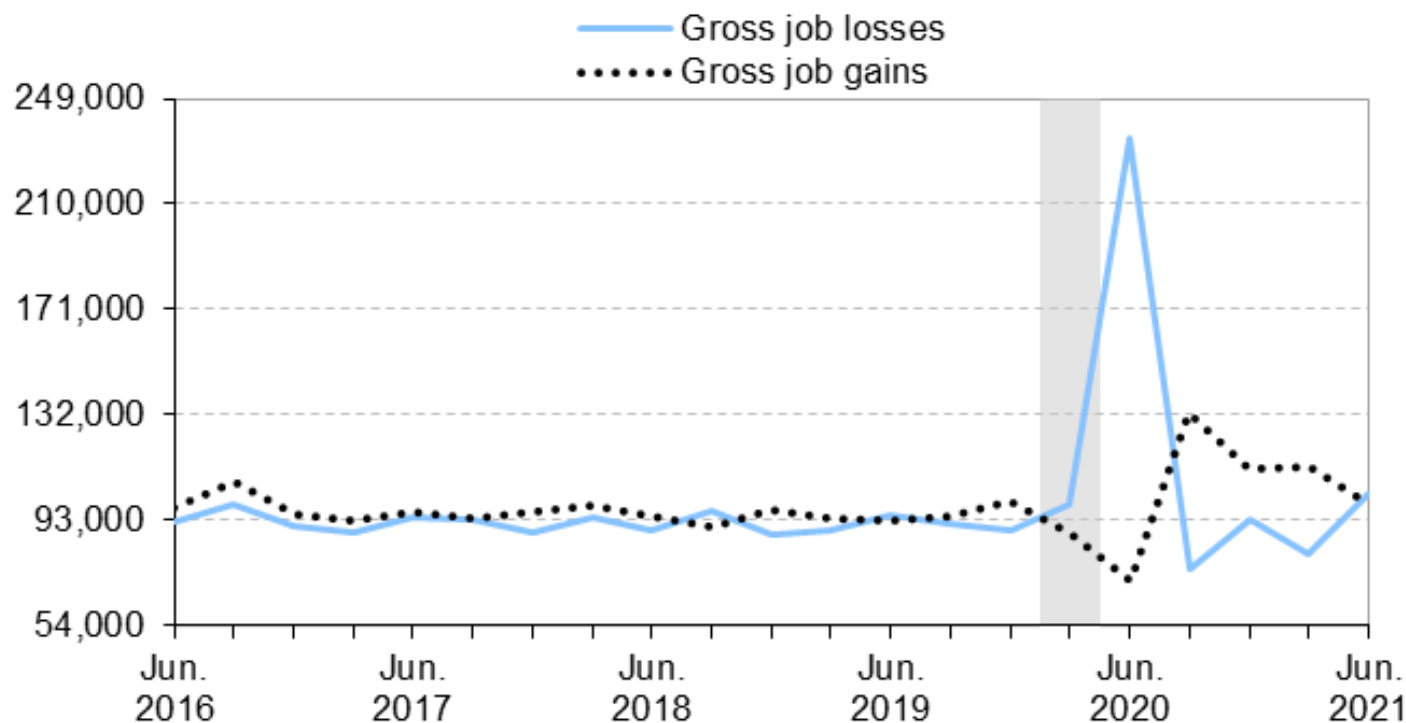
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Business Employment Dynamics in Kentucky — Second Quarter 2021

From March 2021 to June 2021, **gross job gains** from opening and expanding private-sector establishments in Kentucky were 99,257, while **gross job losses** from closing and contracting private-sector establishments were 102,580, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Janet S. Rankin noted that the difference between the number of gross job gains and the number of gross job losses yielded a **net employment loss** of 3,323 jobs in the private sector during the second quarter of 2021. During the previous quarter, gross job gains exceeded gross job losses by 32,411. (See [chart 1.](#))

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



Source: U.S. Bureau of Labor Statistics.

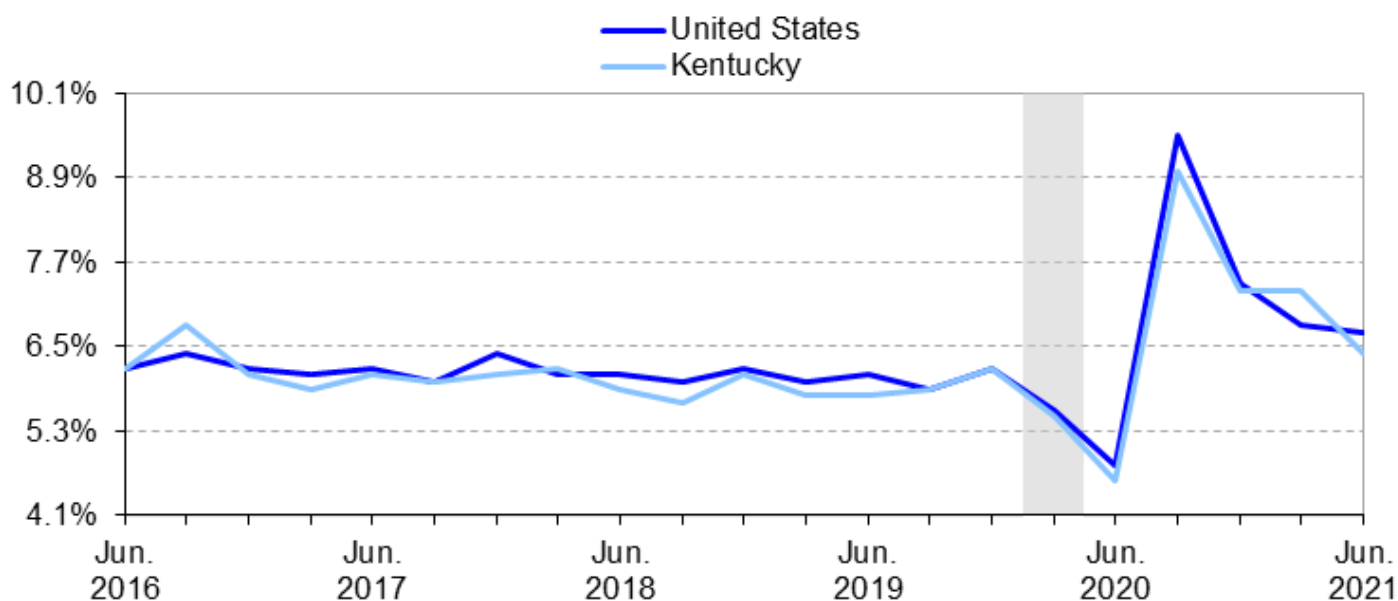
Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

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 6.4 percent of private-sector employment in Kentucky; 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 Kentucky, gross job gains at **expanding** establishments totaled 79,364 in the second quarter of 2021, a decrease of 13,802 jobs compared to the previous quarter. (See [table 1](#).) **Opening** establishments accounted for 19,893 jobs gained in the second quarter of 2021, an increase of 351 jobs from the previous quarter.

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



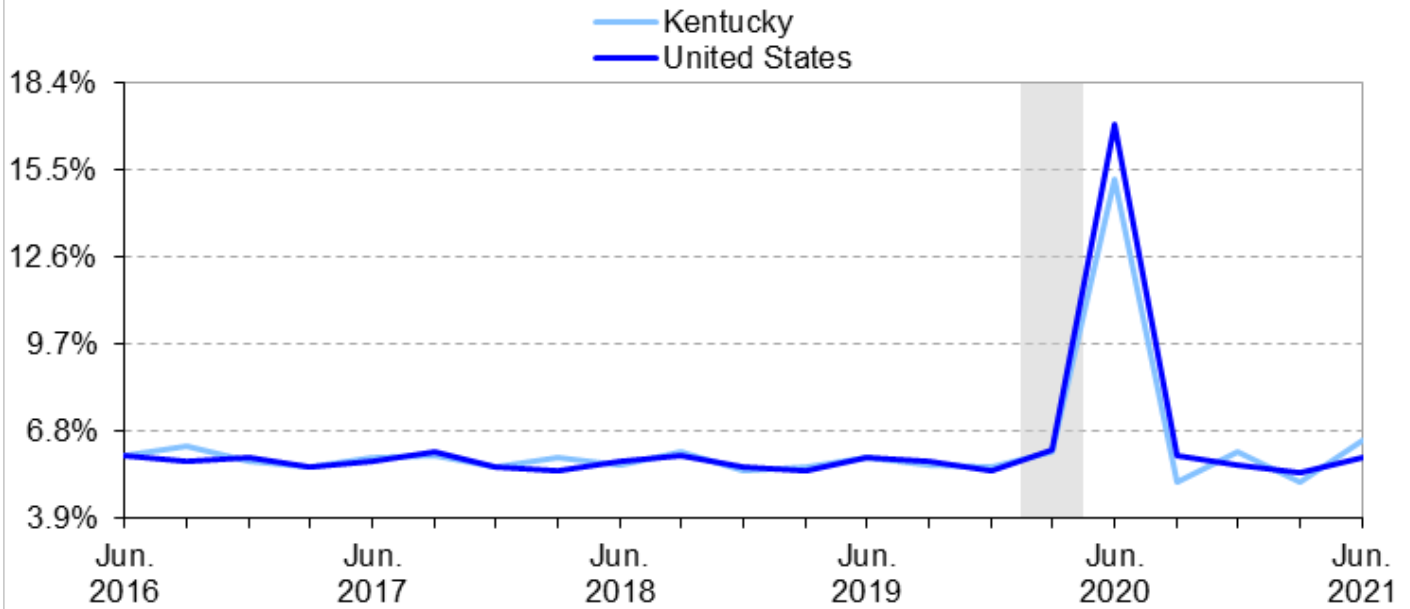
Source: U.S. Bureau of Labor Statistics.

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 6.5 percent of private-sector employment in Kentucky; 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 Kentucky, **contracting** establishments lost 88,675 jobs in the second quarter of 2021, an increase of 19,593 jobs from the prior quarter. **Closing** establishments lost 13,905 jobs, an increase of 2,690 jobs from the previous quarter.

Chart 3. Private-sector gross job losses as a percent of employment, United States and Kentucky, 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 6 of the 11 industry sectors in Kentucky in the second quarter of 2021. Leisure and hospitality had the largest over-the-quarter net job increase, with a gain of 4,307 jobs. This was the result of 18,965 gross job gains and 14,658 gross job losses. The professional and business services industry had a net gain of 1,482 jobs. Manufacturing showed a net loss of 4,660 jobs, the largest loss of any sector in the state. Kentucky’s transportation and warehousing industry sector had a net loss of 2,558 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, at 10:00 a.m. (ET).

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, Kentucky, 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	70,385	132,991	112,311	112,708	99,257	4.6	9.0	7.3	7.3	6.4
At expanding establishments	54,575	111,146	95,108	93,166	79,364	3.6	7.5	6.2	6.0	5.1
At opening establishments	15,810	21,845	17,203	19,542	19,893	1.0	1.5	1.1	1.3	1.3
Gross job losses	234,010	75,389	93,275	80,297	102,580	15.2	5.1	6.1	5.1	6.5
At contracting establishments	203,151	62,099	69,478	69,082	88,675	13.2	4.2	4.5	4.4	5.6
At closing establishments	30,859	13,290	23,797	11,215	13,905	2.0	0.9	1.6	0.7	0.9
Net employment change ⁽²⁾	-163,625	57,602	19,036	32,411	-3,323	-10.6	3.9	1.2	2.2	-0.1
Construction										
Gross job gains	6,023	7,802	9,287	8,035	7,247	7.6	10.2	11.9	10.1	9.1
At expanding establishments	4,744	6,127	7,658	5,961	5,877	6.0	8.0	9.8	7.5	7.4
At opening establishments	1,279	1,675	1,629	2,074	1,370	1.6	2.2	2.1	2.6	1.7
Gross job losses	11,644	6,407	7,405	7,292	7,526	14.7	8.3	9.5	9.2	9.5
At contracting establishments	9,521	5,153	5,383	6,292	6,591	12.0	6.7	6.9	7.9	8.3
At closing establishments	2,123	1,254	2,022	1,000	935	2.7	1.6	2.6	1.3	1.2
Net employment change ⁽²⁾	-5,621	1,395	1,882	743	-279	-7.1	1.9	2.4	0.9	-0.4
Manufacturing										
Gross job gains	3,832	11,580	11,128	9,280	7,509	1.6	4.9	4.7	3.8	3.1
At expanding establishments	3,275	11,046	9,490	8,549	6,324	1.4	4.7	4.0	3.5	2.6
At opening establishments	557	534	1,638	731	1,185	0.2	0.2	0.7	0.3	0.5
Gross job losses	22,123	6,876	6,071	6,599	12,169	9.2	3.0	2.5	2.7	5.0
At contracting establishments	21,468	6,250	4,797	6,055	11,786	8.9	2.7	2.0	2.5	4.8
At closing establishments	655	626	1,274	544	383	0.3	0.3	0.5	0.2	0.2
Net employment change ⁽²⁾	-18,291	4,704	5,057	2,681	-4,660	-7.6	1.9	2.2	1.1	-1.9
Wholesale trade										
Gross job gains	2,258	4,178	3,697	3,838	3,876	3.1	5.8	5.2	5.2	5.3
At expanding establishments	1,836	3,581	3,136	3,309	3,172	2.5	5.0	4.4	4.5	4.3
At opening establishments	422	597	561	529	704	0.6	0.8	0.8	0.7	1.0
Gross job losses	7,046	3,112	3,570	2,643	3,653	9.6	4.3	4.9	3.7	5.0
At contracting establishments	6,089	2,453	2,386	2,084	2,799	8.3	3.4	3.3	2.9	3.8
At closing establishments	957	659	1,184	559	854	1.3	0.9	1.6	0.8	1.2
Net employment change ⁽²⁾	-4,788	1,066	127	1,195	223	-6.5	1.5	0.3	1.5	0.3
Retail trade										
Gross job gains	13,746	18,513	13,602	11,499	12,558	6.7	9.1	6.6	5.5	6.0
At expanding establishments	11,893	16,012	11,881	9,378	10,631	5.8	7.9	5.8	4.5	5.1
At opening establishments	1,853	2,501	1,721	2,121	1,927	0.9	1.2	0.8	1.0	0.9
Gross job losses	27,780	12,011	12,600	11,388	13,964	13.6	5.9	6.1	5.5	6.7
At contracting establishments	24,886	10,603	9,451	9,919	12,760	12.2	5.2	4.6	4.8	6.1
At closing establishments	2,894	1,408	3,149	1,469	1,204	1.4	0.7	1.5	0.7	0.6
Net employment change ⁽²⁾	-14,034	6,502	1,002	111	-1,406	-6.9	3.2	0.5	0.0	-0.7
Transportation and warehousing										
Gross job gains	7,272	7,367	9,649	5,483	6,554	6.5	6.5	8.2	4.6	5.6
At expanding establishments	6,661	6,549	9,194	4,792	5,751	6.0	5.8	7.8	4.0	4.9
At opening establishments	611	818	455	691	803	0.5	0.7	0.4	0.6	0.7
Gross job losses	9,248	4,096	4,121	6,333	9,112	8.3	3.7	3.5	5.3	7.7
At contracting establishments	8,460	3,561	3,221	5,773	8,367	7.6	3.2	2.7	4.8	7.1
At closing establishments	788	535	900	560	745	0.7	0.5	0.8	0.5	0.6
Net employment change ⁽²⁾	-1,976	3,271	5,528	-850	-2,558	-1.8	2.8	4.7	-0.7	-2.1
Information										
Gross job gains	816	1,528	1,009	1,457	1,454	4.0	7.7	5.1	7.1	7.0
At expanding establishments	468	1,118	774	1,130	1,019	2.3	5.6	3.9	5.5	4.9
At opening establishments	348	410	235	327	435	1.7	2.1	1.2	1.6	2.1
Gross job losses	2,652	843	1,536	1,217	1,325	12.9	4.2	7.7	5.8	6.4

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Kentucky, 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	2,121	608	1,105	1,022	1,037	10.3	3.0	5.5	4.9	5.0
At closing establishments	531	235	431	195	288	2.6	1.2	2.2	0.9	1.4
Net employment change ⁽²⁾	-1,836	685	-527	240	129	-8.9	3.5	-2.6	1.3	0.6
Financial activities										
Gross job gains	3,233	4,879	5,642	4,556	4,465	3.5	5.4	6.1	4.9	4.8
At expanding establishments	2,259	3,896	4,551	3,338	3,283	2.4	4.3	4.9	3.6	3.5
At opening establishments	974	983	1,091	1,218	1,182	1.1	1.1	1.2	1.3	1.3
Gross job losses	7,220	3,573	4,552	4,182	4,432	7.8	3.9	4.9	4.5	4.7
At contracting establishments	5,900	2,754	2,975	3,445	3,358	6.4	3.0	3.2	3.7	3.6
At closing establishments	1,320	819	1,577	737	1,074	1.4	0.9	1.7	0.8	1.1
Net employment change ⁽²⁾	-3,987	1,306	1,090	374	33	-4.3	1.5	1.2	0.4	0.1
Professional and business services										
Gross job gains	13,381	24,161	24,423	18,954	19,975	6.5	11.9	11.5	8.6	9.1
At expanding establishments	9,936	20,467	20,679	15,377	15,314	4.8	10.1	9.7	7.0	7.0
At opening establishments	3,445	3,694	3,744	3,577	4,661	1.7	1.8	1.8	1.6	2.1
Gross job losses	36,302	14,689	15,329	16,532	18,493	17.4	7.2	7.2	7.6	8.4
At contracting establishments	32,061	11,948	10,829	14,423	15,831	15.4	5.9	5.1	6.6	7.2
At closing establishments	4,241	2,741	4,500	2,109	2,662	2.0	1.3	2.1	1.0	1.2
Net employment change ⁽²⁾	-22,921	9,472	9,094	2,422	1,482	-10.9	4.7	4.3	1.0	0.7
Education and health services										
Gross job gains	7,635	19,257	14,615	15,788	12,015	2.8	7.4	5.5	5.8	4.4
At expanding establishments	5,144	15,025	12,037	13,011	9,294	1.9	5.8	4.5	4.8	3.4
At opening establishments	2,491	4,232	2,578	2,777	2,721	0.9	1.6	1.0	1.0	1.0
Gross job losses	31,739	9,795	12,258	9,718	12,484	12.0	3.8	4.6	3.6	4.5
At contracting establishments	25,632	7,807	8,588	7,981	10,182	9.7	3.0	3.2	3.0	3.7
At closing establishments	6,107	1,988	3,670	1,737	2,302	2.3	0.8	1.4	0.6	0.8
Net employment change ⁽²⁾	-24,104	9,462	2,357	6,070	-469	-9.2	3.6	0.9	2.2	-0.1
Leisure and hospitality										
Gross job gains	8,517	27,560	14,205	28,234	18,965	4.9	17.2	8.7	16.8	10.7
At expanding establishments	5,909	22,697	11,708	24,237	15,117	3.4	14.2	7.2	14.4	8.5
At opening establishments	2,608	4,863	2,497	3,997	3,848	1.5	3.0	1.5	2.4	2.2
Gross job losses	67,107	9,908	20,329	10,760	14,658	38.3	6.2	12.4	6.4	8.3
At contracting establishments	57,834	7,847	17,096	9,146	12,065	33.0	4.9	10.4	5.4	6.8
At closing establishments	9,273	2,061	3,233	1,614	2,593	5.3	1.3	2.0	1.0	1.5
Net employment change ⁽²⁾	-58,590	17,652	-6,124	17,474	4,307	-33.4	11.0	-3.7	10.4	2.4
Other services ⁽³⁾										
Gross job gains	2,286	4,247	3,222	3,789	3,359	5.8	11.3	8.4	9.8	8.5
At expanding establishments	1,496	3,108	2,410	2,720	2,577	3.8	8.3	6.3	7.0	6.5
At opening establishments	790	1,139	812	1,069	782	2.0	3.0	2.1	2.8	2.0
Gross job losses	7,788	2,605	3,734	2,436	3,089	19.8	6.9	9.8	6.3	7.8
At contracting establishments	6,338	1,925	2,466	1,900	2,487	16.1	5.1	6.5	4.9	6.3
At closing establishments	1,450	680	1,268	536	602	3.7	1.8	3.3	1.4	1.5
Net employment change ⁽²⁾	-5,502	1,642	-512	1,353	270	-14.0	4.4	-1.4	3.5	0.7

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)				
	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.

Footnotes

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