

2023

OKLAHOMA BUSINESS EMPLOYMENT DYNAMICS

3rd Quarter 2023



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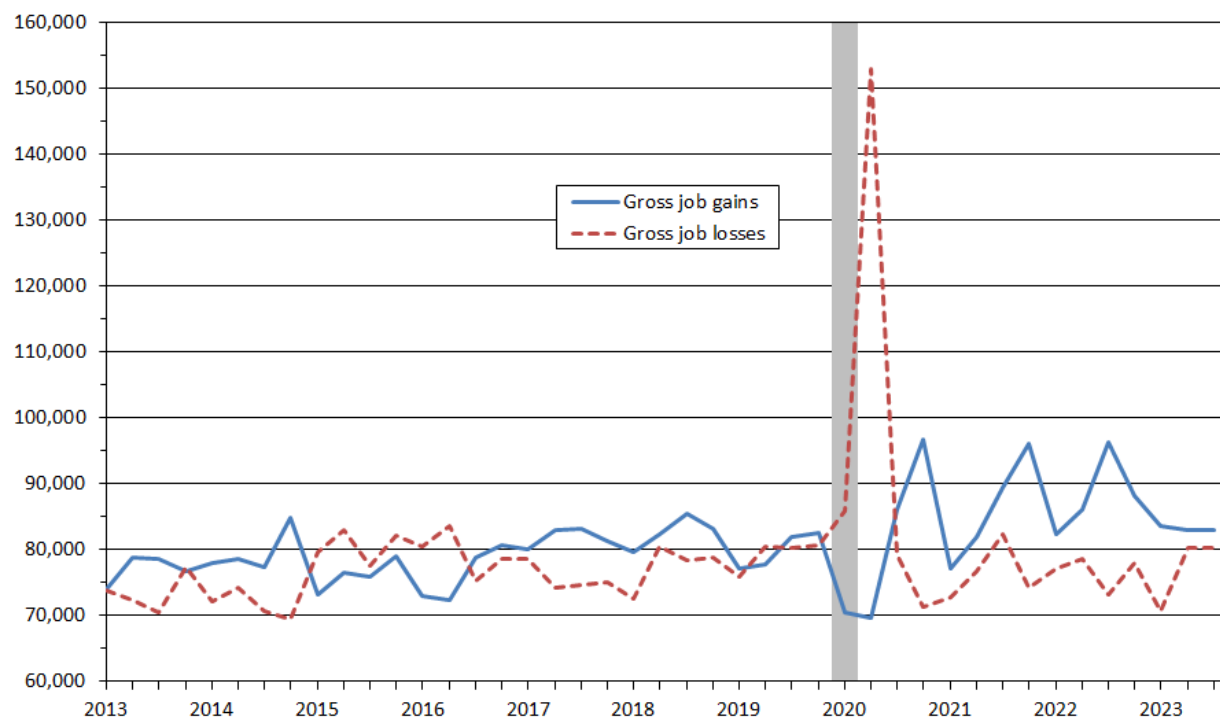
OKLAHOMA BUSINESS EMPLOYMENT DYNAMICS: 3rd Quarter 2023

Gross Job Gains and Gross Job Losses: 3rd Quarter 2023

From June 2023 to September 2023, gross job gains from opening and expanding private-sector establishments in Oklahoma totaled 83,010, an increase of 22 jobs from the previous quarter. Over this period, gross job losses from closing and contracting private-sector establishments were 80,312, an increase of 38 jobs from the previous quarter, according to the Oklahoma Employment Security Commission, Economic Research and Analysis Division, and the U.S. Bureau of Labor Statistics, (see Chart 1, below and Table 1, page 6). The difference between the number of gross job gains and the number of gross job losses yielded a net employment gain of 2,698 jobs in Oklahoma's private sector during the 3rd quarter of 2023.

Chart 1

Private sector gross job gains and gross job losses in Oklahoma
March 2013 - September 2023, seasonally adjusted



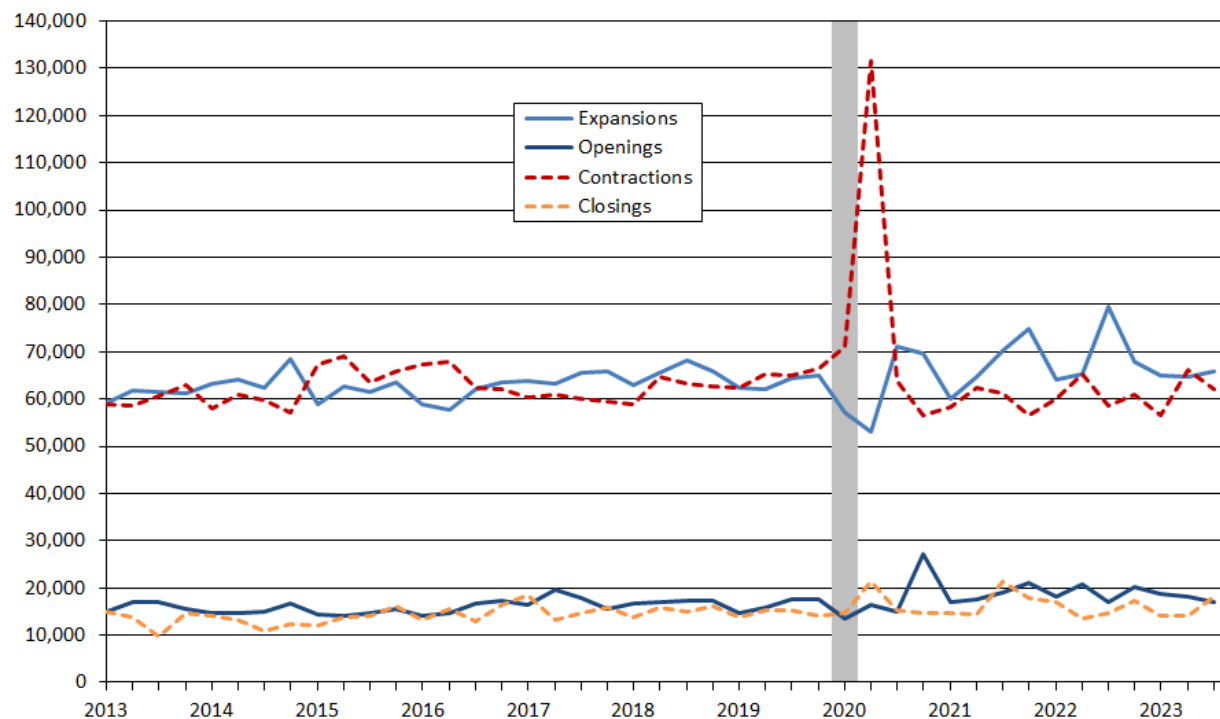
Source: U.S. Bureau of Labor Statistics

Note: Shaded area represents 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 businesses in the economy. Business Employment Dynamics (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 job gains and the number of gross job losses is the net change in employment, (see Technical Note, page 6, for more information).

Chart 2

**Components of private sector gross job gains and losses in Oklahoma
March 2013 - September 2023, seasonally adjusted**



Source: U.S. Bureau of Labor Statistics

Note: Shaded area represents NBER defined recession periods.

Gross Job Gains and Losses: Openings vs. Closings and Expansions vs. Contractions

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. Gross job gains at expanding establishments in Oklahoma totaled 65,992 in the 3rd quarter of 2023, an increase of 1,166 jobs compared to the previous quarter. Opening establishments accounted for 17,018 of the jobs gained in the 3rd quarter of 2023, a decrease of 1,144 jobs from the previous quarter, (see Chart 2, above).

Gross job losses are the result of contractions in employment at existing establishments and the loss of jobs at closing establishments. Contracting establishments in Oklahoma lost 62,171 jobs in the 3rd quarter of 2023, a decrease of 3,864 jobs from the prior quarter. In the 3rd quarter, closing establishments lost 18,141 jobs, an increase of 3,902 jobs from the previous quarter.

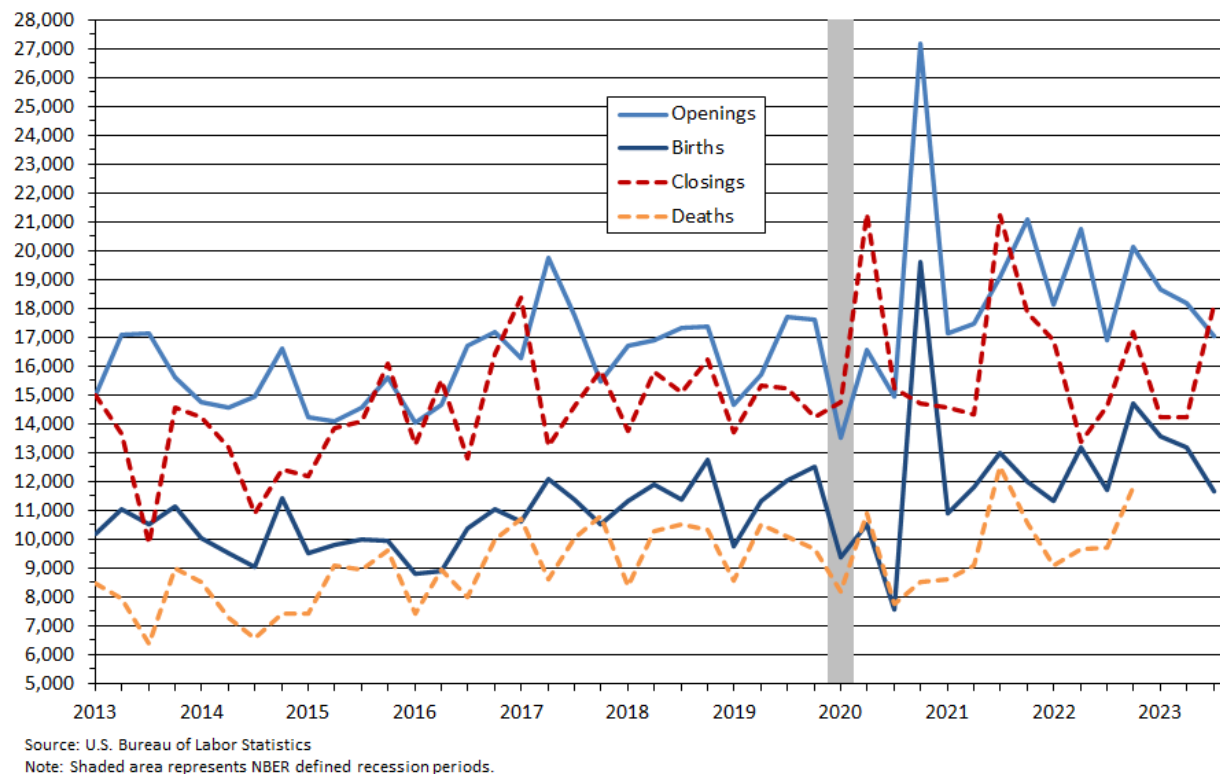
Establishment Births and Deaths

In Oklahoma, the number of private sector establishment births, (a subset of the openings data), decreased by 124, for a total of 3,465 establishments in the 3rd quarter of 2023. These new establishments accounted for 11,650 jobs, a decrease of 1,518 jobs from the previous quarter, (see Chart 3, next page).

Data for establishment deaths, (a subset of the closings data), are now available through the 4th quarter of 2022, when 11,808 jobs were lost at 3,139 establishments, an increase of 2,084 jobs from the 3rd quarter of 2022, (see Chart 3, below).

Chart 3

Employment from private sector openings, closings, births and deaths in Oklahoma
March 2013 - September 2023, seasonally adjusted



Gross Job Gains and Gross Job Losses: Percent of Total Private Sector Employment

In the 3rd quarter of 2023, gross job gains represented 6.2 percent of private-sector employment in Oklahoma with expansions accounting for 4.9 percent of total private sector employment and openings contributing 1.3 percent. Nationally, gross job gains accounted for 5.8 percent of private sector employment in the 3rd quarter of 2023. With few exceptions, Oklahoma's rates of gross job gains have generally tracked with the U.S. rates. However, beginning in the 1st quarter of 2015, the rate of Oklahoma's gross job gains slipped below the national rate for seven consecutive quarters, exceeded the U.S. rate in the following nine quarters and has lagged behind the U.S. rate in nine out of the past 19 quarters, (see Chart 4, page 4).

In the 3rd quarter of 2023, gross job losses represented 6.0 percent of private-sector employment in Oklahoma, with contractions accounting for 4.6 percent and closings adding another 1.4 percent. The national rate of gross job losses was 5.9 percent in the 3rd quarter of 2023. From the 3rd quarter 2013 forward, Oklahoma's rate of gross job losses has shown more volatility especially the period beginning 1st quarter 2015 through 1st quarter 2017, then tracking more with national trends from the 4th quarter of 2017 forward, (see Chart 5, page 4).

Chart 4

Private sector gross job gains as a percent of employment, United States and Oklahoma
March 2013 - September 2023, seasonally adjusted

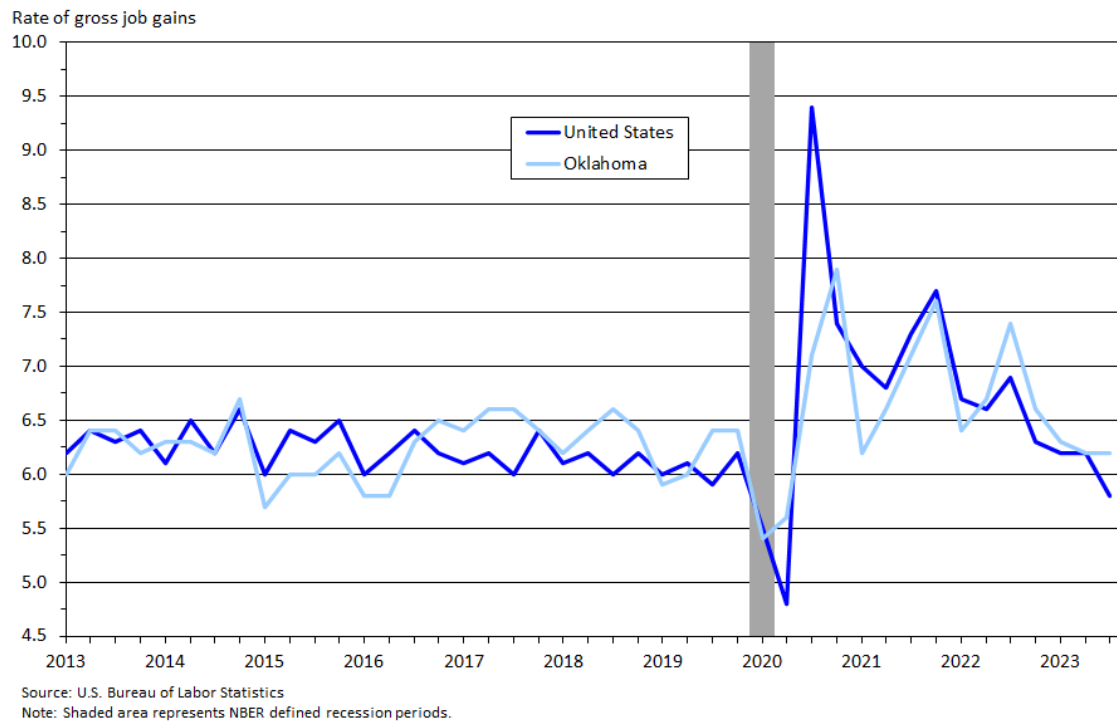
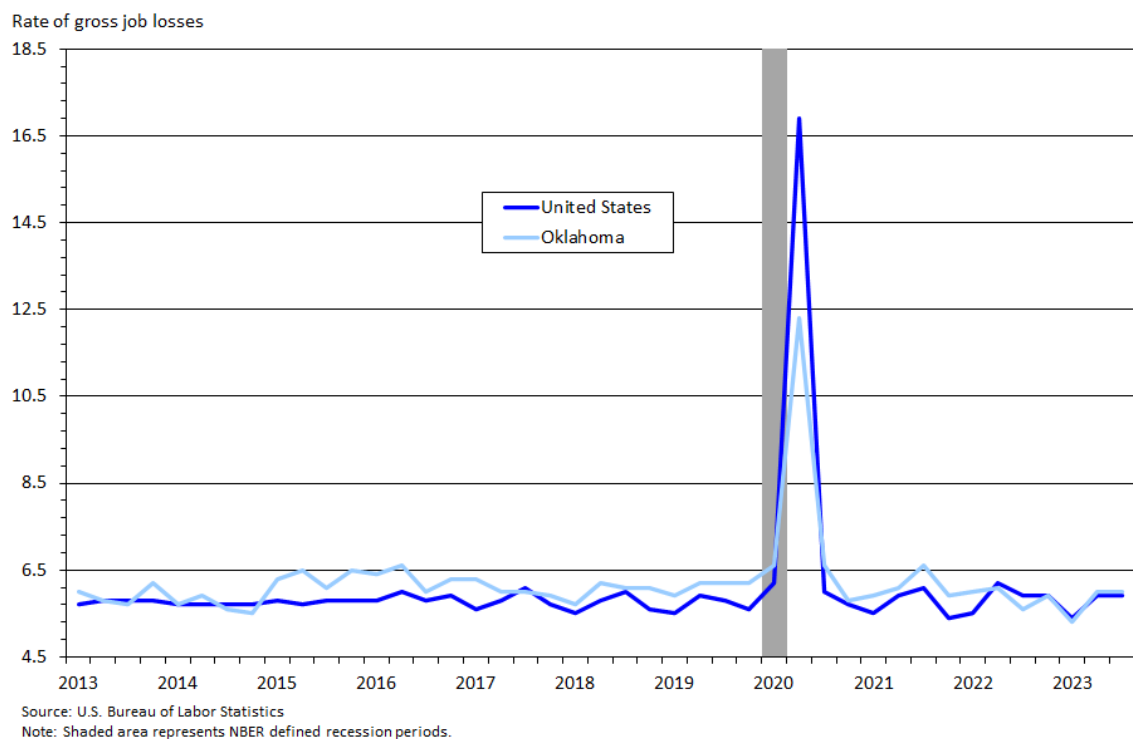


Chart 5

Private sector gross job losses as a percent of employment, United States and Oklahoma
March 2013 - September 2023, seasonally adjusted



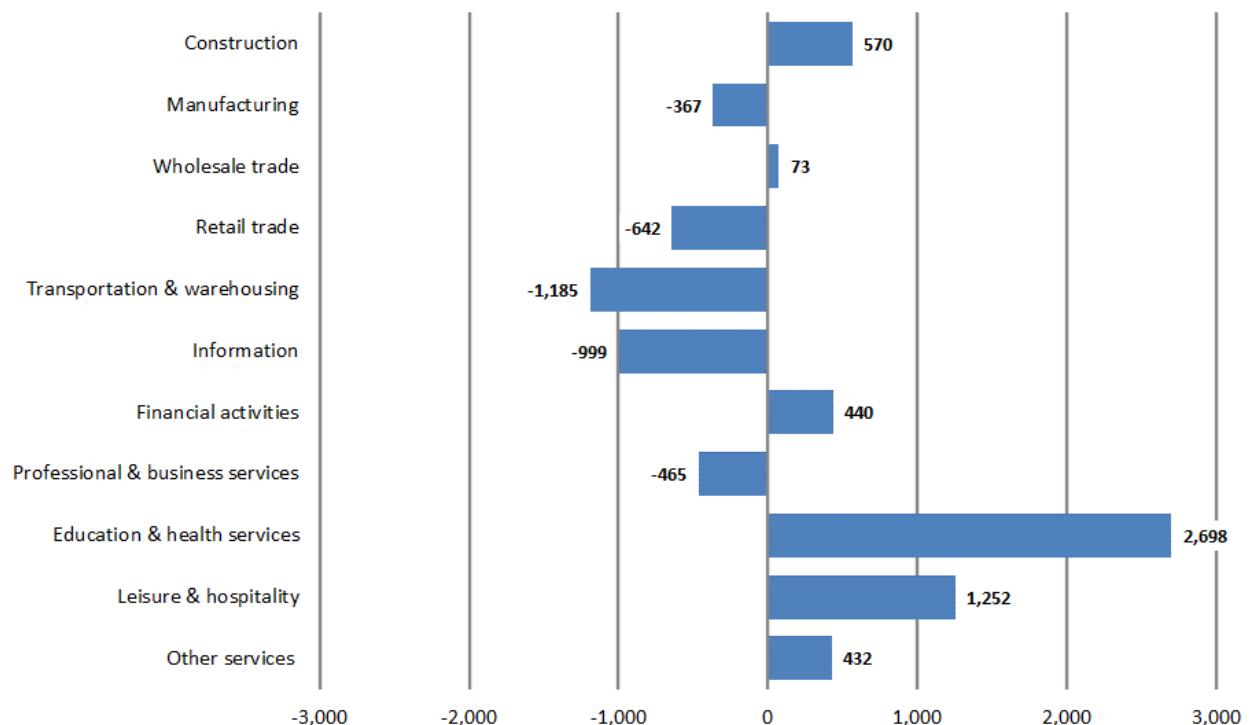
Gross Job Gains and Gross Job Losses by Industry: 3rd Quarter 2023

Gross job gains exceeded gross job losses in five of Oklahoma's 11 reported industry sectors in the 3rd quarter of 2023. Oklahoma's service-providing industries experienced a net job increase of 1,604 jobs in the 3rd quarter. This was the result of 67,716 gross job gains and 66,112 gross job losses. Within service-providing industries, the education & health services sector had the largest over-the-quarter net job increase, gaining 2,698 jobs, followed by the leisure & hospitality sector with a net increase of 1,252 jobs in the 3rd quarter of 2023.

Goods-producing industries reported a net job increase of 203 jobs in the 3rd quarter of 2023. Within goods-producing industries, the construction sector reported a net job gain of 570 jobs, while the manufacturing sector had a net job loss of 367 jobs in the 3rd quarter of 2023, (see Chart 6 below and Table 5, pp. 12-15).

Chart 6

Private sector net change in jobs by industry, Oklahoma
September 2023, seasonally adjusted



Source: U.S. Department of Labor, Bureau of Labor Statistics

| Table 1. Oklahoma: Three-month private sector gross job gains and losses, seasonally adjusted | | | | | |
|--|-----------------|---------------|---------------|---------------|---------------|
| Category | 3 months ended | | | | |
| | Sep 2022 | Dec 2022 | March 2023 | June 2023 | Sep 2023 |
| | Levels | | | | |
| Gross job gains..... | 96,273 | 88,157 | 83,640 | 82,988 | 83,010 |
| Expanding establishments | 79,396 | 68,014 | 64,998 | 64,826 | 65,992 |
| Opening establishments | 16,877 | 20,143 | 18,642 | 18,162 | 17,018 |
| Gross job losses..... | 73,231 | 78,069 | 70,808 | 80,274 | 80,312 |
| Contracting establishments | 58,632 | 60,906 | 56,589 | 66,035 | 62,171 |
| Closing establishments | 14,599 | 17,163 | 14,219 | 14,239 | 18,141 |
| Net employment change ¹ | 23,042 | 10,088 | 12,832 | 2,714 | 2,698 |
| | Rates (percent) | | | | |
| Gross job gains..... | 7.4 | 6.6 | 6.3 | 6.2 | 6.2 |
| Expanding establishments | 6.1 | 5.1 | 4.9 | 4.8 | 4.9 |
| Opening establishments | 1.3 | 1.5 | 1.4 | 1.4 | 1.3 |
| Gross job losses..... | 5.6 | 5.9 | 5.3 | 6.0 | 6.0 |
| Contracting establishments | 4.5 | 4.6 | 4.2 | 4.9 | 4.6 |
| Closing establishments | 1.1 | 1.3 | 1.1 | 1.1 | 1.4 |
| Net employment change ¹ | 1.8 | 0.7 | 1.0 | 0.2 | 0.2 |
| Source: U.S Bureau of Labor Statistics | | | | | |
| ¹ Net employment change is the difference between total gross job gains and total gross job losses. | | | | | |

Additional Statistics and Other Information

Additional information on gross job gains and gross job losses are available online at <http://www.bls.gov/bdm>. This information includes national data on the levels and rates of gross job gains and gross job losses by firm size, the not seasonally adjusted data and other seasonally adjusted time series not presented in this release, charts of gross job gains and gross job losses by industry and firm size, and frequently asked questions on firm-size data. Additional information about the Business Employment Dynamics data can be found in the Technical Note of this release or may be obtained by emailing BDMinfo@bls.gov.

Technical Note

Concepts and Methodology

The Business Employment Dynamics (BED) data are a product of a federal-state cooperative program known as Quarterly Census of Employment and Wages (QCEW), or the ES-202 program. The BED data are compiled from existing quarterly QCEW records. The QCEW reports are sent by the State Employment Security Agencies (SESAs) to BLS and form the basis of the Bureau's QCEW program and establishment universe sampling frame. These reports are also used to produce the QCEW data on total employment and wages. Other important Bureau uses of the QCEW reports are in the Current Employment Statistics

(CES) program. The CES program produces monthly estimates of employment, net changes, and earnings by detailed industry.

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 establishments and jobs lost at closing and contracting establishments.

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 establishments 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 establishments 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 establishments with positive third month employment in the previous quarter, with no employment or zero employment reported in the current quarter.

Contractions: These are establishments with positive employment in the third month in both the previous and current quarters, with a net decrease in employment over this period.

Table 1. Oklahoma: Private sector gross job gains and job losses, seasonally adjusted

| | | | Gross job gains | | | Gross job losses | | |
|------|----------------|-------------------------|-----------------|--------------------------|------------------------|------------------|----------------------------|------------------------|
| Year | 3 months ended | Net change ¹ | Total | Expanding establishments | Opening establishments | Total | Contracting establishments | Closing establishments |
| 2013 | March | 207 | 74,070 | 59,077 | 14,993 | 73,863 | 58,895 | 14,968 |
| | June | 6,364 | 78,751 | 61,649 | 17,102 | 72,387 | 58,716 | 13,671 |
| | September | 8,210 | 78,714 | 61,570 | 17,144 | 70,504 | 60,638 | 9,866 |
| | December | -726 | 76,708 | 61,106 | 15,602 | 77,434 | 62,876 | 14,558 |
| 2014 | March | 5,914 | 78,078 | 63,312 | 14,766 | 72,164 | 57,960 | 14,204 |
| | June | 4,426 | 78,581 | 64,018 | 14,563 | 74,155 | 60,997 | 13,158 |
| | September | 6,688 | 77,401 | 62,466 | 14,935 | 70,713 | 59,797 | 10,916 |
| | December | 15,419 | 84,970 | 68,341 | 16,629 | 69,551 | 57,138 | 12,413 |
| 2015 | March | -6,323 | 73,242 | 58,991 | 14,251 | 79,565 | 67,373 | 12,192 |
| | June | -6,412 | 76,605 | 62,518 | 14,087 | 83,017 | 69,151 | 13,866 |
| | September | -1,684 | 75,998 | 61,438 | 14,560 | 77,682 | 63,621 | 14,061 |
| | December | -3,078 | 79,006 | 63,401 | 15,605 | 82,084 | 65,983 | 16,101 |
| 2016 | March | -7,561 | 73,005 | 58,982 | 14,023 | 80,566 | 67,285 | 13,281 |
| | June | -11,226 | 72,329 | 57,687 | 14,642 | 83,555 | 68,024 | 15,531 |
| | September | 3,564 | 78,789 | 62,091 | 16,698 | 75,225 | 62,404 | 12,821 |
| | December | 2,138 | 80,769 | 63,586 | 17,183 | 78,631 | 62,210 | 16,421 |
| 2017 | March | 1,432 | 80,160 | 63,880 | 16,280 | 78,728 | 60,339 | 18,389 |
| | June | 8,737 | 82,959 | 63,198 | 19,761 | 74,222 | 60,973 | 13,249 |
| | September | 8,423 | 83,197 | 65,459 | 17,738 | 74,774 | 60,167 | 14,607 |
| | December | 6,175 | 81,361 | 65,881 | 15,480 | 75,186 | 59,357 | 15,829 |
| 2018 | March | 7,056 | 79,658 | 62,937 | 16,721 | 72,602 | 58,842 | 13,760 |
| | June | 1,964 | 82,400 | 65,520 | 16,880 | 80,436 | 64,661 | 15,775 |
| | September | 7,071 | 85,484 | 68,167 | 17,317 | 78,413 | 63,349 | 15,064 |
| | December | 4,246 | 83,123 | 65,752 | 17,371 | 78,877 | 62,649 | 16,228 |
| 2019 | March | 1,125 | 77,068 | 62,399 | 14,669 | 75,943 | 62,223 | 13,720 |
| | June | -2,595 | 77,869 | 62,167 | 15,702 | 80,464 | 65,159 | 15,305 |
| | September | 1,745 | 82,019 | 64,316 | 17,703 | 80,274 | 65,056 | 15,218 |
| | December | 1,886 | 82,612 | 65,012 | 17,600 | 80,726 | 66,502 | 14,224 |
| 2020 | March | -15,415 | 70,576 | 57,069 | 13,507 | 85,991 | 71,226 | 14,765 |
| | June | -83,141 | 69,729 | 53,181 | 16,548 | 152,870 | 131,593 | 21,277 |
| | September | 6,992 | 86,161 | 71,207 | 14,954 | 79,169 | 63,933 | 15,236 |
| | December | 25,556 | 96,819 | 69,628 | 27,191 | 71,263 | 56,581 | 14,682 |
| 2021 | March | 4,437 | 77,258 | 60,147 | 17,111 | 72,821 | 58,270 | 14,551 |
| | June | 5,275 | 82,055 | 64,596 | 17,459 | 76,780 | 62,467 | 14,313 |
| | September | 7,035 | 89,384 | 70,293 | 19,091 | 82,349 | 61,107 | 21,242 |
| | December | 21,697 | 96,023 | 74,947 | 21,076 | 74,326 | 56,475 | 17,851 |
| 2022 | March | 5,197 | 82,274 | 64,145 | 18,129 | 77,077 | 60,167 | 16,910 |
| | June | 7,343 | 86,041 | 65,306 | 20,735 | 78,698 | 65,316 | 13,382 |
| | September | 23,042 | 96,273 | 79,396 | 16,877 | 73,231 | 58,632 | 14,599 |
| | December | 10,088 | 88,157 | 68,014 | 20,143 | 78,069 | 60,906 | 17,163 |
| 2023 | March | 12,832 | 83,640 | 64,998 | 18,642 | 70,808 | 56,589 | 14,219 |
| | June | 2,714 | 82,988 | 64,826 | 18,162 | 80,274 | 66,035 | 14,239 |
| | September | 2,698 | 83,010 | 65,992 | 17,018 | 80,312 | 62,171 | 18,141 |

¹Net change is the difference between total gross job gains and total gross job losses.

| Table 2. Oklahoma: Private sector gross job gains and losses, as a percent of employment, ¹ seasonally adjusted | | | | | | | | |
|--|----------------|-------------------------|-----------------|--------------------------|------------------------|------------------|----------------------------|------------------------|
| Year | 3 months ended | Net change ² | Gross job gains | | | Gross job losses | | |
| | | | Total | Expanding establishments | Opening establishments | Total | Contracting establishments | Closing establishments |
| 2013 | March | 0.0 | 6.0 | 4.8 | 1.2 | 6.0 | 4.8 | 1.2 |
| | June | 0.6 | 6.4 | 5.0 | 1.4 | 5.8 | 4.7 | 1.1 |
| | September | 0.7 | 6.4 | 5.0 | 1.4 | 5.7 | 4.9 | 0.8 |
| | December | 0.0 | 6.2 | 4.9 | 1.3 | 6.2 | 5.0 | 1.2 |
| 2014 | March | 0.6 | 6.3 | 5.1 | 1.2 | 5.7 | 4.6 | 1.1 |
| | June | 0.4 | 6.3 | 5.1 | 1.2 | 5.9 | 4.9 | 1.0 |
| | September | 0.6 | 6.2 | 5.0 | 1.2 | 5.6 | 4.7 | 0.9 |
| | December | 1.2 | 6.7 | 5.4 | 1.3 | 5.5 | 4.5 | 1.0 |
| 2015 | March | -0.6 | 5.7 | 4.6 | 1.1 | 6.3 | 5.3 | 1.0 |
| | June | -0.5 | 6.0 | 4.9 | 1.1 | 6.5 | 5.4 | 1.1 |
| | September | -0.1 | 6.0 | 4.9 | 1.1 | 6.1 | 5.0 | 1.1 |
| | December | -0.3 | 6.2 | 5.0 | 1.2 | 6.5 | 5.2 | 1.3 |
| 2016 | March | -0.6 | 5.8 | 4.7 | 1.1 | 6.4 | 5.3 | 1.1 |
| | June | -0.8 | 5.8 | 4.6 | 1.2 | 6.6 | 5.4 | 1.2 |
| | September | 0.3 | 6.3 | 5.0 | 1.3 | 6.0 | 5.0 | 1.0 |
| | December | 0.2 | 6.5 | 5.1 | 1.4 | 6.3 | 5.0 | 1.3 |
| 2017 | March | 0.1 | 6.4 | 5.1 | 1.3 | 6.3 | 4.8 | 1.5 |
| | June | 0.6 | 6.6 | 5.0 | 1.6 | 6.0 | 4.9 | 1.1 |
| | September | 0.6 | 6.6 | 5.2 | 1.4 | 6.0 | 4.8 | 1.2 |
| | December | 0.5 | 6.4 | 5.2 | 1.2 | 5.9 | 4.7 | 1.2 |
| 2018 | March | 0.5 | 6.2 | 4.9 | 1.3 | 5.7 | 4.6 | 1.1 |
| | June | 0.2 | 6.4 | 5.1 | 1.3 | 6.2 | 5.0 | 1.2 |
| | September | 0.5 | 6.6 | 5.3 | 1.3 | 6.1 | 4.9 | 1.2 |
| | December | 0.3 | 6.4 | 5.1 | 1.3 | 6.1 | 4.8 | 1.3 |
| 2019 | March | 0.0 | 5.9 | 4.8 | 1.1 | 5.9 | 4.8 | 1.1 |
| | June | -0.2 | 6.0 | 4.8 | 1.2 | 6.2 | 5 | 1.2 |
| | September | 0.2 | 6.4 | 5.0 | 1.4 | 6.2 | 5.0 | 1.2 |
| | December | 0.2 | 6.4 | 5.0 | 1.4 | 6.2 | 5.1 | 1.1 |
| 2020 | March | -1.2 | 5.4 | 4.4 | 1.0 | 6.6 | 5.5 | 1.1 |
| | June | -6.7 | 5.6 | 4.3 | 1.3 | 12.3 | 10.6 | 1.7 |
| | September | 0.5 | 7.1 | 5.9 | 1.2 | 6.6 | 5.3 | 1.3 |
| | December | 2.1 | 7.9 | 5.7 | 2.2 | 5.8 | 4.6 | 1.2 |
| 2021 | March | 0.3 | 6.2 | 4.8 | 1.4 | 5.9 | 4.7 | 1.2 |
| | June | 0.5 | 6.6 | 5.2 | 1.4 | 6.1 | 5.0 | 1.1 |
| | September | 0.5 | 7.1 | 5.6 | 1.5 | 6.6 | 4.9 | 1.7 |
| | December | 1.7 | 7.6 | 5.9 | 1.7 | 5.9 | 4.5 | 1.4 |
| 2022 | March | 0.4 | 6.4 | 5.0 | 1.4 | 6.0 | 4.7 | 1.3 |
| | June | 0.6 | 6.7 | 5.1 | 1.6 | 6.1 | 5.1 | 1.0 |
| | September | 1.8 | 7.4 | 6.1 | 1.3 | 5.6 | 4.5 | 1.1 |
| | December | 0.7 | 6.6 | 5.1 | 1.5 | 5.9 | 4.6 | 1.3 |
| 2023 | March | 1.0 | 6.3 | 4.9 | 1.4 | 5.3 | 4.2 | 1.1 |
| | June | 0.2 | 6.2 | 4.8 | 1.4 | 6.0 | 4.9 | 1.1 |
| | September | 0.2 | 6.2 | 4.9 | 1.3 | 6.0 | 4.6 | 1.4 |

¹The rates measure gross job gains and job losses as a percentage of the average of the previous and current employment levels.

²Net change is the difference between total gross job gains and total gross job losses.

| Table 3. Oklahoma: Private sector establishment births and deaths, seasonally adjusted | | | | | |
|--|----------------|---------------------|------------|---------------------|------------|
| Year | 3 months ended | Births ¹ | | Deaths ² | |
| | | Establishments | Employment | Establishments | Employment |
| 2013 | March | 2,463 | 10,200 | 2,396 | 8,486 |
| | June | 2,315 | 11,058 | 2,079 | 7,952 |
| | September | 2,545 | 10,534 | 1,684 | 6,388 |
| | December | 2,329 | 11,139 | 2,158 | 9,012 |
| 2014 | March | 2,356 | 10,025 | 2,484 | 8,500 |
| | June | 2,449 | 9,512 | 1,965 | 7,301 |
| | September | 2,338 | 9,051 | 1,685 | 6,583 |
| | December | 2,496 | 11,401 | 2,072 | 7,420 |
| 2015 | March | 2,392 | 9,500 | 2,341 | 7,402 |
| | June | 2,345 | 9,784 | 2,537 | 9,080 |
| | September | 2,354 | 9,997 | 2,412 | 8,956 |
| | December | 2,344 | 9,928 | 2,446 | 9,616 |
| 2016 | March | 2,271 | 8,764 | 2,308 | 7,347 |
| | June | 2,298 | 8,892 | 2,367 | 9,028 |
| | September | 2,343 | 10,368 | 2,325 | 8,034 |
| | December | 2,396 | 11,119 | 2,371 | 9,995 |
| 2017 | March | 2,574 | 10,608 | 2,915 | 10,694 |
| | June | 2,543 | 12,087 | 1,951 | 8,626 |
| | September | 2,520 | 11,386 | 2,121 | 10,025 |
| | December | 2,376 | 10,531 | 2,735 | 10,790 |
| 2018 | March | 2,316 | 11,308 | 2,236 | 8,361 |
| | June | 2,535 | 11,882 | 2,722 | 10,253 |
| | September | 2,465 | 11,366 | 2,491 | 10,511 |
| | December | 2,685 | 12,767 | 2,481 | 10,345 |
| 2019 | March | 2,361 | 9,741 | 2,412 | 8,566 |
| | June | 2,667 | 11,305 | 2,583 | 10,504 |
| | September | 2,795 | 12,046 | 2,418 | 10,089 |
| | December | 2,569 | 12,528 | 2,556 | 9,654 |
| 2020 | March | 2,143 | 9,363 | 2,243 | 8,181 |
| | June | 2,426 | 10,499 | 3,120 | 10,888 |
| | September | 1,966 | 7,562 | 2,316 | 7,733 |
| | December | 3,207 | 19,630 | 2,245 | 8,522 |
| 2021 | March | 2,873 | 10,884 | 2,490 | 8,603 |
| | June | 3,321 | 11,789 | 2,522 | 9,078 |
| | September | 3,522 | 12,979 | 3,374 | 12,522 |
| | December | 3,425 | 11,976 | 2,780 | 10,556 |
| 2022 | March | 3,514 | 11,327 | 2,609 | 9,104 |
| | June | 3,981 | 13,186 | 2,598 | 9,648 |
| | September | 3,550 | 11,703 | N/A | N/A |
| | December | 4,300 | 14,695 | N/A | N/A |
| 2023 | March | 3,635 | 13,578 | 2,709 | 8,642 |
| | June | 3,589 | 13,168 | N/A | N/A |
| | September | 3,465 | 11,650 | N/A | N/A |

¹ Values for births are not available for the first three quarters of the time series by definition.

² Values for deaths are not available for the most recent three quarters by definition.

Table 4. Oklahoma: Rates¹ of private sector establishment births and deaths, seasonally adjusted

| | | Births ² | | Deaths ³ | |
|------|----------------|---------------------|------------|---------------------|------------|
| Year | 3 months ended | Establishments | Employment | Establishments | Employment |
| 2013 | March | 2.9 | 0.8 | 2.8 | 0.7 |
| | June | 2.7 | 0.9 | 2.4 | 0.6 |
| | September | 3.0 | 0.8 | 2.0 | 0.5 |
| | December | 2.7 | 0.9 | 2.5 | 0.7 |
| 2014 | March | 2.7 | 0.8 | 2.9 | 0.7 |
| | June | 2.8 | 0.8 | 2.3 | 0.6 |
| | September | 2.7 | 0.7 | 1.9 | 0.5 |
| | December | 2.8 | 0.9 | 2.3 | 0.6 |
| 2015 | March | 2.7 | 0.7 | 2.6 | 0.6 |
| | June | 2.6 | 0.8 | 2.9 | 0.7 |
| | September | 2.7 | 0.8 | 2.7 | 0.7 |
| | December | 2.6 | 0.8 | 2.8 | 0.8 |
| 2016 | March | 2.6 | 0.7 | 2.6 | 0.6 |
| | June | 2.6 | 0.7 | 2.7 | 0.7 |
| | September | 2.6 | 0.8 | 2.6 | 0.6 |
| | December | 2.7 | 0.9 | 2.7 | 0.8 |
| 2017 | March | 2.9 | 0.8 | 3.3 | 0.9 |
| | June | 2.9 | 1.0 | 2.2 | 0.7 |
| | September | 2.8 | 0.9 | 2.4 | 0.8 |
| | December | 2.6 | 0.8 | 3.0 | 0.8 |
| 2018 | March | 2.6 | 0.9 | 2.5 | 0.7 |
| | June | 2.8 | 0.9 | 3.0 | 0.8 |
| | September | 2.7 | 0.9 | 2.8 | 0.8 |
| | December | 3.0 | 1.0 | 2.8 | 0.8 |
| 2019 | March | 2.6 | 0.8 | 2.7 | 0.7 |
| | June | 3.0 | 0.9 | 2.9 | 0.8 |
| | September | 3.1 | 0.9 | 2.7 | 0.8 |
| | December | 2.8 | 1.0 | 2.8 | 0.7 |
| 2020 | March | 2.4 | 0.7 | 2.5 | 0.6 |
| | June | 2.7 | 0.8 | 3.5 | 0.9 |
| | September | 2.2 | 0.6 | 2.6 | 0.6 |
| | December | 3.6 | 1.6 | 2.5 | 0.7 |
| 2021 | March | 3.2 | 0.9 | 2.7 | 0.7 |
| | June | 3.6 | 0.9 | 2.8 | 0.7 |
| | September | 3.8 | 1.0 | 3.7 | 1.0 |
| | December | 3.7 | 0.9 | 3.0 | 0.8 |
| 2022 | March | 3.8 | 0.9 | 2.8 | 0.7 |
| | June | 4.2 | 1.0 | 2.8 | 0.7 |
| | September | 3.7 | 0.9 | 2.6 | 0.7 |
| | December | 4.4 | 1.1 | 3.2 | 0.9 |
| 2023 | March | 3.7 | 1.0 | N/A | N/A |
| | June | 3.6 | 1.0 | N/A | N/A |
| | September | 3.5 | 0.9 | N/A | N/A |

¹The rates measure births and deaths as a percentage of the average of the previous and current quarter employment levels or total number of establishments.

³Values for deaths are not available for the most recent three quarters by definition.

Table 5. Private sector gross job gains and losses by industry, Oklahoma, 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) | | | | |
|--|---|-----------|-----------|-----------|-----------|--|-----------|-----------|-----------|-----------|
| | Sep. 2022 | Dec. 2022 | Mar. 2022 | Jun. 2023 | Sep. 2023 | Sep. 2022 | Dec. 2022 | Mar. 2022 | Jun. 2023 | Sep. 2023 |
| | | | | | | | | | | |
| Total private ¹ | | | | | | | | | | |
| Gross job gains | 96,273 | 88,157 | 83,640 | 82,988 | 83,010 | 7.4 | 6.6 | 6.3 | 6.2 | 6.2 |
| At expanding establishments ... | 79,396 | 68,014 | 64,998 | 64,826 | 65,992 | 6.1 | 5.1 | 4.9 | 4.8 | 4.9 |
| At opening establishments ... | 16,877 | 20,143 | 18,642 | 18,162 | 17,018 | 1.3 | 1.5 | 1.4 | 1.4 | 1.3 |
| Gross job losses | 73,231 | 78,069 | 70,808 | 80,274 | 80,312 | 5.6 | 5.9 | 5.3 | 6.0 | 6.0 |
| At contracting establishments ... | 58,632 | 60,906 | 56,589 | 66,035 | 62,171 | 4.5 | 4.6 | 4.2 | 4.9 | 4.6 |
| At closing establishments ... | 14,599 | 17,163 | 14,219 | 14,239 | 18,141 | 1.1 | 1.3 | 1.1 | 1.1 | 1.4 |
| Net employment change ² | 23,042 | 10,088 | 12,832 | 2,714 | 2,698 | 1.8 | 0.7 | 1.0 | 0.2 | 0.2 |
| Construction | | | | | | | | | | |
| Gross job gains | 7,028 | 6,796 | 7,050 | 6,954 | 7,121 | 8.9 | 8.4 | 8.7 | 8.4 | 8.7 |
| At expanding establishments ... | 5,550 | 5,091 | 5,603 | 5,292 | 5,506 | 7.0 | 6.3 | 6.9 | 6.4 | 6.7 |
| At opening establishments ... | 1,478 | 1,705 | 1,447 | 1,662 | 1,615 | 1.9 | 2.1 | 1.8 | 2.0 | 2.0 |
| Gross job losses | 6,409 | 6,480 | 5,641 | 6,329 | 6,551 | 8.0 | 8.1 | 7.0 | 7.7 | 7.9 |
| At contracting establishments ... | 5,114 | 4,951 | 4,050 | 5,047 | 4,803 | 6.4 | 6.2 | 5.0 | 6.1 | 5.8 |
| At closing establishments ... | 1,295 | 1,529 | 1,591 | 1,282 | 1,748 | 1.6 | 1.9 | 2.0 | 1.6 | 2.1 |
| Net employment change ² | 903 | -829 | 131 | 625 | 570 | 1.2 | -1.0 | 0.1 | 0.7 | 0.8 |
| Manufacturing | | | | | | | | | | |
| Gross job gains | 5,575 | 5,758 | 4,346 | 5,976 | 4,302 | 4.2 | 4.3 | 3.2 | 4.3 | 3.1 |
| At expanding establishments ... | 4,918 | 5,082 | 3,907 | 4,845 | 3,889 | 3.7 | 3.8 | 2.9 | 3.5 | 2.8 |
| At opening establishments ... | 657 | 676 | 439 | 1,131 | 413 | 0.5 | 0.5 | 0.3 | 0.8 | 0.3 |
| Gross job losses | 3,974 | 4,333 | 3,787 | 3,986 | 4,669 | 3.0 | 3.3 | 2.8 | 2.8 | 3.3 |
| At contracting establishments ... | 3,476 | 3,583 | 3,114 | 3,503 | 3,791 | 2.6 | 2.7 | 2.3 | 2.5 | 2.7 |
| At closing establishments ... | 498 | 750 | 673 | 483 | 878 | 0.4 | 0.6 | 0.5 | 0.3 | 0.6 |
| Net employment change ² | 1,015 | 1,173 | 1,546 | 1,990 | -367 | 0.8 | 1.0 | 1.2 | 1.5 | -0.2 |
| Wholesale trade | | | | | | | | | | |
| Gross job gains | 3,493 | 3,493 | 3,407 | 3,339 | 3,025 | 6.1 | 6.0 | 5.8 | 5.6 | 5.1 |
| At expanding establishments ... | 2,985 | 2,522 | 2,533 | 2,382 | 2,416 | 5.2 | 4.3 | 4.3 | 4.0 | 4.1 |
| At opening establishments ... | 508 | 971 | 874 | 957 | 609 | 0.9 | 1.7 | 1.5 | 1.6 | 1.0 |
| Gross job losses | 2,602 | 2,794 | 2,687 | 2,536 | 2,952 | 4.5 | 4.9 | 4.6 | 4.2 | 5.0 |
| At contracting establishments ... | 2,089 | 1,949 | 2,012 | 2,034 | 2,202 | 3.6 | 3.4 | 3.4 | 3.4 | 3.7 |
| At closing establishments ... | 513 | 845 | 675 | 502 | 750 | 0.9 | 1.5 | 1.2 | 0.8 | 1.3 |
| Net employment change ² | 724 | 505 | 810 | 803 | 73 | 1.3 | 0.8 | 1.4 | 1.4 | 0.1 |

Note: See footnotes at end of table

Table 5. Private sector gross job gains and losses by industry, Oklahoma, seasonally adjusted (cont.)

| Category | Gross job gains and job losses (3 months ended) | | | | | Gross job gains and job losses as a percent of employment (3 months ended) | | | | |
|--|---|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|
| | Sep. 2022 | Dec. 2022 | Mar. 2022 | Jun. 2023 | Sep. 2023 | Sep. 2022 | Dec. 2022 | Mar. 2022 | Jun. 2023 | Sep. 2023 |
| Retail trade | | | | | | | | | | |
| Gross job gains | 12,195 | 10,299 | 10,892 | 10,664 | 10,318 | 6.6 | 5.6 | 5.9 | 5.7 | 5.5 |
| At expanding establishments ... | 10,244 | 8,350 | 8,685 | 8,973 | 8,775 | 5.5 | 4.5 | 4.7 | 4.8 | 4.7 |
| At opening establishments ... | 1,951 | 1,949 | 2,207 | 1,691 | 1,543 | 1.1 | 1.1 | 1.2 | 0.9 | 0.8 |
| Gross job losses | 10,503 | 12,087 | 9,081 | 11,069 | 10,960 | 5.7 | 6.5 | 4.9 | 5.9 | 5.8 |
| At contracting establishments ... | 9,111 | 10,029 | 8,012 | 9,136 | 9,077 | 4.9 | 5.4 | 4.3 | 4.9 | 4.8 |
| At closing establishments ... | 1,392 | 2,058 | 1,069 | 1,933 | 1,883 | 0.8 | 1.1 | 0.6 | 1.0 | 1.0 |
| Net employment change ² | 1,532 | -1,845 | 1,380 | -405 | -642 | 0.9 | -1.1 | 0.7 | -0.2 | -0.3 |
| Transportation and warehousing | | | | | | | | | | |
| Gross job gains | 7,116 | 4,797 | 2,577 | 2,686 | 2,410 | 10.5 | 6.8 | 3.8 | 4.1 | 3.8 |
| At expanding establishments ... | 6,467 | 4,241 | 2,059 | 2,338 | 1,929 | 9.5 | 6.0 | 3.0 | 3.6 | 3.0 |
| At opening establishments ... | 649 | 556 | 518 | 348 | 481 | 1.0 | 0.8 | 0.8 | 0.5 | 0.8 |
| Gross job losses | 3,209 | 3,465 | 6,102 | 4,770 | 3,595 | 4.8 | 4.9 | 8.9 | 7.3 | 5.7 |
| At contracting establishments ... | 2,753 | 2,868 | 5,537 | 4,362 | 3,025 | 4.1 | 4.1 | 8.1 | 6.7 | 4.8 |
| At closing establishments ... | 456 | 597 | 565 | 408 | 570 | 0.7 | 0.8 | 0.8 | 0.6 | 0.9 |
| Net employment change ² | -1,936 | -3,165 | 3,890 | -2,084 | -1,185 | -2.8 | -4.7 | 5.7 | -3.2 | -1.9 |
| Information | | | | | | | | | | |
| Gross job gains | 1,230 | 944 | 1,178 | 1,383 | 927 | 6.9 | 5.3 | 6.6 | 7.6 | 5.2 |
| At expanding establishments ... | 984 | 554 | 851 | 1,036 | 535 | 5.5 | 3.1 | 4.8 | 5.7 | 3.0 |
| At opening establishments ... | 246 | 390 | 327 | 347 | 392 | 1.4 | 2.2 | 1.8 | 1.9 | 2.2 |
| Gross job losses | 1,195 | 1,084 | 913 | 985 | 1,926 | 6.7 | 6.2 | 5.1 | 5.4 | 10.7 |
| At contracting establishments ... | 862 | 875 | 707 | 688 | 660 | 4.8 | 5.0 | 3.9 | 3.8 | 3.7 |
| At closing establishments ... | 333 | 209 | 206 | 297 | 1,266 | 1.9 | 1.2 | 1.2 | 1.6 | 7.0 |
| Net employment change ² | 401 | 326 | 91 | 398 | -999 | 2.2 | 1.9 | 0.5 | 2.2 | -5.5 |
| Financial activities | | | | | | | | | | |
| Gross job gains | 4,905 | 4,318 | 4,122 | 4,826 | 4,385 | 6.2 | 5.4 | 5.2 | 6.0 | 5.4 |
| At expanding establishments ... | 3,723 | 3,037 | 3,011 | 3,399 | 3,340 | 4.7 | 3.8 | 3.8 | 4.2 | 4.1 |
| At opening establishments ... | 1,182 | 1,281 | 1,111 | 1,427 | 1,045 | 1.5 | 1.6 | 1.4 | 1.8 | 1.3 |
| Gross job losses | 3,905 | 4,005 | 3,610 | 3,780 | 3,945 | 5.0 | 5.1 | 4.6 | 4.7 | 4.9 |
| At contracting establishments ... | 2,984 | 2,923 | 2,768 | 2,708 | 2,650 | 3.8 | 3.7 | 3.5 | 3.4 | 3.3 |
| At closing establishments ... | 921 | 1,082 | 842 | 1,072 | 1,295 | 1.2 | 1.4 | 1.1 | 1.3 | 1.6 |
| Net employment change ² | 327 | 349 | 695 | 1,046 | 440 | 0.4 | 0.4 | 0.9 | 1.3 | 0.5 |

Note: See footnotes at end of table

Table 5. Private sector gross job gains and losses by industry, Oklahoma, seasonally adjusted (cont.)

| Category | Gross job gains and job losses (3 months ended) | | | | | Gross job gains and job losses as a percent of employment (3 months ended) | | | | |
|--|---|-----------|-----------|-----------|-----------|--|-----------|-----------|-----------|-----------|
| | Sep. 2022 | Dec. 2022 | Mar. 2022 | Jun. 2023 | Sep. 2023 | Sep. 2022 | Dec. 2022 | Mar. 2022 | Jun. 2023 | Sep. 2023 |
| Professional and business services | | | | | | | | | | |
| Gross job gains | 19,343 | 16,579 | 15,680 | 15,957 | 16,797 | 9.4 | 7.9 | 7.5 | 7.6 | 8.0 |
| At expanding establishments ... | 15,870 | 11,706 | 11,676 | 11,903 | 12,988 | 7.7 | 5.6 | 5.6 | 5.7 | 6.2 |
| At opening establishments ... | 3,473 | 4,873 | 4,004 | 4,054 | 3,809 | 1.7 | 2.3 | 1.9 | 1.9 | 1.8 |
| Gross job losses | 13,863 | 15,335 | 13,637 | 16,734 | 17,262 | 6.8 | 7.3 | 6.5 | 7.9 | 8.2 |
| At contracting establishments ... | 10,780 | 11,910 | 10,272 | 13,762 | 12,824 | 5.3 | 5.7 | 4.9 | 6.5 | 6.1 |
| At closing establishments ... | 3,083 | 3,425 | 3,365 | 2,972 | 4,438 | 1.5 | 1.6 | 1.6 | 1.4 | 2.1 |
| Net employment change ² | 3,401 | 419 | 4,584 | -777 | -465 | 1.7 | 0.2 | 2.2 | -0.3 | -0.2 |
| Education and health services | | | | | | | | | | |
| Gross job gains | 12,863 | 12,954 | 11,912 | 12,056 | 11,663 | 5.8 | 5.8 | 5.3 | 5.2 | 5.1 |
| At expanding establishments ... | 10,357 | 10,749 | 9,697 | 10,132 | 9,414 | 4.7 | 4.8 | 4.3 | 4.4 | 4.1 |
| At opening establishments ... | 2,506 | 2,205 | 2,215 | 1,924 | 2,249 | 1.1 | 1.0 | 1.0 | 0.8 | 1.0 |
| Gross job losses | 8,747 | 9,415 | 8,481 | 9,690 | 8,965 | 4.0 | 4.2 | 3.8 | 4.2 | 3.9 |
| At contracting establishments ... | 6,650 | 7,110 | 6,499 | 7,783 | 7,147 | 3.0 | 3.2 | 2.9 | 3.4 | 3.1 |
| At closing establishments ... | 2,097 | 2,305 | 1,982 | 1,907 | 1,818 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 |
| Net employment change ² | 4,034 | 3,402 | 3,431 | 2,366 | 2,698 | 0.4 | 1.9 | 1.5 | 1.0 | 1.2 |
| Leisure and hospitality | | | | | | | | | | |
| Gross job gains | 15,983 | 15,916 | 15,762 | 13,793 | 15,138 | 9.2 | 9.0 | 8.7 | 7.6 | 8.4 |
| At expanding establishments ... | 13,247 | 11,943 | 11,572 | 10,685 | 11,683 | 7.6 | 6.8 | 6.4 | 5.9 | 6.5 |
| At opening establishments ... | 2,736 | 3,973 | 4,190 | 3,108 | 3,455 | 1.6 | 2.2 | 2.3 | 1.7 | 1.9 |
| Gross job losses | 14,034 | 13,592 | 11,973 | 15,120 | 13,886 | 8.1 | 7.7 | 6.7 | 8.4 | 7.7 |
| At contracting establishments ... | 11,113 | 10,512 | 9,887 | 12,732 | 11,774 | 6.4 | 6.0 | 5.5 | 7.1 | 6.5 |
| At closing establishments ... | 2,921 | 3,080 | 2,086 | 2,388 | 2,112 | 1.7 | 1.7 | 1.2 | 1.3 | 1.2 |
| Net employment change ² | -637 | 1,838 | 2,078 | -1,327 | 1,252 | -0.4 | 1.1 | 2.6 | -0.8 | 0.7 |
| Other services ³ | | | | | | | | | | |
| Gross job gains | 3,133 | 3,291 | 3,168 | 3,034 | 3,053 | 8.5 | 8.8 | 8.4 | 7.9 | 7.9 |
| At expanding establishments ... | 2,307 | 2,370 | 2,348 | 2,145 | 2,352 | 6.3 | 6.3 | 6.2 | 5.6 | 6.1 |
| At opening establishments ... | 826 | 921 | 820 | 889 | 701 | 2.2 | 2.5 | 2.2 | 2.3 | 1.8 |
| Gross job losses | 2,456 | 2,756 | 2,555 | 2,473 | 2,621 | 6.7 | 7.4 | 6.8 | 6.4 | 6.7 |
| At contracting establishments ... | 1,907 | 1,965 | 1,918 | 1,808 | 1,989 | 5.2 | 5.3 | 5.1 | 4.7 | 5.1 |
| At closing establishments ... | 549 | 791 | 637 | 665 | 632 | 1.5 | 2.1 | 1.7 | 1.7 | 1.6 |
| Net employment change ² | 155 | 867 | 592 | 561 | 432 | 0.4 | 2.4 | 1.6 | 1.5 | 1.2 |

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.

(3) Except public administration.

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