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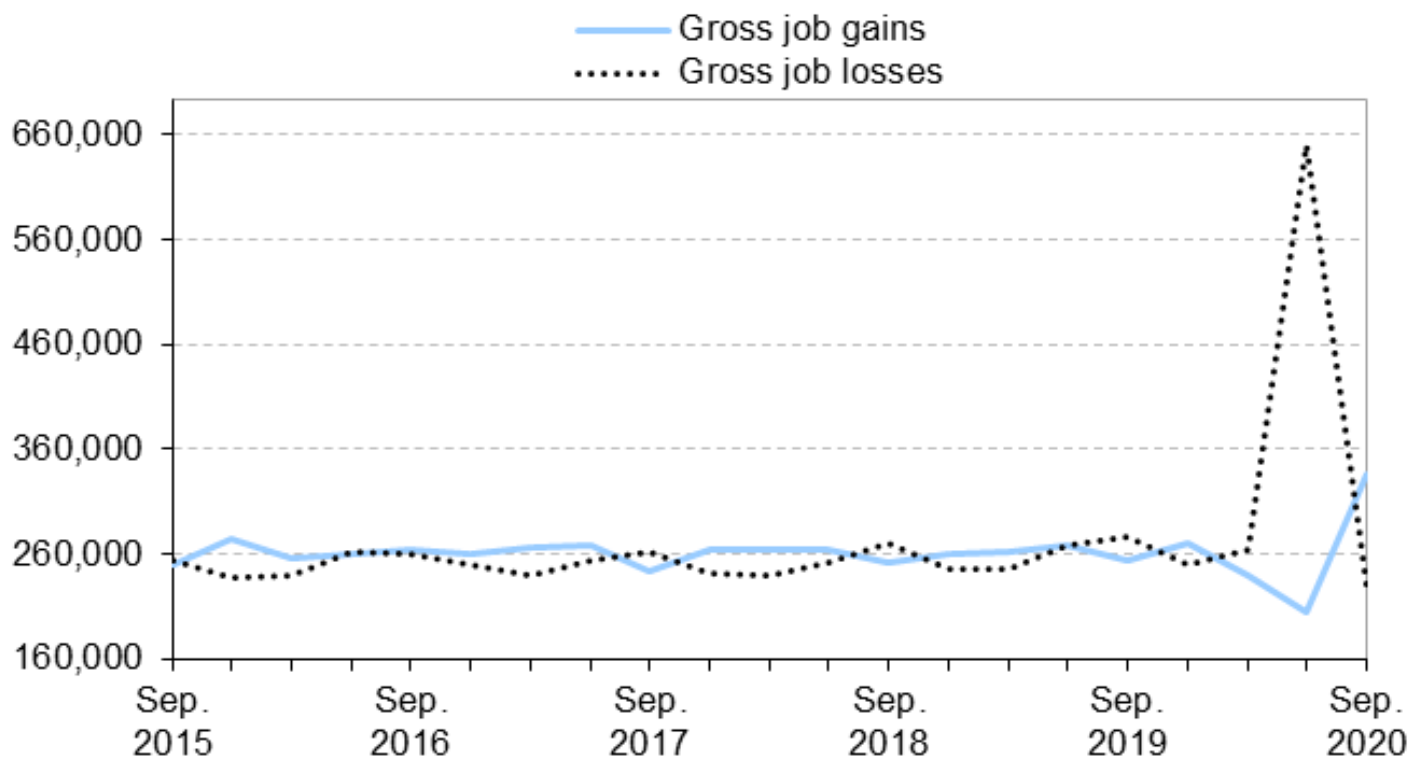
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Business Employment Dynamics in Ohio — Third Quarter 2020

From June 2020 to September 2020, **gross job gains** from opening and expanding private-sector establishments in Ohio were 336,532, while **gross job losses** from closing and contracting private-sector establishments were 229,215, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Jason Palmer noted that the difference between the number of gross job gains and the number of gross job losses yielded a **net employment gain** of 107,317 jobs in the private sector during the third quarter of 2020. During the previous quarter, gross job losses exceeded gross job gains by 445,946. (See [chart 1.](#))

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



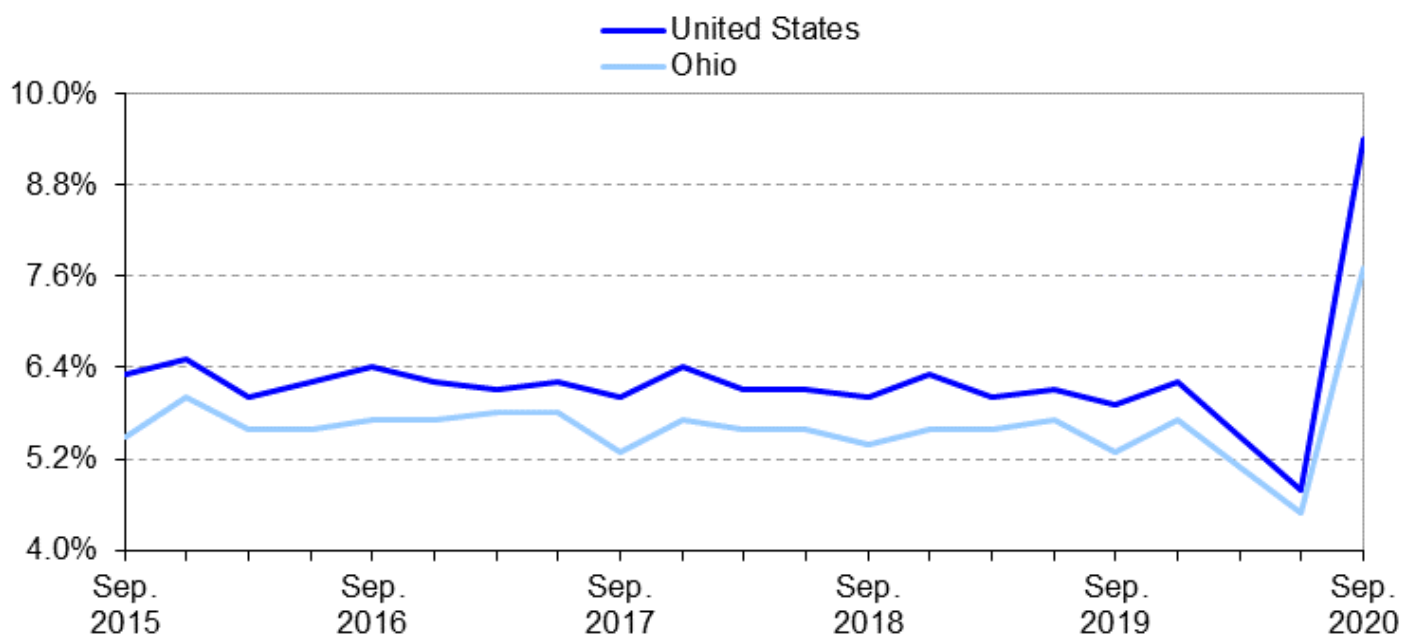
Source: U.S. Bureau of Labor Statistics.

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 third quarter of 2020, gross job gains represented 7.7 percent of private-sector employment in Ohio; nationally, gross job gains accounted for 9.4 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 Ohio, gross job gains at **expanding** establishments totaled 285,310 in the third quarter of 2020, an increase of 116,108 jobs compared to the previous quarter. (See [table 1](#).) **Opening** establishments accounted for 51,222 jobs gained in the third quarter of 2020, an increase of 16,549 jobs from the previous quarter.

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

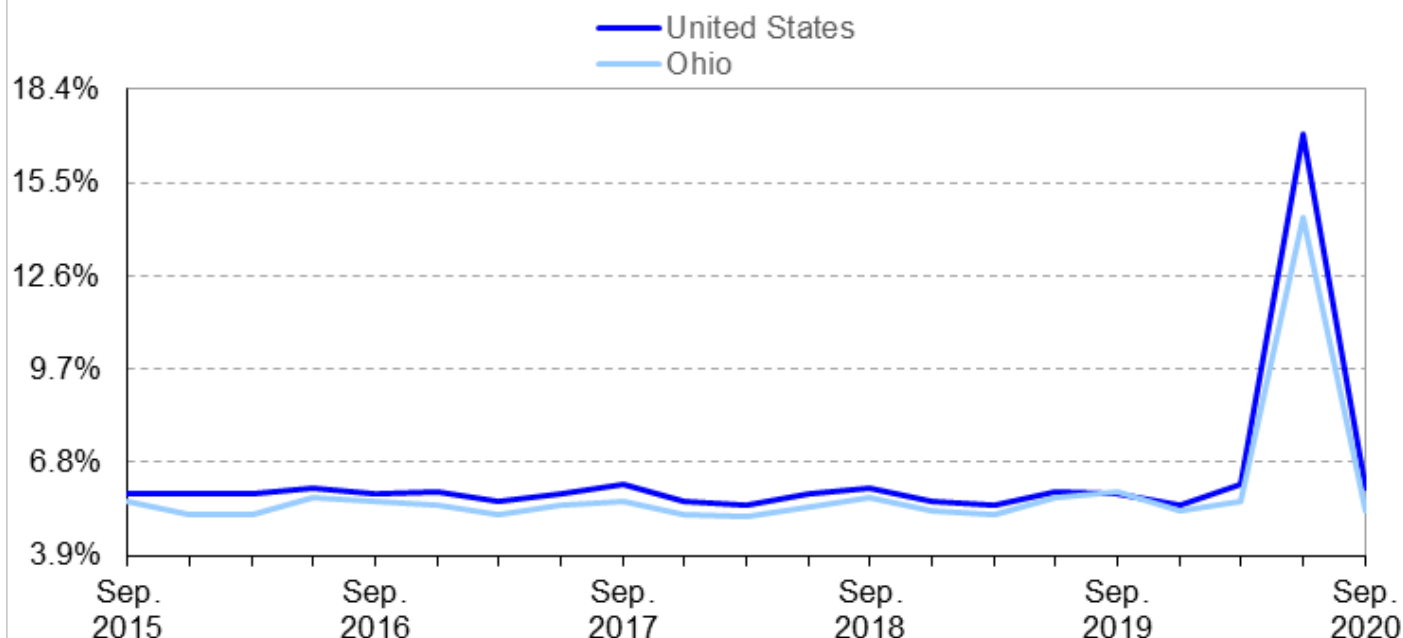


Source: U.S. Bureau of Labor Statistics.

Gross job losses

In the third quarter of 2020, gross job losses represented 5.3 percent of private-sector employment in Ohio; nationally, gross job losses accounted for 6.0 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 Ohio, **contracting** establishments lost 194,738 jobs in the third quarter of 2020, a decrease of 378,883 jobs from the prior quarter. **Closing** establishments lost 34,477 jobs, a decrease of 41,723 jobs from the previous quarter.

Chart 3. Private sector gross job losses as a percent of employment, United States and Ohio, September 2015–September 2020, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

Industries

Gross job gains exceeded gross job losses in the 11 industry sectors in Ohio in the third quarter of 2020. Leisure and hospitality had the largest over-the-quarter net job increase, with a gain of 37,086 jobs. This was the result of 72,280 gross job gains and 35,194 gross job losses. Three industries had net job gains of more than 15,000: retail trade (15,948), professional and business services (15,734), and education and health services (15,341).

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 release for fourth quarter 2020 is scheduled to be released on Wednesday, July 28, 2021.

Coronavirus (COVID-19) Effect on Third 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, Ohio, 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)				
	Sept 2019	Dec. 2019	Mar. 2020	June 2020	Sept 2020	Sept 2019	Dec. 2019	Mar. 2020	June 2020	Sept 2020
Total private ⁽¹⁾										
Gross job gains	253,121	269,713	239,254	203,875	336,532	5.3	5.7	5.1	4.5	7.7
At expanding establishments	213,213	227,670	202,346	169,202	285,310	4.5	4.8	4.3	3.7	6.5
At opening establishments	39,908	42,043	36,908	34,673	51,222	0.8	0.9	0.8	0.8	1.2
Gross job losses	275,676	249,121	264,866	649,821	229,215	5.9	5.3	5.6	14.4	5.3
At contracting establishments	237,935	210,728	229,589	573,621	194,738	5.1	4.5	4.9	12.7	4.5
At closing establishments	37,741	38,393	35,277	76,200	34,477	0.8	0.8	0.7	1.7	0.8
Net employment change ⁽²⁾	-22,555	20,592	-25,612	-445,946	107,317	-0.6	0.4	-0.5	-9.9	2.4
Construction										
Gross job gains	19,722	20,922	23,261	18,156	22,169	8.8	9.3	10.1	8.0	10.2
At expanding establishments	16,566	17,335	19,149	15,129	18,226	7.4	7.7	8.3	6.7	8.4
At opening establishments	3,156	3,587	4,112	3,027	3,943	1.4	1.6	1.8	1.3	1.8
Gross job losses	21,281	21,514	19,414	36,441	19,104	9.4	9.6	8.4	16.2	8.8
At contracting establishments	18,255	18,220	16,611	31,258	16,429	8.1	8.1	7.2	13.9	7.6
At closing establishments	3,026	3,294	2,803	5,183	2,675	1.3	1.5	1.2	2.3	1.2
Net employment change ⁽²⁾	-1,559	-592	3,847	-18,285	3,065	-0.6	-0.3	1.7	-8.2	1.4
Manufacturing										
Gross job gains	16,839	18,175	17,415	11,988	28,335	2.4	2.6	2.5	1.7	4.4
At expanding establishments	15,738	17,040	16,558	11,035	27,193	2.2	2.4	2.4	1.6	4.2
At opening establishments	1,101	1,135	857	953	1,142	0.2	0.2	0.1	0.1	0.2
Gross job losses	22,631	19,717	20,035	63,847	22,603	3.3	2.8	2.9	9.5	3.5
At contracting establishments	21,451	18,346	18,986	61,868	21,234	3.1	2.6	2.7	9.2	3.3
At closing establishments	1,180	1,371	1,049	1,979	1,369	0.2	0.2	0.2	0.3	0.2
Net employment change ⁽²⁾	-5,792	-1,542	-2,620	-51,859	5,732	-0.9	-0.2	-0.4	-7.8	0.9
Wholesale trade										
Gross job gains	9,599	9,470	9,773	7,195	11,515	4.0	4.0	4.1	3.1	5.1
At expanding establishments	7,904	7,774	8,362	5,754	9,640	3.3	3.3	3.5	2.5	4.3
At opening establishments	1,695	1,696	1,411	1,441	1,875	0.7	0.7	0.6	0.6	0.8
Gross job losses	10,092	10,578	9,115	22,218	10,001	4.2	4.5	3.9	9.7	4.5
At contracting establishments	8,424	8,629	7,534	19,437	8,254	3.5	3.7	3.2	8.5	3.7
At closing establishments	1,668	1,949	1,581	2,781	1,747	0.7	0.8	0.7	1.2	0.8
Net employment change ⁽²⁾	-493	-1,108	658	-15,023	1,514	-0.2	-0.5	0.2	-6.6	0.6
Retail trade										
Gross job gains	32,668	32,356	31,669	39,292	48,219	5.9	5.9	5.7	7.2	9.0
At expanding establishments	28,205	28,997	28,388	36,368	42,885	5.1	5.3	5.1	6.7	8.0
At opening establishments	4,463	3,359	3,281	2,924	5,334	0.8	0.6	0.6	0.5	1.0
Gross job losses	35,656	30,627	32,153	78,289	32,271	6.5	5.5	5.8	14.4	6.1
At contracting establishments	32,505	27,322	29,095	71,472	29,272	5.9	4.9	5.2	13.1	5.5
At closing establishments	3,151	3,305	3,058	6,817	2,999	0.6	0.6	0.6	1.3	0.6
Net employment change ⁽²⁾	-2,988	1,729	-484	-38,997	15,948	-0.6	0.4	-0.1	-7.2	2.9
Transportation and warehousing										
Gross job gains	17,697	21,448	9,559	20,400	15,306	8.5	9.8	4.2	9.2	6.9
At expanding establishments	14,220	19,745	8,392	19,170	13,302	6.8	9.0	3.7	8.6	6.0
At opening establishments	3,477	1,703	1,167	1,230	2,004	1.7	0.8	0.5	0.6	0.9
Gross job losses	10,784	9,977	14,820	26,205	10,922	5.2	4.6	6.7	11.8	4.9
At contracting establishments	9,573	8,098	13,809	23,935	9,843	4.6	3.7	6.2	10.8	4.4
At closing establishments	1,211	1,879	1,011	2,270	1,079	0.6	0.9	0.5	1.0	0.5
Net employment change ⁽²⁾	6,913	11,471	-5,261	-5,805	4,384	3.3	5.2	-2.5	-2.6	2.0
Information										
Gross job gains	2,977	3,467	2,586	2,029	4,220	4.3	5.0	3.7	3.1	6.8
At expanding establishments	2,113	2,699	2,142	1,377	3,302	3.1	3.9	3.1	2.1	5.3
At opening establishments	864	768	444	652	918	1.2	1.1	0.6	1.0	1.5
Gross job losses	3,889	3,417	3,457	9,027	2,702	5.6	5.0	5.1	13.9	4.3

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Ohio, 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)				
	Sept 2019	Dec. 2019	Mar. 2020	June 2020	Sept 2020	Sept 2019	Dec. 2019	Mar. 2020	June 2020	Sept 2020
At contracting establishments	3,235	2,857	2,522	7,636	2,061	4.7	4.2	3.7	11.8	3.3
At closing establishments	654	560	935	1,391	641	0.9	0.8	1.4	2.1	1.0
Net employment change ⁽²⁾	-912	50	-871	-6,998	1,518	-1.3	0.0	-1.4	-10.8	2.5
Financial activities										
Gross job gains	12,676	12,678	11,092	9,494	12,008	4.3	4.3	3.8	3.3	4.3
At expanding establishments	10,666	10,055	9,243	7,258	9,853	3.6	3.4	3.2	2.5	3.5
At opening establishments	2,010	2,623	1,849	2,236	2,155	0.7	0.9	0.6	0.8	0.8
Gross job losses	13,195	13,716	11,436	16,988	10,836	4.5	4.7	3.9	5.9	3.8
At contracting establishments	10,715	11,401	9,148	14,394	8,618	3.7	3.9	3.1	5.0	3.0
At closing establishments	2,480	2,315	2,288	2,594	2,218	0.8	0.8	0.8	0.9	0.8
Net employment change ⁽²⁾	-519	-1,038	-344	-7,494	1,172	-0.2	-0.4	-0.1	-2.6	0.5
Professional and business services										
Gross job gains	42,634	46,779	40,738	36,474	58,008	5.8	6.3	5.6	5.2	8.4
At expanding establishments	35,693	38,431	33,552	28,103	49,525	4.9	5.2	4.6	4.0	7.2
At opening establishments	6,941	8,348	7,186	8,371	8,483	0.9	1.1	1.0	1.2	1.2
Gross job losses	49,898	47,284	45,813	93,817	42,274	6.8	6.5	6.3	13.4	6.2
At contracting establishments	41,660	38,600	38,644	84,659	34,291	5.7	5.3	5.3	12.1	5.0
At closing establishments	8,238	8,684	7,169	9,158	7,983	1.1	1.2	1.0	1.3	1.2
Net employment change ⁽²⁾	-7,264	-505	-5,075	-57,343	15,734	-1.0	-0.2	-0.7	-8.2	2.2
Education and health services										
Gross job gains	36,528	34,562	35,369	21,744	46,473	4.0	3.8	3.9	2.5	5.5
At expanding establishments	31,984	29,880	31,158	17,539	40,016	3.5	3.3	3.4	2.0	4.7
At opening establishments	4,544	4,682	4,211	4,205	6,457	0.5	0.5	0.5	0.5	0.8
Gross job losses	38,825	33,216	33,870	84,209	31,132	4.3	3.7	3.7	9.6	3.6
At contracting establishments	33,432	27,886	30,165	76,343	25,911	3.7	3.1	3.3	8.7	3.0
At closing establishments	5,393	5,330	3,705	7,866	5,221	0.6	0.6	0.4	0.9	0.6
Net employment change ⁽²⁾	-2,297	1,346	1,499	-62,465	15,341	-0.3	0.1	0.2	-7.1	1.9
Leisure and hospitality										
Gross job gains	48,310	54,575	44,201	27,593	72,280	8.5	9.6	7.7	5.5	16.0
At expanding establishments	39,162	43,412	34,364	20,159	56,636	6.9	7.6	6.0	4.0	12.5
At opening establishments	9,148	11,163	9,837	7,434	15,644	1.6	2.0	1.7	1.5	3.5
Gross job losses	54,571	45,415	59,627	182,695	35,194	9.7	8.0	10.4	36.4	7.7
At contracting establishments	46,159	38,229	50,939	152,204	28,633	8.2	6.7	8.9	30.3	6.3
At closing establishments	8,412	7,186	8,688	30,491	6,561	1.5	1.3	1.5	6.1	1.4
Net employment change ⁽²⁾	-6,261	9,160	-15,426	-155,102	37,086	-1.2	1.6	-2.7	-30.9	8.3
Other services ⁽³⁾										
Gross job gains	10,320	10,872	10,176	6,918	15,438	6.7	7.1	6.7	4.9	11.6
At expanding establishments	8,334	8,609	8,377	5,306	12,781	5.4	5.6	5.5	3.8	9.6
At opening establishments	1,986	2,263	1,799	1,612	2,657	1.3	1.5	1.2	1.1	2.0
Gross job losses	11,066	10,001	11,416	31,774	8,473	7.2	6.5	7.4	22.6	6.4
At contracting establishments	9,189	8,039	8,917	26,679	7,015	6.0	5.2	5.8	19.0	5.3
At closing establishments	1,877	1,962	2,499	5,095	1,458	1.2	1.3	1.6	3.6	1.1
Net employment change ⁽²⁾	-746	871	-1,240	-24,856	6,965	-0.5	0.6	-0.7	-17.7	5.2

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)				
	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	Sept. 2020	Sept. 2019	Dec. 2019	Mar. 2020	June 2020	Sept. 2020
United States ⁽¹⁾	5.9	6.2	5.5	4.8	9.4	5.8	5.5	6.1	17.0	6.0
Alabama	5.8	6.2	5.5	4.8	7.8	5.9	5.5	5.9	12.6	5.9
Alaska	9.6	10.3	9.2	6.9	12.2	10.1	10.2	9.5	24.5	9.9
Arizona	6.3	6.4	5.6	5.7	7.9	4.9	5.2	5.9	11.7	6.2
Arkansas	5.6	6.5	5.1	4.8	7.5	5.8	4.9	5.5	12.0	5.6
California	6.3	6.8	6.1	5.2	8.7	6.0	6.0	6.7	18.6	7.3
Colorado	6.6	6.7	6.3	5.8	10.0	6.4	6.2	7.0	14.9	6.3
Connecticut	5.5	5.5	5.2	4.3	11.2	5.8	5.6	5.9	19.7	5.1
Delaware	6.2	6.7	6.2	4.9	10.3	6.3	6.2	6.6	17.7	6.3
District of Columbia	5.5	5.4	5.2	3.3	8.3	5.3	4.7	5.3	22.4	5.8
Florida	6.6	6.6	5.4	6.1	9.5	5.8	5.9	6.2	13.9	6.8
Georgia	6.2	6.5	5.6	5.4	9.2	6.0	5.5	5.9	15.0	6.4
Hawaii	5.6	5.7	5.2	3.6	7.4	5.2	5.2	5.8	29.8	12.7
Idaho	7.0	7.7	7.6	6.4	8.4	6.8	6.3	6.1	11.2	6.5
Illinois	5.0	5.6	5.0	4.6	9.7	5.6	5.2	6.0	18.4	5.6
Indiana	5.4	6.0	4.9	4.7	8.3	5.6	5.1	6.0	13.7	5.4
Iowa	5.3	5.8	5.2	4.4	7.4	5.7	5.5	5.9	13.0	5.6
Kansas	5.6	6.3	5.4	5.0	7.9	5.7	5.7	6.0	13.3	6.0
Kentucky	5.9	6.2	5.3	4.6	8.8	5.7	5.6	6.1	15.3	5.0
Louisiana	5.9	5.9	5.3	4.5	8.8	6.1	5.7	6.3	16.9	7.2
Maine	6.5	7.3	6.4	5.4	12.0	7.3	6.9	7.0	21.7	6.0
Maryland	6.2	6.4	5.7	4.7	11.0	6.3	5.9	6.7	21.9	5.9
Massachusetts	5.3	5.8	5.2	3.7	12.5	5.9	5.6	6.0	24.2	5.6
Michigan	5.1	5.8	5.0	4.0	10.9	5.9	5.3	5.7	20.7	4.8
Minnesota	5.4	5.8	5.0	4.3	9.0	5.8	5.6	5.6	17.6	5.4
Mississippi	5.7	6.2	5.6	5.1	8.7	5.7	5.6	6.2	12.9	5.5
Missouri	5.8	6.2	5.2	4.7	8.5	5.8	5.3	5.7	14.3	5.7
Montana	7.4	8.6	7.7	6.8	9.9	7.7	7.2	7.7	13.8	7.2
Nebraska	5.7	6.2	5.8	4.9	8.1	5.5	5.8	6.1	12.1	5.9
Nevada	6.1	6.8	5.4	5.3	12.8	5.5	5.0	6.3	29.2	6.4
New Hampshire	5.8	6.6	6.0	4.5	11.9	6.6	6.0	6.4	18.8	5.1
New Jersey	6.0	6.5	5.7	4.6	15.7	6.2	5.8	6.3	28.1	5.8
New Mexico	6.8	7.0	6.1	4.5	8.3	6.1	6.3	6.5	17.6	6.0
New York	5.8	6.0	5.5	3.9	13.3	5.9	5.7	6.4	26.9	5.9
North Carolina	5.8	6.3	5.8	4.8	8.5	6.0	5.4	5.7	14.5	5.6
North Dakota	6.5	6.7	6.8	5.2	8.8	7.1	6.6	7.0	17.2	6.9
Ohio	5.3	5.7	5.1	4.5	7.7	5.9	5.3	5.6	14.4	5.3
Oklahoma	6.4	6.5	5.4	5.6	6.8	6.2	6.2	6.7	12.3	6.4
Oregon	6.2	6.7	6.2	5.0	9.0	6.2	5.8	6.5	18.4	6.2
Pennsylvania	5.2	5.4	4.9	3.6	10.3	5.1	4.9	5.6	18.2	5.0
Rhode Island	6.0	6.5	6.1	4.5	12.9	6.2	5.9	6.5	25.2	5.3
South Carolina	6.0	6.5	5.5	5.1	8.8	5.9	5.9	6.6	14.9	6.1
South Dakota	5.9	6.4	6.0	5.1	8.6	6.0	5.8	6.6	11.6	5.5
Tennessee	5.5	5.7	4.9	4.4	8.1	5.1	5.0	5.3	13.7	5.4
Texas	5.9	6.0	5.0	4.7	7.2	5.3	5.1	5.5	13.6	6.0
Utah	6.8	6.8	6.6	6.5	9.1	6.3	6.3	6.4	10.9	6.2
Vermont	6.3	6.9	5.8	4.6	12.3	7.6	6.4	7.6	18.5	5.7
Virginia	5.5	6.5	5.6	4.7	10.2	6.3	5.5	6.1	18.2	5.3
Washington	6.1	6.6	7.4	4.9	8.9	6.1	5.8	7.4	16.9	6.2
West Virginia	5.9	6.2	6.0	5.1	8.8	6.7	7.1	6.8	13.8	7.0
Wisconsin	4.8	5.4	5.0	4.4	7.6	5.9	5.0	5.3	14.4	5.2
Wyoming	8.6	9.4	8.6	6.4	10.7	8.9	8.7	9.3	18.1	7.7
Puerto Rico	5.9	5.4	5.0	4.0	11.0	5.5	4.9	5.2	16.9	5.1
Virgin Islands	12.0	10.3	7.2	5.3	8.4	6.4	7.3	8.3	19.8	12.3

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.