



For Release: Tuesday, February 15, 2022

22-299-PHI

MID-ATLANTIC INFORMATION OFFICE: Philadelphia, Pa.

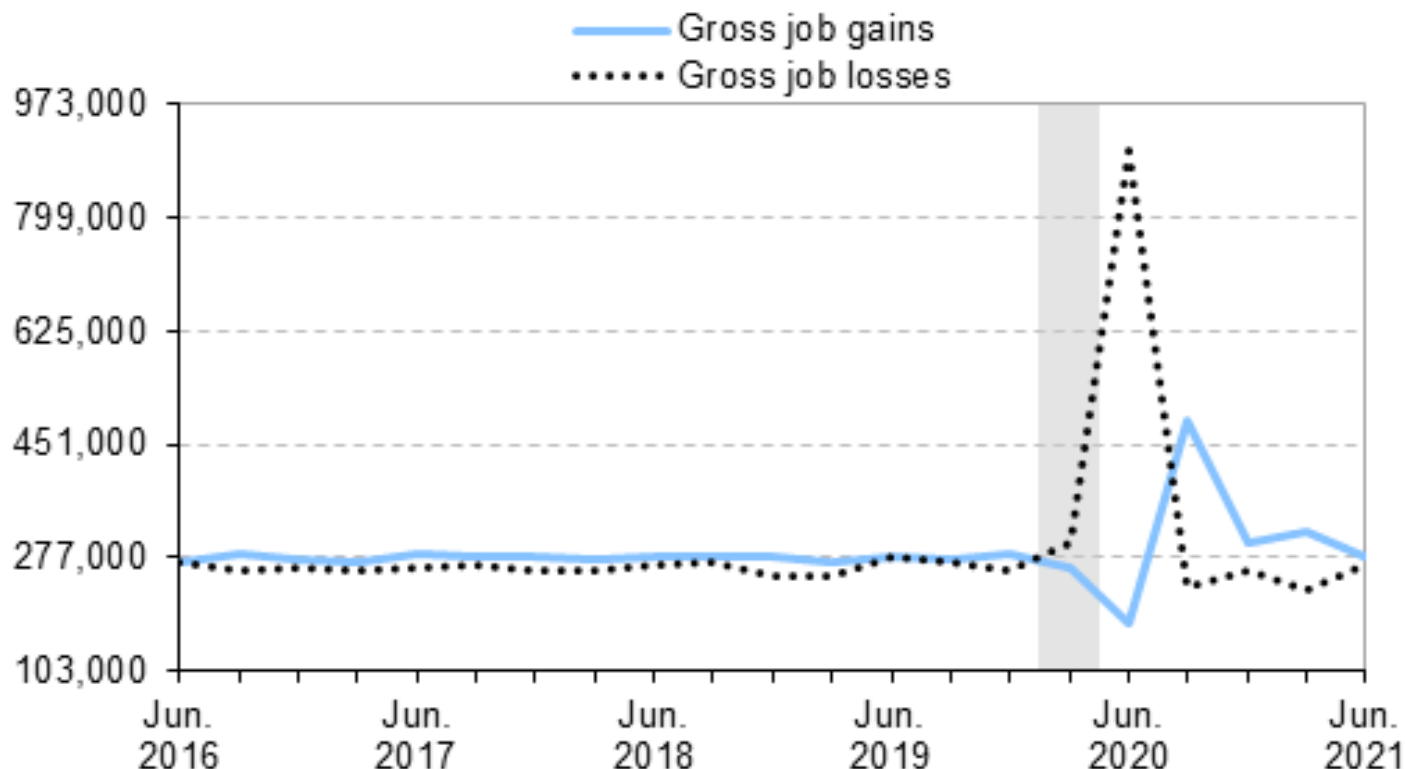
Technical information: (215) 597-3282 BLSInfoPhiladelphia@bls.gov www.bls.gov/regions/mid-atlantic

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

Business Employment Dynamics in Pennsylvania — Second Quarter 2021

From March 2021 to June 2021, **gross job gains** from opening and expanding private-sector establishments in Pennsylvania were 277,331, while **gross job losses** from closing and contracting private-sector establishments were 266,006, 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 11,325 jobs in the private sector during the second quarter of 2021. During the previous quarter, gross job gains exceeded gross job losses by 91,143. (See [chart 1.](#))

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



Source: U.S. Bureau of Labor Statistics.

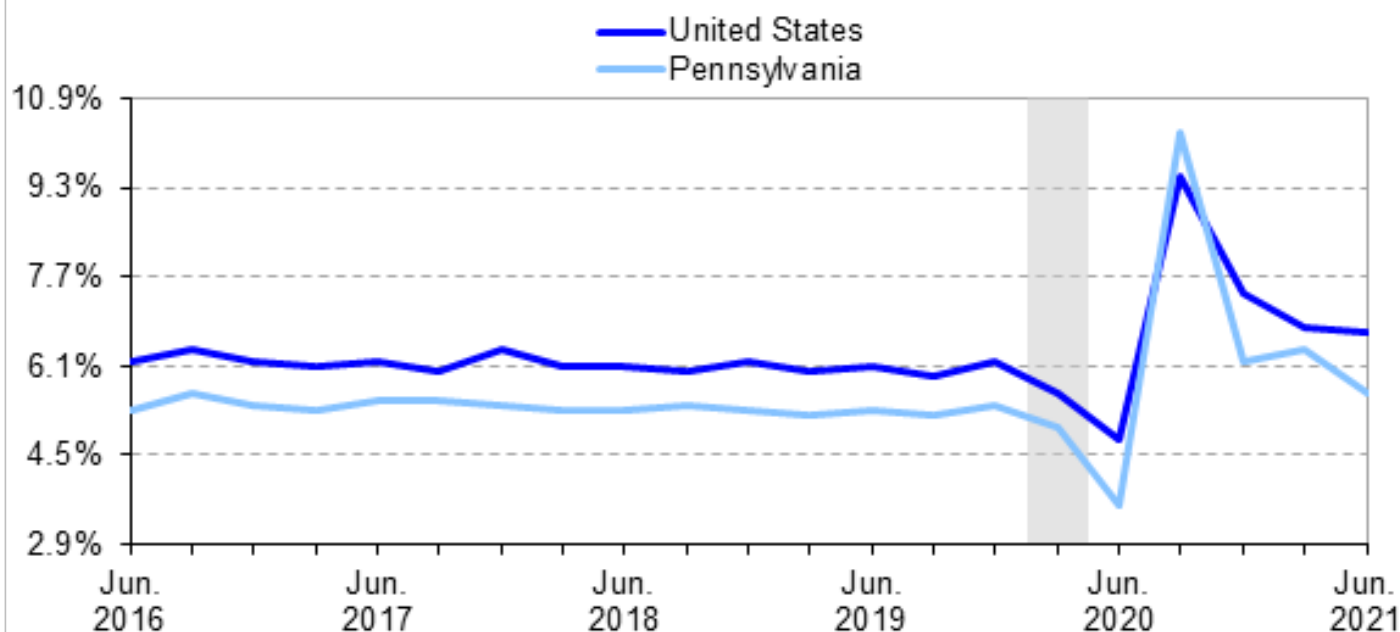
Note: Shaded area represents National Bureau of Economic Research (NBER) defined recession period.

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 5.6 percent of private-sector employment in Pennsylvania; 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 Pennsylvania, gross job gains at **expanding** establishments totaled 234,358 in the second quarter of 2021, a decrease of 37,452 jobs compared to the previous quarter. (See [table 1](#).) **Opening** establishments accounted for 42,973 jobs gained in the second quarter of 2021, a decrease of 3,573 jobs from the previous quarter.

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



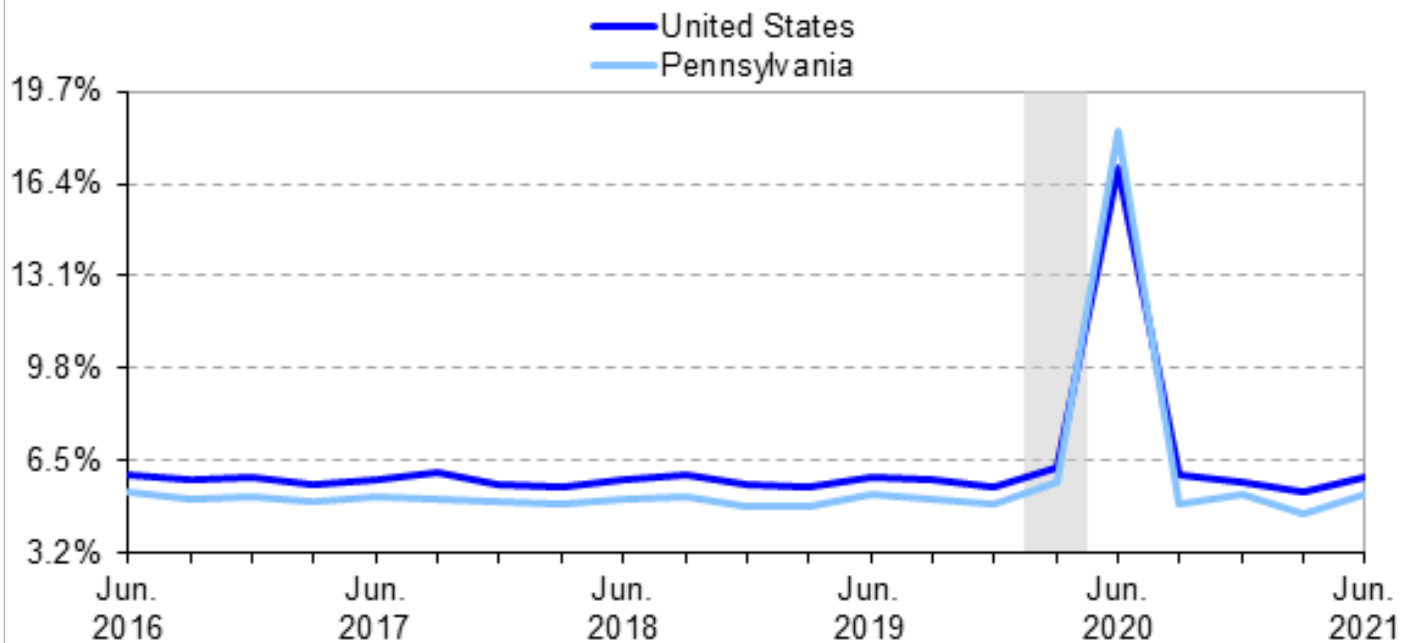
Source: U.S. Bureau of Labor Statistics.

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 5.3 percent of private-sector employment in Pennsylvania; 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 Pennsylvania, **contracting** establishments lost 234,624 jobs in the second quarter of 2021, an increase of 41,166 jobs from the prior quarter. **Closing** establishments lost 31,382 jobs, a decrease of 2,373 jobs from the previous quarter.

Chart 3. Private-sector gross job losses as a percent of employment, United States and Pennsylvania, 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 Pennsylvania in the second quarter of 2021. Leisure and hospitality had the largest over-the-quarter net job increase, with a gain of 18,423 jobs. This was the result of 59,577 gross job gains and 41,154 gross job losses. The other services industry had a net gain of 3,717 jobs. Pennsylvania's professional and business services sector had a net gain of 2,918 jobs. Education and health services had a net loss of 6,150 jobs. Transportation and warehousing had a net loss of 5,996 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; Telecommunications Relay Service: 7-1-1.

Table 1. Private sector gross job gains and losses by industry, Pennsylvania, 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	175,690	487,751	298,990	318,356	277,331	3.6	10.3	6.2	6.4	5.6
At expanding establishments	140,783	388,732	252,371	271,810	234,358	2.9	8.2	5.2	5.5	4.7
At opening establishments	34,907	99,019	46,619	46,546	42,973	0.7	2.1	1.0	0.9	0.9
Gross job losses	901,158	232,669	258,653	227,213	266,006	18.3	4.9	5.3	4.6	5.3
At contracting establishments	763,041	197,271	218,308	193,458	234,624	15.5	4.2	4.5	3.9	4.7
At closing establishments	138,117	35,398	40,345	33,755	31,382	2.8	0.7	0.8	0.7	0.6
Net employment change ⁽²⁾	-725,468	255,082	40,337	91,143	11,325	-14.7	5.4	0.9	1.8	0.3
Construction										
Gross job gains	17,179	27,503	24,656	22,940	21,369	6.8	11.5	10.0	9.0	8.4
At expanding establishments	13,906	21,490	20,210	18,535	17,772	5.5	9.0	8.2	7.3	7.0
At opening establishments	3,273	6,013	4,446	4,405	3,597	1.3	2.5	1.8	1.7	1.4
Gross job losses	46,652	20,142	19,155	20,016	20,091	18.5	8.4	7.7	7.9	7.9
At contracting establishments	39,371	16,978	15,491	17,011	17,348	15.6	7.1	6.2	6.7	6.8
At closing establishments	7,281	3,164	3,664	3,005	2,743	2.9	1.3	1.5	1.2	1.1
Net employment change ⁽²⁾	-29,473	7,361	5,501	2,924	1,278	-11.7	3.1	2.3	1.1	0.5
Manufacturing										
Gross job gains	9,235	24,296	19,675	18,905	16,088	1.6	4.5	3.6	3.5	3.0
At expanding establishments	8,472	22,532	18,432	18,024	15,003	1.5	4.2	3.4	3.3	2.8
At opening establishments	763	1,764	1,243	881	1,085	0.1	0.3	0.2	0.2	0.2
Gross job losses	53,246	19,587	14,830	14,109	17,430	9.7	3.7	2.8	2.7	3.2
At contracting establishments	50,597	18,023	13,990	12,696	16,671	9.2	3.4	2.6	2.4	3.1
At closing establishments	2,649	1,564	840	1,413	759	0.5	0.3	0.2	0.3	0.1
Net employment change ⁽²⁾	-44,011	4,709	4,845	4,796	-1,342	-8.1	0.8	0.8	0.8	-0.2
Wholesale trade										
Gross job gains	5,665	11,892	9,277	8,898	8,925	2.8	5.9	4.5	4.4	4.4
At expanding establishments	4,262	10,074	7,805	7,450	7,654	2.1	5.0	3.8	3.7	3.8
At opening establishments	1,403	1,818	1,472	1,448	1,271	0.7	0.9	0.7	0.7	0.6
Gross job losses	23,761	7,991	7,235	7,214	7,724	11.5	4.0	3.5	3.5	3.8
At contracting establishments	21,153	6,526	5,714	5,714	6,584	10.2	3.3	2.8	2.8	3.2
At closing establishments	2,608	1,465	1,521	1,500	1,140	1.3	0.7	0.7	0.7	0.6
Net employment change ⁽²⁾	-18,096	3,901	2,042	1,684	1,201	-8.7	1.9	1.0	0.9	0.6
Retail trade										
Gross job gains	28,371	66,882	32,532	37,905	33,572	4.9	11.9	5.7	6.4	5.6
At expanding establishments	25,600	57,383	29,216	33,555	30,408	4.4	10.2	5.1	5.7	5.1
At opening establishments	2,771	9,499	3,316	4,350	3,164	0.5	1.7	0.6	0.7	0.5
Gross job losses	111,559	28,502	31,709	27,058	35,252	19.3	5.0	5.5	4.7	5.9
At contracting establishments	97,616	25,623	27,557	23,821	32,230	16.9	4.5	4.8	4.1	5.4
At closing establishments	13,943	2,879	4,152	3,237	3,022	2.4	0.5	0.7	0.6	0.5
Net employment change ⁽²⁾	-83,188	38,380	823	10,847	-1,680	-14.4	6.9	0.2	1.7	-0.3
Transportation and warehousing										
Gross job gains	15,681	24,602	28,989	19,021	11,650	6.0	9.5	10.6	6.8	4.2
At expanding establishments	14,184	20,139	24,557	17,734	10,165	5.4	7.8	9.0	6.3	3.7
At opening establishments	1,497	4,463	4,432	1,287	1,485	0.6	1.7	1.6	0.5	0.5
Gross job losses	39,200	15,939	12,305	19,511	17,646	14.9	6.1	4.5	6.9	6.4
At contracting establishments	36,322	14,814	10,584	18,591	16,613	13.8	5.7	3.9	6.6	6.0
At closing establishments	2,878	1,125	1,721	920	1,033	1.1	0.4	0.6	0.3	0.4
Net employment change ⁽²⁾	-23,519	8,663	16,684	-490	-5,996	-8.9	3.4	6.1	-0.1	-2.2
Information										
Gross job gains	2,410	6,244	3,724	5,731	4,863	2.9	7.8	4.6	6.9	5.8
At expanding establishments	1,828	5,146	2,864	4,482	3,589	2.2	6.4	3.5	5.4	4.3
At opening establishments	582	1,098	860	1,249	1,274	0.7	1.4	1.1	1.5	1.5
Gross job losses	12,566	3,470	4,463	4,177	4,405	15.1	4.3	5.5	5.1	5.2

Note: See footnotes at end of table.

Table 1. Private sector gross job gains and losses by industry, Pennsylvania, 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	10,342	2,808	3,638	3,620	3,559	12.4	3.5	4.5	4.4	4.2
At closing establishments	2,224	662	825	557	846	2.7	0.8	1.0	0.7	1.0
Net employment change ⁽²⁾	-10,156	2,774	-739	1,554	458	-12.2	3.5	-0.9	1.8	0.6
Financial activities										
Gross job gains	8,896	13,997	11,287	12,480	11,646	2.7	4.3	3.5	3.8	3.6
At expanding establishments	7,010	11,302	9,069	9,799	9,334	2.1	3.5	2.8	3.0	2.9
At opening establishments	1,886	2,695	2,218	2,681	2,312	0.6	0.8	0.7	0.8	0.7
Gross job losses	21,675	11,109	11,839	10,226	12,964	6.6	3.5	3.6	3.2	4.0
At contracting establishments	18,777	9,227	9,808	8,068	11,050	5.7	2.9	3.0	2.5	3.4
At closing establishments	2,898	1,882	2,031	2,158	1,914	0.9	0.6	0.6	0.7	0.6
Net employment change ⁽²⁾	-12,779	2,888	-552	2,254	-1,318	-3.9	0.8	-0.1	0.6	-0.4
Professional and business services										
Gross job gains	34,838	59,771	64,237	47,949	51,842	4.5	8.0	8.4	6.1	6.6
At expanding establishments	26,264	48,816	54,573	39,313	41,626	3.4	6.5	7.1	5.0	5.3
At opening establishments	8,574	10,955	9,664	8,636	10,216	1.1	1.5	1.3	1.1	1.3
Gross job losses	111,777	44,970	40,271	43,136	48,924	14.4	6.0	5.3	5.5	6.2
At contracting establishments	99,270	36,954	31,967	35,629	41,767	12.8	4.9	4.2	4.5	5.3
At closing establishments	12,507	8,016	8,304	7,507	7,157	1.6	1.1	1.1	1.0	0.9
Net employment change ⁽²⁾	-76,939	14,801	23,966	4,813	2,918	-9.9	2.0	3.1	0.6	0.4
Education and health services										
Gross job gains	23,276	62,899	41,485	43,953	40,014	1.9	5.4	3.5	3.7	3.4
At expanding establishments	18,404	52,682	36,576	38,684	35,218	1.5	4.5	3.1	3.3	3.0
At opening establishments	4,872	10,217	4,909	5,269	4,796	0.4	0.9	0.4	0.4	0.4
Gross job losses	114,539	37,278	41,865	37,424	46,164	9.6	3.2	3.5	3.2	3.9
At contracting establishments	101,414	32,719	36,874	32,055	41,496	8.5	2.8	3.1	2.7	3.5
At closing establishments	13,125	4,559	4,991	5,369	4,668	1.1	0.4	0.4	0.5	0.4
Net employment change ⁽²⁾	-91,263	25,621	-380	6,529	-6,150	-7.7	2.2	0.0	0.5	-0.5
Leisure and hospitality										
Gross job gains	19,728	141,502	45,412	82,054	59,577	4.3	36.7	10.8	19.0	12.9
At expanding establishments	13,159	112,849	35,598	69,961	49,067	2.9	29.3	8.5	16.2	10.6
At opening establishments	6,569	28,653	9,814	12,093	10,510	1.4	7.4	2.3	2.8	2.3
Gross job losses	287,572	28,007	57,927	30,155	41,154	63.1	7.2	13.9	7.0	8.9
At contracting establishments	237,423	21,358	48,886	24,791	35,149	52.1	5.5	11.7	5.8	7.6
At closing establishments	50,149	6,649	9,041	5,364	6,005	11.0	1.7	2.2	1.2	1.3
Net employment change ⁽²⁾	-267,844	113,495	-12,515	51,899	18,423	-58.8	29.5	-3.1	12.0	4.0
Other services ⁽³⁾										
Gross job gains	6,872	43,508	13,015	14,363	13,463	4.1	27.9	7.7	8.3	7.7
At expanding establishments	4,754	22,300	9,665	10,672	10,861	2.8	14.3	5.7	6.2	6.2
At opening establishments	2,118	21,208	3,350	3,691	2,602	1.3	13.6	2.0	2.1	1.5
Gross job losses	70,020	10,543	12,764	10,110	9,746	41.5	6.8	7.5	5.9	5.5
At contracting establishments	42,693	7,907	10,191	7,931	8,009	25.3	5.1	6.0	4.6	4.5
At closing establishments	27,327	2,636	2,573	2,179	1,737	16.2	1.7	1.5	1.3	1.0
Net employment change ⁽²⁾	-63,148	32,965	251	4,253	3,717	-37.4	21.1	0.2	2.4	2.2

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)				
	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.