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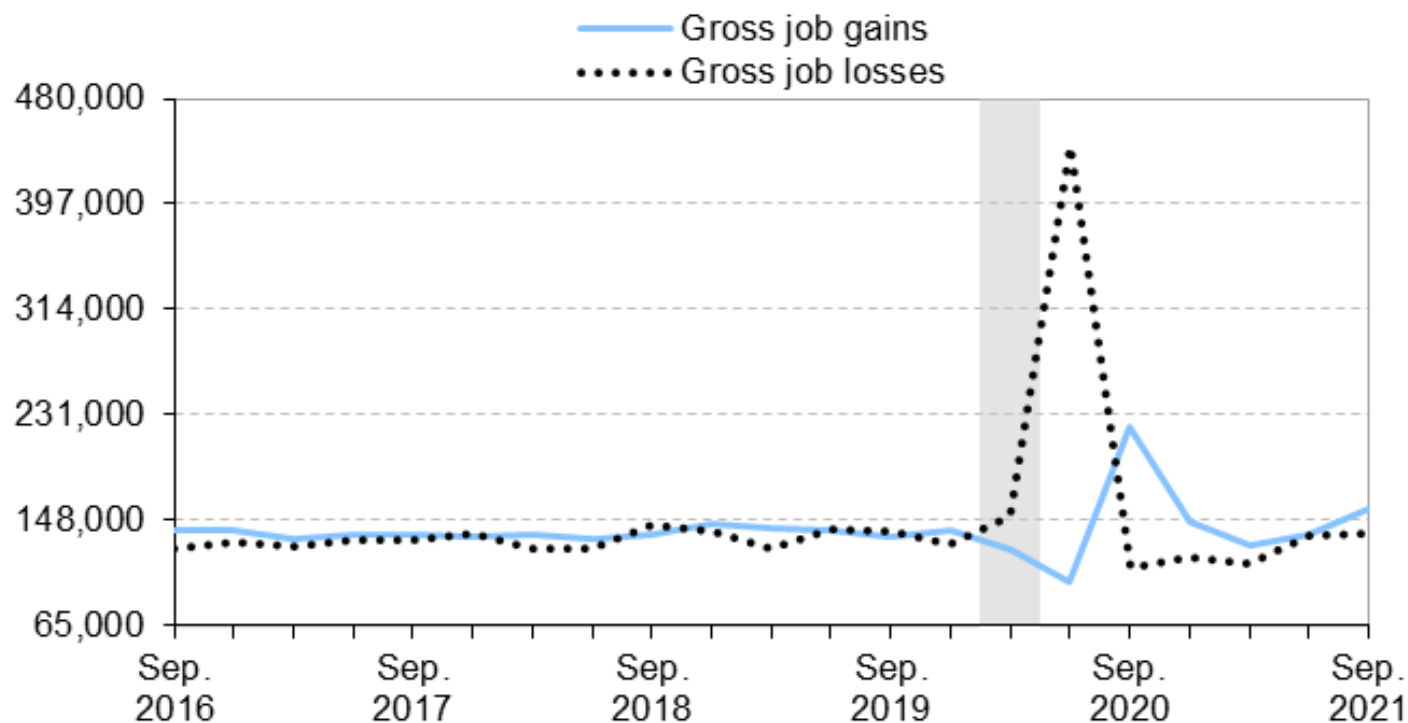
Technical information: (215) 597-3282 BLSInfoPhiladelphia@bls.gov www.bls.gov/regions/mid-atlantic

Media contact: (215) 861-5600 BLSMediaPhiladelphia@bls.gov

Business Employment Dynamics in Maryland — Third Quarter 2021

From June 2021 to September 2021, **gross job gains** from opening and expanding private-sector establishments in Maryland were 157,519, while **gross job losses** from closing and contracting private-sector establishments were 138,640, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Alexandra Hall Bovee noted that the difference between the number of gross job gains and the number of gross job losses yielded a **net employment gain** of 18,879 jobs in the private sector during the third quarter of 2021. During the previous quarter, gross job gains exceeded gross job losses by 771. (See [chart 1](#).)

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



Source: U.S. Bureau of Labor Statistics.

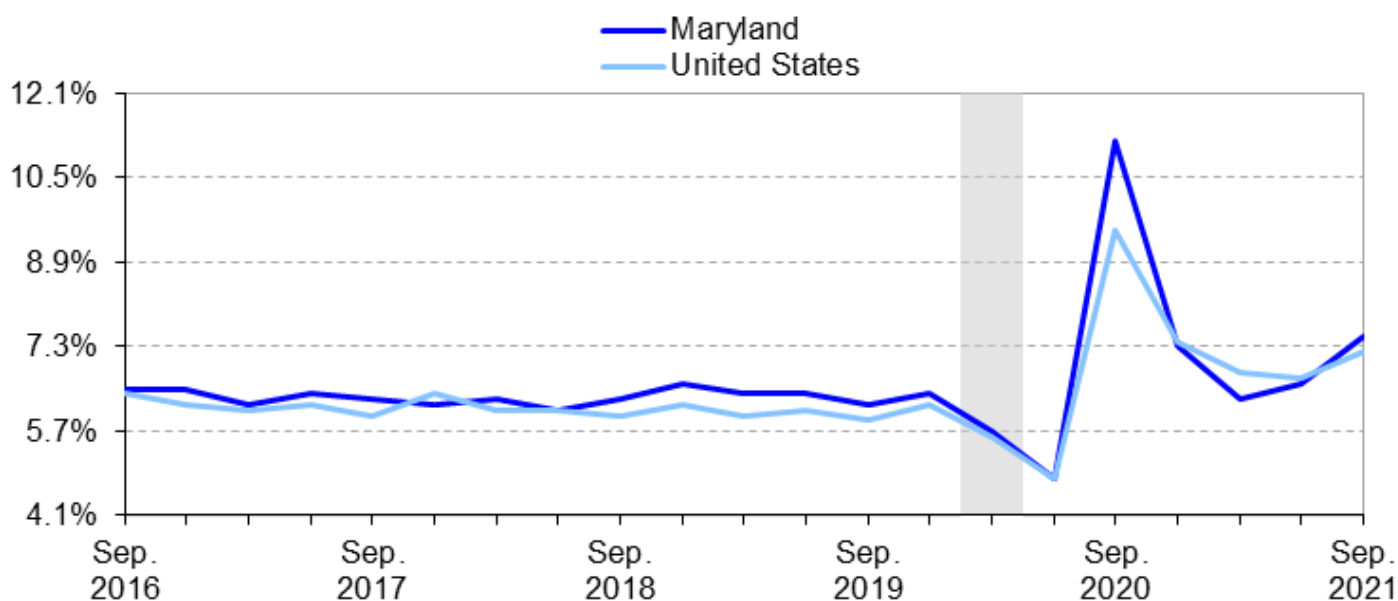
Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

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 third quarter of 2021, gross job gains represented 7.5 percent of private-sector employment in Maryland; nationally, gross job gains accounted for 7.2 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 Maryland, gross job gains at **expanding** establishments totaled 124,091 in the third quarter of 2021, an increase of 13,784 jobs compared to the previous quarter. (See [table 1](#).) **Opening** establishments accounted for 33,428 jobs gained in the third quarter of 2021, an increase of 6,043 jobs from the previous quarter.

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



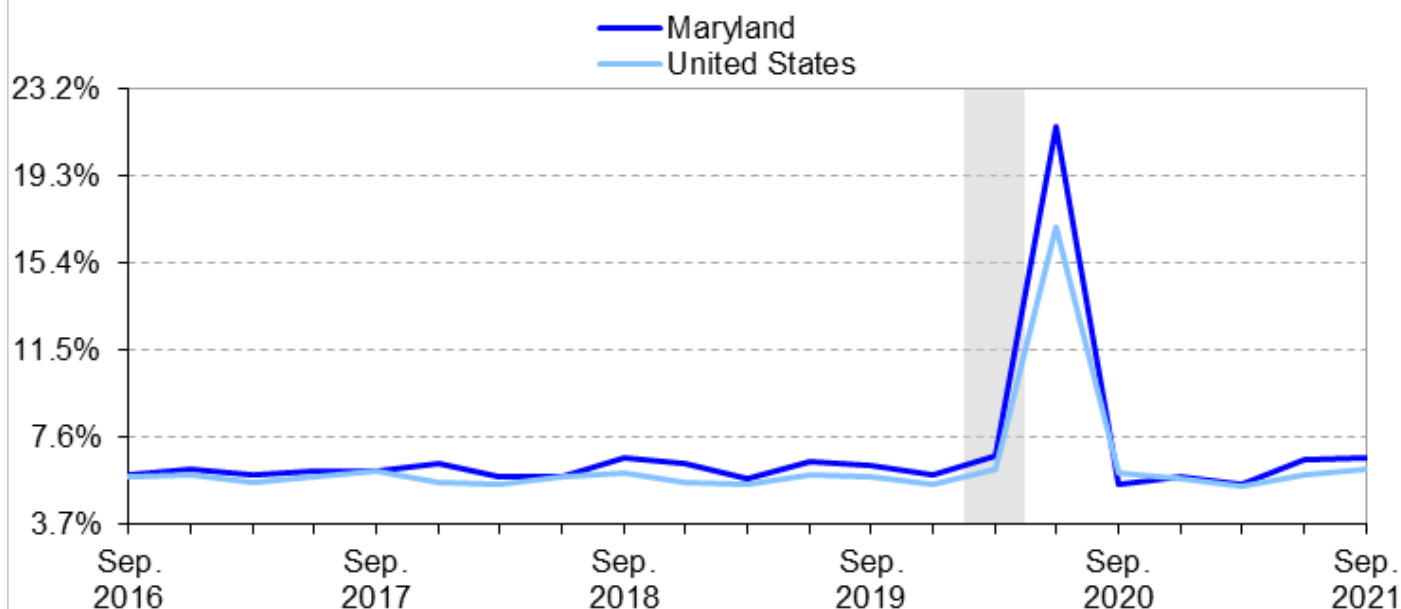
Source: U.S. Bureau of Labor Statistics.

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

Gross job losses

In the third quarter of 2021, gross job losses represented 6.7 percent of private-sector employment in Maryland; nationally, gross job losses accounted for 6.2 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 Maryland, **contracting** establishments lost 112,097 jobs in the third quarter of 2021, an increase of 9,640 jobs from the prior quarter. **Closing** establishments lost 26,543 jobs, a decrease of 7,921 jobs from the previous quarter.

Chart 3. Private-sector gross job losses as a percent of employment, United States and Maryland, September 2016–September 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 7 of the 11 industry sectors in Maryland in the third quarter of 2021. Leisure and hospitality had the largest over-the-quarter net job increase, with a gain of 12,838 jobs. This was the result of 32,445 gross job gains and 19,607 gross job losses. The transportation and warehousing sector had a net gain of 3,283 jobs. Professional and business services showed a net gain of 3,112 jobs. Retail trade showed a net loss of 4,502 jobs, the largest loss of any sector in the state.

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 Fourth Quarter 2021 are scheduled to be released on Wednesday, July 27, 2022.

Coronavirus (COVID-19) Effect on 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; Telecommunications Relay Service: 7-1-1.

Table 1. Private sector gross job gains and losses by industry, Maryland, seasonally adjusted

Category	Gross job gains and losses (3 months ended)					Gross job gains and losses as a percent of employment (3 months ended)				
	Sept. 2020	Dec. 2020	Mar. 2021	June 2021	Sept. 2021	Sept. 2020	Dec. 2020	Mar. 2021	June 2021	Sept. 2021
Total private ⁽¹⁾										
Gross job gains	221,885	147,691	129,076	137,692	157,519	11.2	7.3	6.3	6.6	7.5
At expanding establishments	178,493	124,255	109,351	110,307	124,091	9.0	6.1	5.3	5.3	5.9
At opening establishments	43,392	23,436	19,725	27,385	33,428	2.2	1.2	1.0	1.3	1.6
Gross job losses	110,106	119,660	114,275	136,921	138,640	5.5	5.8	5.5	6.6	6.7
At contracting establishments	93,463	94,347	90,990	102,457	112,097	4.7	4.6	4.4	4.9	5.4
At closing establishments	16,643	25,313	23,285	34,464	26,543	0.8	1.2	1.1	1.7	1.3
Net employment change ⁽²⁾	111,779	28,031	14,801	771	18,879	5.7	1.5	0.8	0.0	0.8
Construction										
Gross job gains	12,160	11,522	9,864	9,345	10,566	7.6	7.1	6.0	5.8	6.7
At expanding establishments	9,726	9,532	8,344	7,551	8,363	6.1	5.9	5.1	4.7	5.3
At opening establishments	2,434	1,990	1,520	1,794	2,203	1.5	1.2	0.9	1.1	1.4
Gross job losses	10,414	9,711	9,997	12,362	11,275	6.6	6.1	6.2	7.7	7.1
At contracting establishments	8,981	7,624	8,113	9,827	9,382	5.7	4.8	5.0	6.1	5.9
At closing establishments	1,433	2,087	1,884	2,535	1,893	0.9	1.3	1.2	1.6	1.2
Net employment change ⁽²⁾	1,746	1,811	-133	-3,017	-709	1.0	1.0	-0.2	-1.9	-0.4
Manufacturing										
Gross job gains	4,613	5,264	4,056	3,472	3,948	4.3	4.9	3.7	3.1	3.6
At expanding establishments	4,033	4,754	3,713	2,984	3,248	3.8	4.4	3.4	2.7	3.0
At opening establishments	580	510	343	488	700	0.5	0.5	0.3	0.4	0.6
Gross job losses	3,199	3,421	3,604	6,671	3,261	3.0	3.2	3.3	6.1	3.0
At contracting establishments	2,887	3,018	3,085	5,759	2,755	2.7	2.8	2.8	5.3	2.5
At closing establishments	312	403	519	912	506	0.3	0.4	0.5	0.8	0.5
Net employment change ⁽²⁾	1,414	1,843	452	-3,199	687	1.3	1.7	0.4	-3.0	0.6
Wholesale trade										
Gross job gains	4,792	4,334	3,607	3,909	4,199	6.1	5.4	4.5	4.8	5.2
At expanding establishments	3,864	3,677	3,031	3,175	3,499	4.9	4.6	3.8	3.9	4.3
At opening establishments	928	657	576	734	700	1.2	0.8	0.7	0.9	0.9
Gross job losses	3,967	3,245	3,429	3,833	4,420	5.0	4.1	4.3	4.7	5.5
At contracting establishments	3,027	2,295	2,494	2,912	3,162	3.8	2.9	3.1	3.6	3.9
At closing establishments	940	950	935	921	1,258	1.2	1.2	1.2	1.1	1.6
Net employment change ⁽²⁾	825	1,089	178	76	-221	1.1	1.3	0.2	0.1	-0.3
Retail trade										
Gross job gains	38,276	17,183	18,891	18,385	15,707	15.3	6.6	7.1	6.9	5.8
At expanding establishments	33,014	15,449	16,685	15,983	13,727	13.2	5.9	6.3	6.0	5.1
At opening establishments	5,262	1,734	2,206	2,402	1,980	2.1	0.7	0.8	0.9	0.7
Gross job losses	15,536	15,893	14,557	17,303	20,209	6.2	6.2	5.5	6.4	7.6
At contracting establishments	14,505	12,896	11,619	13,963	17,092	5.8	5.0	4.4	5.2	6.4
At closing establishments	1,031	2,997	2,938	3,340	3,117	0.4	1.2	1.1	1.2	1.2
Net employment change ⁽²⁾	22,740	1,290	4,334	1,082	-4,502	9.1	0.4	1.6	0.5	-1.8
Transportation and warehousing										
Gross job gains	8,176	14,498	5,742	5,585	13,929	8.5	14.3	5.5	5.5	13.6
At expanding establishments	7,371	13,116	4,913	4,325	12,951	7.7	12.9	4.7	4.3	12.6
At opening establishments	805	1,382	829	1,260	978	0.8	1.4	0.8	1.2	1.0
Gross job losses	5,598	8,704	9,146	6,946	10,646	5.8	8.6	8.8	6.8	10.4
At contracting establishments	5,090	7,297	8,552	6,035	10,151	5.3	7.2	8.2	5.9	9.9
At closing establishments	508	1,407	594	911	495	0.5	1.4	0.6	0.9	0.5
Net employment change ⁽²⁾	2,578	5,794	-3,404	-1,361	3,283	2.7	5.7	-3.3	-1.3	3.2
Information										
Gross job gains	2,226	1,700	1,655	2,434	3,136	7.0	5.2	5.2	7.4	9.4
At expanding establishments	1,493	1,203	1,219	1,703	2,363	4.7	3.7	3.8	5.2	7.1
At opening establishments	733	497	436	731	773	2.3	1.5	1.4	2.2	2.3
Gross job losses	1,496	2,000	1,567	1,883	1,923	4.7	6.2	4.9	5.8	5.7

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Maryland, seasonally adjusted - Continued

Category	Gross job gains and losses (3 months ended)					Gross job gains and losses as a percent of employment (3 months ended)				
	Sept. 2020	Dec. 2020	Mar. 2021	June 2021	Sept. 2021	Sept. 2020	Dec. 2020	Mar. 2021	June 2021	Sept. 2021
At contracting establishments	1,281	1,407	1,223	1,374	1,406	4.0	4.4	3.8	4.2	4.2
At closing establishments	215	593	344	509	517	0.7	1.8	1.1	1.6	1.5
Net employment change ⁽²⁾	730	-300	88	551	1,213	2.3	-1.0	0.3	1.6	3.7
Financial activities										
Gross job gains	7,208	7,699	5,802	6,284	8,277	5.6	6.0	4.5	4.9	6.5
At expanding establishments	5,657	5,781	4,424	4,732	6,112	4.4	4.5	3.4	3.7	4.8
At opening establishments	1,551	1,918	1,378	1,552	2,165	1.2	1.5	1.1	1.2	1.7
Gross job losses	6,564	6,493	5,779	7,277	8,536	5.1	5.0	4.5	5.6	6.6
At contracting establishments	4,999	4,813	4,276	4,900	5,949	3.9	3.7	3.3	3.8	4.6
At closing establishments	1,565	1,680	1,503	2,377	2,587	1.2	1.3	1.2	1.8	2.0
Net employment change ⁽²⁾	644	1,206	23	-993	-259	0.5	1.0	0.0	-0.7	-0.1
Professional and business services										
Gross job gains	39,129	35,270	30,692	33,349	36,188	9.0	8.0	6.8	7.4	8.0
At expanding establishments	28,954	29,575	25,662	25,804	26,290	6.7	6.7	5.7	5.7	5.8
At opening establishments	10,175	5,695	5,030	7,545	9,898	2.3	1.3	1.1	1.7	2.2
Gross job losses	28,264	26,076	26,002	34,420	33,076	6.5	5.8	5.8	7.6	7.3
At contracting establishments	23,513	20,154	19,863	24,344	25,512	5.4	4.5	4.4	5.4	5.6
At closing establishments	4,751	5,922	6,139	10,076	7,564	1.1	1.3	1.4	2.2	1.7
Net employment change ⁽²⁾	10,865	9,194	4,690	-1,071	3,112	2.5	2.2	1.0	-0.2	0.7
Education and health services										
Gross job gains	27,214	20,631	19,766	18,924	19,992	6.7	5.0	4.6	4.5	4.7
At expanding establishments	21,642	17,842	17,894	15,617	15,589	5.3	4.3	4.2	3.7	3.7
At opening establishments	5,572	2,789	1,872	3,307	4,403	1.4	0.7	0.4	0.8	1.0
Gross job losses	17,551	17,028	16,681	20,518	19,436	4.3	4.1	3.9	4.9	4.6
At contracting establishments	15,683	12,998	13,586	14,232	15,652	3.8	3.1	3.2	3.4	3.7
At closing establishments	1,868	4,030	3,095	6,286	3,784	0.5	1.0	0.7	1.5	0.9
Net employment change ⁽²⁾	9,663	3,603	3,085	-1,594	556	2.4	0.9	0.7	-0.4	0.1
Leisure and hospitality										
Gross job gains	66,363	23,270	22,206	28,174	32,445	34.7	11.0	10.3	12.6	13.9
At expanding establishments	55,470	18,625	18,756	23,478	25,738	29.0	8.8	8.7	10.5	11.0
At opening establishments	10,893	4,645	3,450	4,696	6,707	5.7	2.2	1.6	2.1	2.9
Gross job losses	11,571	21,237	18,475	19,392	19,607	6.1	10.0	8.6	8.7	8.3
At contracting establishments	9,126	17,423	14,403	14,749	16,273	4.8	8.2	6.7	6.6	6.9
At closing establishments	2,445	3,814	4,072	4,643	3,334	1.3	1.8	1.9	2.1	1.4
Net employment change ⁽²⁾	54,792	2,033	3,731	8,782	12,838	28.6	1.0	1.7	3.9	5.6
Other services ⁽³⁾										
Gross job gains	10,738	5,408	4,736	6,195	6,751	15.5	7.5	6.6	8.5	9.0
At expanding establishments	6,511	3,964	3,741	4,025	4,819	9.4	5.5	5.2	5.5	6.4
At opening establishments	4,227	1,444	995	2,170	1,932	6.1	2.0	1.4	3.0	2.6
Gross job losses	5,021	4,801	4,277	5,096	4,876	7.3	6.7	5.9	6.9	6.5
At contracting establishments	3,534	3,463	3,188	3,448	3,668	5.1	4.8	4.4	4.7	4.9
At closing establishments	1,487	1,338	1,089	1,648	1,208	2.2	1.9	1.5	2.2	1.6
Net employment change ⁽²⁾	5,717	607	459	1,099	1,875	8.2	0.8	0.7	1.6	2.5

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. 2020	Dec. 2020	Mar. 2021	June 2021	Sept. 2021	Sept. 2020	Dec. 2020	Mar. 2021	June 2021	Sept. 2021
United States ⁽¹⁾	9.5	7.4	6.8	6.7	7.2	6.0	5.7	5.4	5.9	6.2
Alabama	7.8	7.6	5.9	6.2	6.6	5.9	5.5	5.9	6.0	6.7
Alaska	12.2	13.4	11.0	9.5	10.4	9.8	7.7	9.4	9.2	9.5
Arizona	7.8	7.3	6.3	6.8	6.9	6.1	5.0	5.5	6.0	6.0
Arkansas	7.6	7.2	5.9	5.5	6.6	5.7	5.2	5.1	5.6	5.9
California	8.9	8.5	7.7	7.8	7.8	7.1	6.1	5.9	6.4	6.3
Colorado	10.1	7.5	8.6	7.8	8.1	6.4	7.2	5.6	6.4	7.0
Connecticut	11.4	6.6	6.3	6.6	6.8	5.1	5.9	5.3	5.9	6.0
Delaware	10.3	6.8	6.8	6.4	7.2	6.4	6.0	6.0	6.4	7.0
District of Columbia	8.2	5.3	5.5	7.0	7.9	5.7	5.5	5.3	5.4	4.8
Florida	9.5	8.0	6.9	7.8	9.2	6.7	6.0	5.8	6.2	6.0
Georgia	9.3	7.9	6.7	6.9	7.4	6.5	5.2	5.7	6.2	6.2
Hawaii	7.5	14.7	8.5	10.7	7.2	12.2	4.6	5.9	5.6	6.6
Idaho	8.4	8.7	8.1	7.2	7.7	6.4	6.1	5.7	7.2	7.3
Illinois	9.7	6.5	7.2	6.0	6.3	5.6	6.1	4.9	5.6	6.0
Indiana	8.3	6.8	6.0	5.7	6.3	5.2	5.0	5.1	6.0	5.8
Iowa	7.5	6.8	6.1	6.0	6.2	5.5	5.1	5.4	6.0	6.0
Kansas	7.9	7.0	6.2	6.2	6.6	5.9	5.9	5.5	6.1	6.6
Kentucky	9.0	7.3	7.3	6.4	6.6	5.1	6.1	5.1	6.5	6.5
Louisiana	9.1	8.7	6.4	6.8	6.9	7.0	5.6	5.9	6.2	8.6
Maine	12.3	8.5	9.0	7.7	7.8	6.0	6.3	6.3	7.8	8.0
Maryland	11.2	7.3	6.3	6.6	7.5	5.5	5.8	5.5	6.6	6.7
Massachusetts	12.4	7.0	6.6	6.9	7.2	5.4	5.5	5.0	5.7	5.9
Michigan	10.9	6.7	8.5	6.2	6.6	4.8	6.9	4.9	5.6	6.1
Minnesota	9.0	6.9	9.2	6.1	6.4	5.4	6.8	4.9	5.5	6.8
Mississippi	8.7	8.0	5.6	6.4	7.5	5.5	4.9	6.6	6.5	6.2
Missouri	8.5	7.1	6.3	6.0	6.7	5.7	5.2	5.3	6.3	6.1
Montana	9.9	9.4	8.8	8.3	8.4	7.2	6.8	6.9	8.1	8.3
Nebraska	8.2	6.8	6.5	6.2	6.2	5.8	5.5	6.2	6.0	6.6
Nevada	12.9	8.8	7.3	9.5	8.9	6.4	5.7	5.5	5.7	5.8
New Hampshire	11.8	7.4	7.4	7.0	7.0	5.3	6.4	5.4	6.4	6.8
New Jersey	15.7	8.1	7.0	7.2	7.4	5.6	5.9	5.6	5.7	6.1
New Mexico	8.5	7.3	8.5	7.1	7.9	6.1	7.5	5.7	6.6	6.3
New York	13.3	7.4	6.9	7.1	7.5	5.9	6.3	5.4	5.7	6.0
North Carolina	8.7	7.9	6.6	6.4	6.8	5.6	5.0	5.4	5.8	6.4
North Dakota	8.9	7.2	7.8	6.9	7.5	6.9	7.1	6.5	6.5	6.7
Ohio	7.8	6.6	6.1	5.9	6.1	5.3	5.2	5.0	5.8	6.0
Oklahoma	7.1	7.9	6.1	6.5	7.1	6.6	5.8	6.1	6.0	7.0
Oregon	9.0	7.4	8.5	6.6	7.0	6.3	6.5	5.6	6.6	6.5
Pennsylvania	10.3	6.2	6.4	5.6	6.2	4.9	5.3	4.6	5.3	5.3
Rhode Island	13.0	7.6	9.8	7.0	7.6	5.3	7.1	5.5	6.4	6.6
South Carolina	8.8	8.0	6.2	6.3	7.2	5.9	5.2	6.1	6.5	6.6
South Dakota	8.6	7.2	7.3	6.8	6.6	5.5	6.2	6.0	5.8	6.5
Tennessee	8.1	7.5	5.6	5.9	6.8	5.5	4.6	5.0	5.8	5.5
Texas	7.3	7.6	5.7	6.7	7.1	6.1	4.8	5.0	5.4	5.4
Utah	9.1	8.1	7.1	6.9	7.3	6.3	5.6	6.1	6.0	6.8
Vermont	12.9	7.6	8.2	8.4	7.9	5.8	8.0	6.1	6.8	7.5
Virginia	10.4	7.0	6.0	6.2	6.8	5.4	5.3	5.4	6.0	6.1
Washington	8.9	7.2	7.9	6.7	7.2	6.3	6.1	5.4	5.8	5.7
West Virginia	8.9	7.4	7.2	6.5	6.7	6.9	6.2	5.8	6.4	6.5
Wisconsin	7.6	6.3	5.8	5.8	5.5	5.1	5.1	4.7	5.4	5.8
Wyoming	10.8	10.0	9.1	8.8	8.9	7.7	7.7	8.3	8.5	8.6
Puerto Rico	11.1	6.6	6.6	7.7	8.3	5.1	4.9	5.0	5.0	5.1
Virgin Islands	7.8	9.9	7.4	10.6	7.4	12.5	5.8	10.8	6.2	8.5

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.