

2016

OKLAHOMA BUSINESS EMPLOYMENT DYNAMICS

3rd Quarter 2016



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OKLAHOMA BUSINESS EMPLOYMENT DYNAMICS: 3rd Quarter 2016

Gross Job Gains and Gross Job Losses: 3rd Quarter 2016

From June 2016 to September 2016, gross job gains in Oklahoma totaled 78,448, while gross job losses numbered 74,654, 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). Gross job gains exceeded gross job losses by 3,794, marking the first quarter of positive net change after six consecutive quarters of negative net change. During the previous quarter, gross job losses exceeded gross job gains by 12,657.

Chart 1

Private sector gross job gains and gross job losses in Oklahoma
March 2006 - September 2016, seasonally adjusted



Source: U.S. Bureau of Labor Statistics

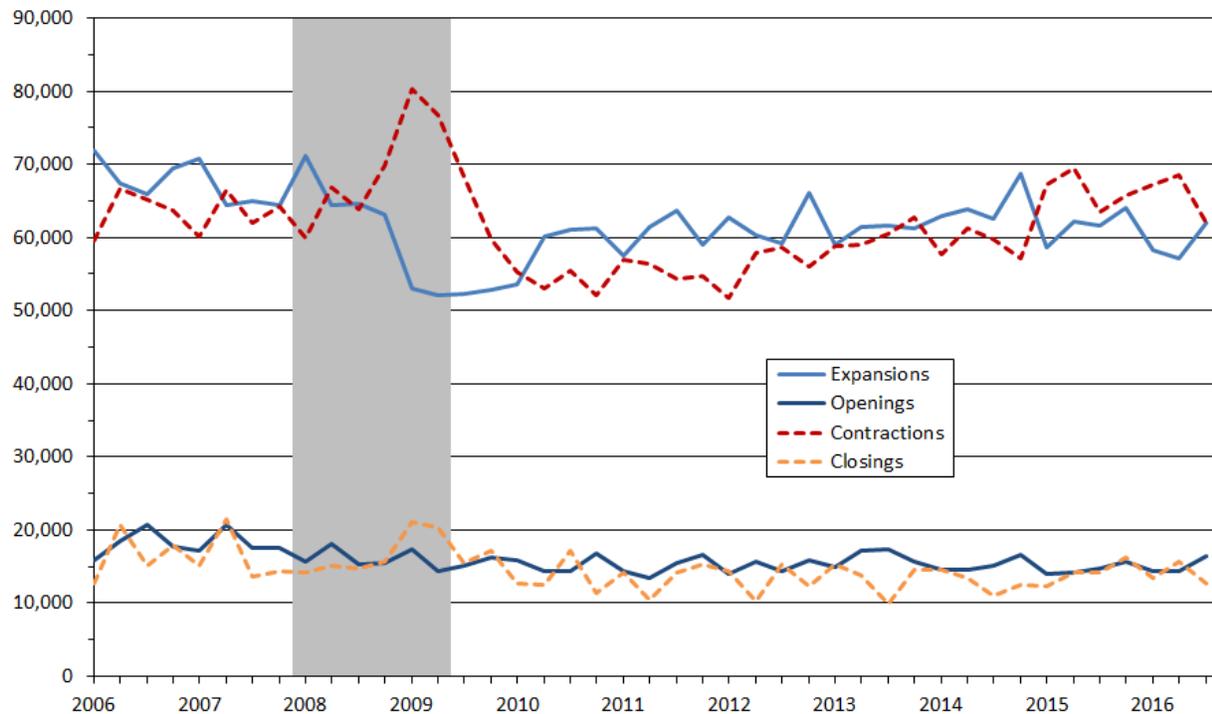
Note: Shaded area represents NBER defined recession period.

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, p. 7, for more information).

The number of gross job gains in Oklahoma increased by 6,765 from June 2016 to September 2016, (see Chart 1, above and Table 1, page 6. Gross job losses declined from the previous quarter by 9,686 for the three months ended September 2016. In the past ten years, gross job losses in the state peaked in 1st quarter 2009, at the end of the 'Great Recession', when 101,545 jobs were lost.

Chart 2

Components of private sector gross job gains and losses in Oklahoma
March 2006 - September 2016, 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

Contracting establishments in Oklahoma lost 61,925 jobs in the 3rd quarter of 2016. This number represents 6,697 fewer jobs lost from the previous quarter. Expanding establishments gained 61,958 jobs, for an increase of 4,727 jobs compared to the 2nd quarter of 2016, (see Chart 2, above).

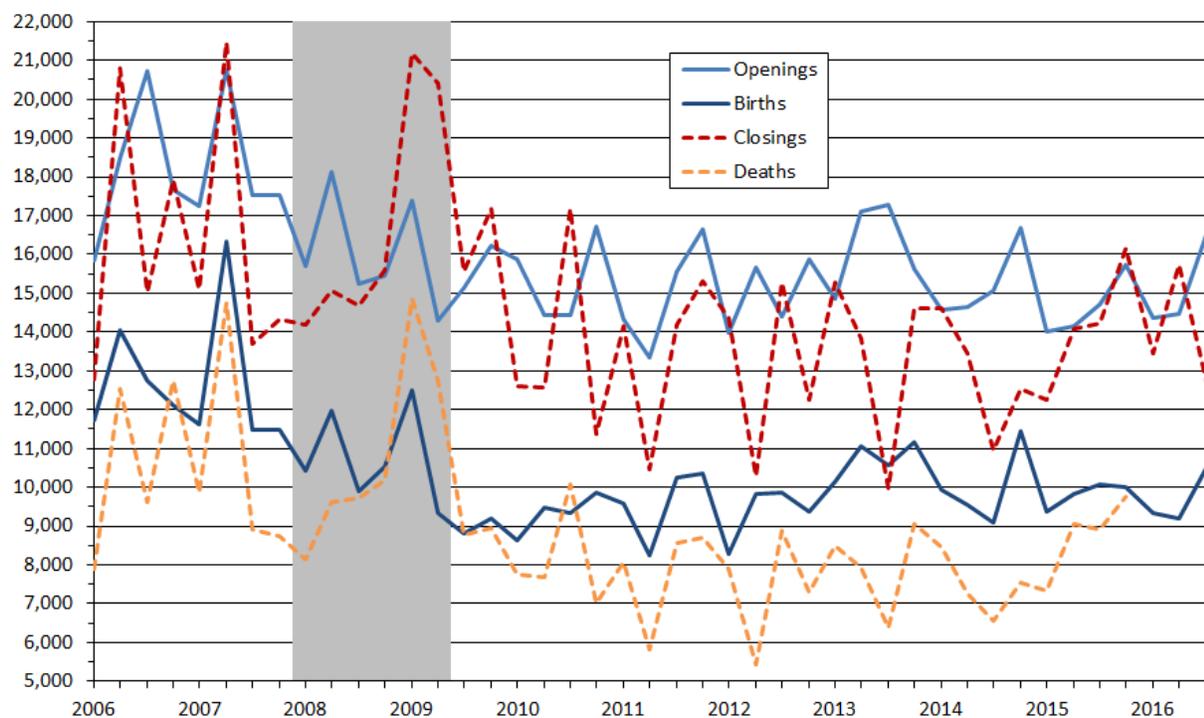
Closing establishments lost 12,729 jobs from June 2016 to September 2016. This represents 2,989 fewer jobs lost from the prior quarter. Opening establishments gained 16,490 jobs during the 3rd quarter of 2016. This represents 2,038 more new jobs from private sector establishment openings than in 2nd quarter 2016.

In Oklahoma, the number of private sector establishment births, (a subset of the openings data), increased by 43 to 2,343 in the 3rd quarter of 2016. These new establishments accounted for 10,492 jobs or 1,291 more jobs than 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 2015. From September 2015 to December 2015, 9,756 jobs were lost at 2,448 private sector establishments in Oklahoma. In the prior quarter, 8,921 jobs were lost at 2,391 private sector establishments.

Chart 3

Employment from private sector openings, closings, births and deaths in Oklahoma
March 2006 - September 2016, seasonally adjusted



Source: U.S. Bureau of Labor Statistics
Note: Shaded area represents NBER defined recession periods.

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

Gross job gains represented 6.3 percent of total private sector employment in Oklahoma for the quarter ending in September 2016 with expansions accounting for 5.0 percent of total private sector employment and openings contributing 1.3 percent. Nationally, gross job gains accounted for 6.4 percent of private employment in the 3rd quarter of 2016. With few exceptions, Oklahoma's rates of gross job gains have generally tracked with the U.S. rates, (See Chart 4, page 4).

In the 3rd quarter of 2016, Oklahoma's rate of gross job losses as a percent of total private sector employment was 6.0 percent, with contractions accounting for 5.0 percent and closings adding another 1.0 percent. That was higher than the national rate of 5.8 percent. Although the rate of gross job losses in Oklahoma mirrored the national rate from 1st quarter 2010 to 2nd quarter 2013, from the 3rd quarter 2013 forward it has shown more volatility and appears almost counter-cyclical to the national trend, (See Chart 5, page 4).

Chart 4

Private sector gross job gains as a percent of employment, United States and Oklahoma
March 2006 - September 2016, seasonally adjusted

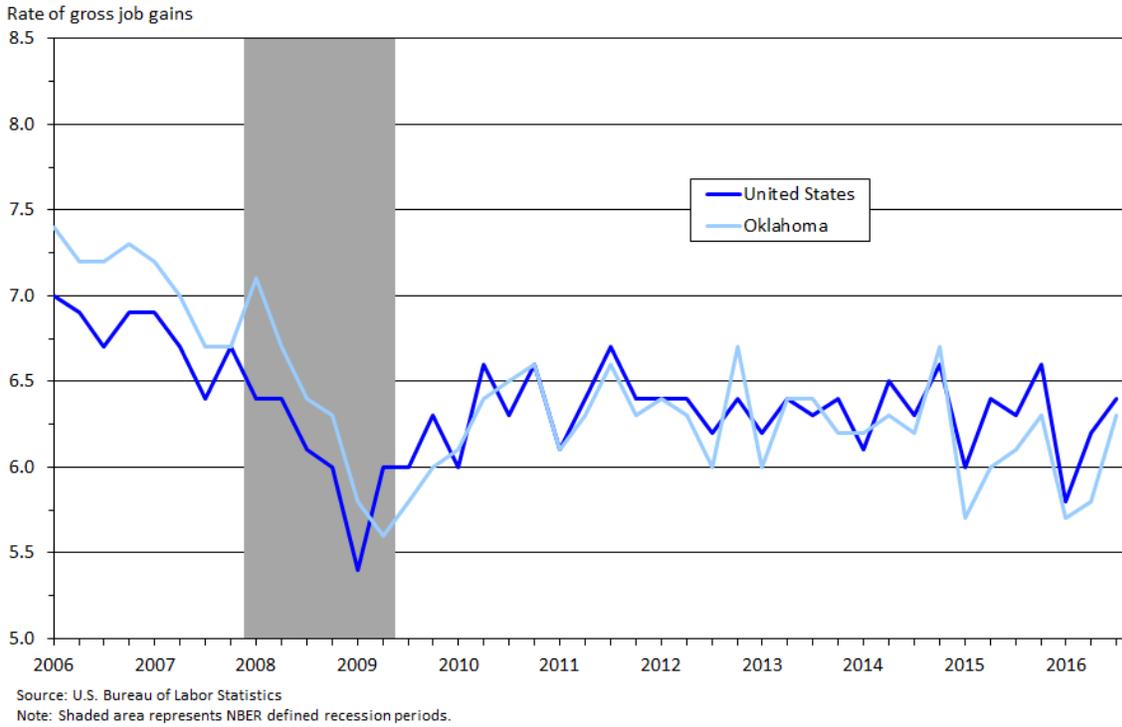
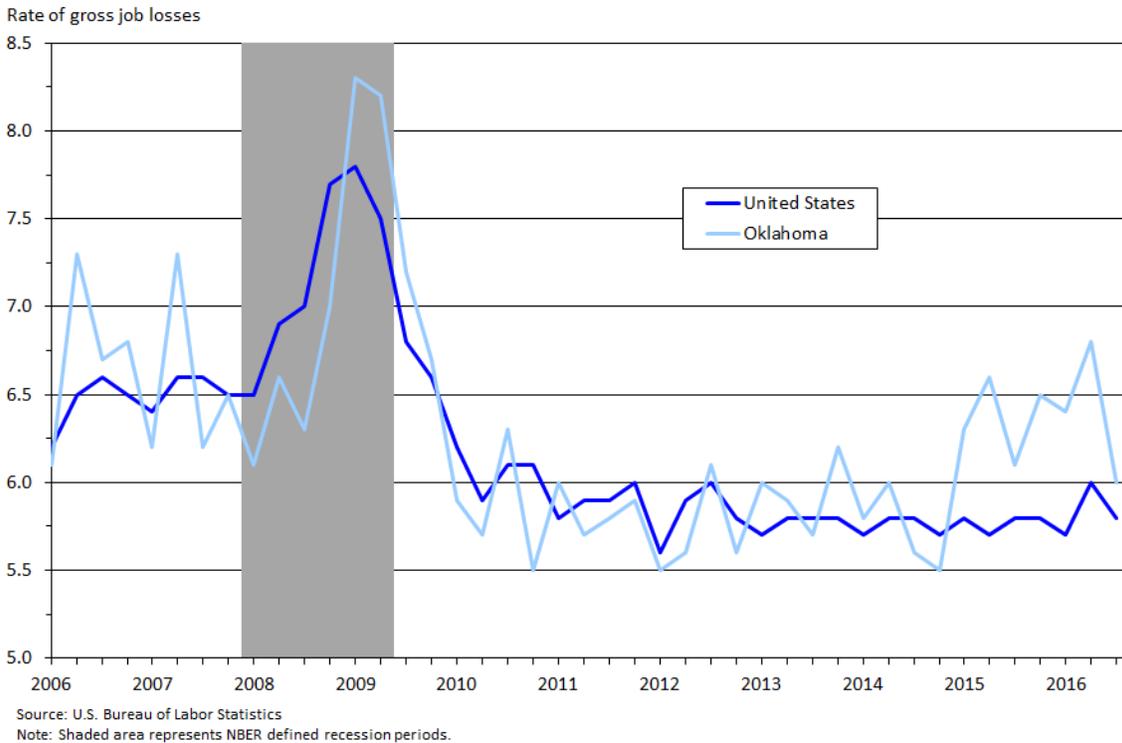


Chart 5

Private sector gross job losses as a percent of employment, United States and Oklahoma
March 2006 - September 2016, seasonally adjusted



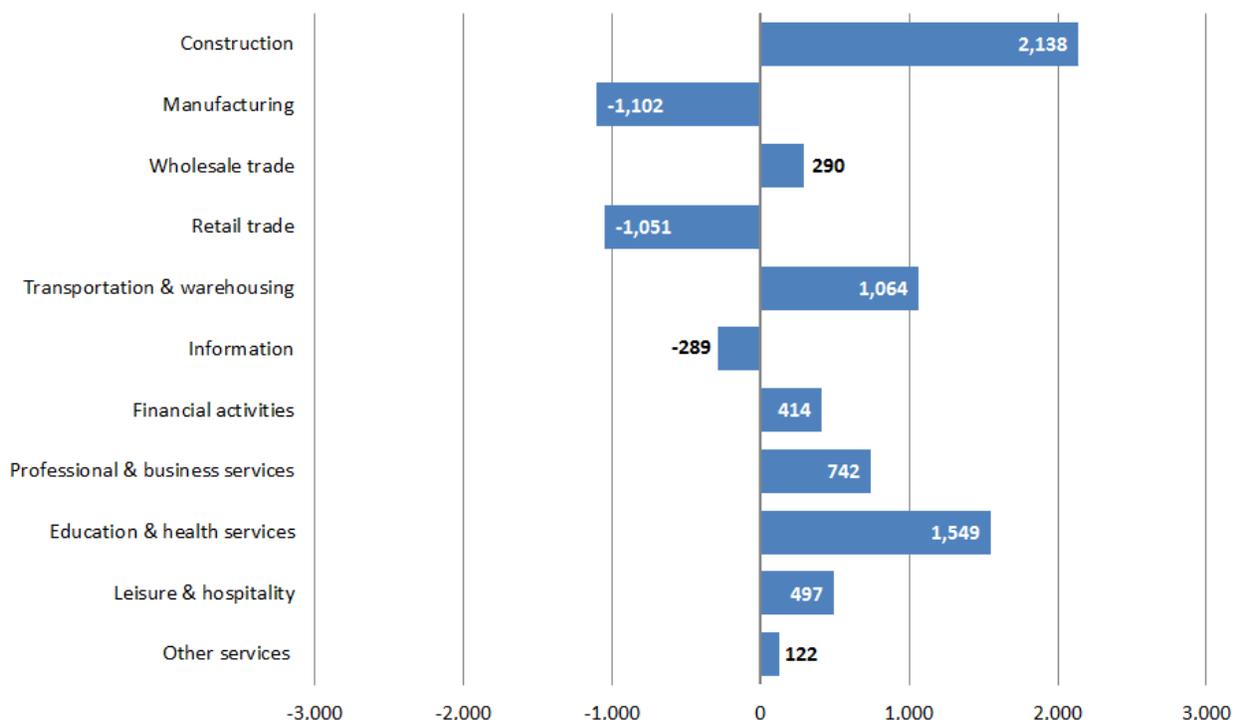
Gross Job Gains and Gross Job Losses by Industry: 3rd Quarter 2016

During the 3rd quarter of 2016, gross job gains exceeded gross job losses in eight of the 11 reported industry sectors in Oklahoma. Construction had the largest positive net change in jobs as gross job gains exceeded gross job losses by 2,138 jobs. While 8,520 jobs were created at opening and expanding construction establishments, 6,382 jobs were lost at closing and contracting establishments for the three months ending September 2016. Education and health services followed gaining 10,093 jobs at opening and expanding establishments and losing 8,544 jobs at closing and contracting establishments, resulting in a net job gain of 1,549 jobs. Transportation and warehousing also saw a large positive change in jobs as gross job gains exceeded gross job losses by 1,064 jobs.

Manufacturing saw the largest negative net change in jobs in the 3rd quarter of 2016 as gross job losses exceeded gross job gains by 1,102 jobs. While 4,227 jobs were created at opening and expanding manufacturing establishments, 5,329 jobs were lost at closing and contracting establishments for the three months ending September 2016. Retail trade also had a significant negative net change in jobs in the 3rd quarter as gross job losses exceeded gross job gains by 1,051 jobs. (See Chart 6 below and Table 5, pages 13-16).

Chart 6

Private sector net change in jobs by industry, Oklahoma
September 2016, 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 2015	Dec 2015	March 2016	June 2016	Sep 2016
Levels					
Gross job gains.....	76,416	79,854	72,627	71,683	78,448
Expanding establishments	61,695	64,117	58,279	57,231	61,958
Opening establishments	14,721	15,737	14,348	14,452	16,490
Gross job losses.....	77,755	81,960	80,611	84,340	74,654
Contracting establishments	63,536	65,810	67,178	68,622	61,925
Closing establishments	14,219	16,150	13,433	15,718	12,729
Net employment change ¹	-1,339	-2,106	-7,984	-12,657	3,794
Rates (percent)					
Gross job gains.....	6.1	6.3	5.7	5.8	6.3
Expanding establishments	4.9	5.1	4.6	4.6	5.0
Opening establishments	1.2	1.2	1.1	1.2	1.3
Gross job losses.....	6.1	6.5	6.4	6.8	6.0
Contracting establishments	5.0	5.2	5.3	5.5	5.0
Closing establishments	1.1	1.3	1.1	1.3	1.0
Net employment change ¹	0.0	-0.2	-0.7	-1.0	0.3
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 at <https://www.bls.gov/news.release/cewbd.tn.htm>.

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

Year	3 months ended	Net change ¹	Gross job gains			Gross job losses		
			Total	Expanding establishments	Opening establishment	Total	Contracting establishments	Closing establishments
2006	March	15,322	87,659	71,819	15,840	72,337	59,563	12,774
	June	-1,559	85,893	67,410	18,483	87,452	66,670	20,782
	September	6,436	86,566	65,830	20,736	80,130	65,098	15,032
	December	5,568	87,098	69,433	17,665	81,530	63,624	17,906
2007	March	12,799	87,964	70,734	17,230	75,165	60,062	15,103
	June	-2,730	85,176	64,423	20,753	87,906	66,453	21,453
	September	6,808	82,555	65,041	17,514	75,747	62,070	13,677
	December	3,293	81,886	64,362	17,524	78,593	64,277	14,316
2008	March	12,641	86,785	71,079	15,706	74,144	59,959	14,185
	June	705	82,583	64,449	18,134	81,878	66,815	15,063
	September	1,383	79,905	64,675	15,230	78,522	63,851	14,671
	December	-6,998	78,512	63,049	15,463	85,510	69,908	15,602
2009	March	-31,178	70,367	52,989	17,378	101,545	80,373	21,172
	June	-30,787	66,439	52,140	14,299	97,226	76,821	20,405
	September	-16,494	67,362	52,216	15,146	83,856	68,309	15,547
	December	-7,940	69,080	52,850	16,230	77,020	59,837	17,183
2010	March	1,645	69,561	53,674	15,887	67,916	55,300	12,616
	June	8,940	74,630	60,214	14,416	65,690	53,109	12,581
	September	2,894	75,446	61,028	14,418	72,552	55,376	17,176
	December	14,391	77,881	61,164	16,717	63,490	52,124	11,366
2011	March	756	71,799	57,477	14,322	71,043	56,884	14,159
	June	7,953	74,749	61,401	13,348	66,796	56,320	10,476
	September	10,818	79,252	63,701	15,551	68,434	54,259	14,175
	December	5,660	75,717	59,069	16,648	70,057	54,732	15,325
2012	March	10,537	76,641	62,663	13,978	66,104	51,739	14,365
	June	7,795	75,997	60,323	15,674	68,202	57,934	10,268
	September	-200	73,625	59,223	14,402	73,825	58,554	15,271
	December	13,572	81,910	66,049	15,861	68,338	56,100	12,238
2013	March	-178	73,830	58,961	14,869	74,008	58,749	15,259
	June	5,734	78,501	61,393	17,108	72,767	58,947	13,820
	September	8,413	78,930	61,651	17,279	70,517	60,555	9,962
	December	-485	76,951	61,340	15,611	77,436	62,838	14,598
2014	March	5,180	77,559	62,990	14,569	72,379	57,779	14,600
	June	3,689	78,414	63,779	14,635	74,725	61,271	13,454
	September	7,049	77,699	62,651	15,048	70,650	59,703	10,947
	December	15,771	85,371	68,681	16,690	69,600	57,070	12,530
2015	March	-6,722	72,723	58,724	13,999	79,445	67,205	12,240
	June	-7,388	76,254	62,110	14,144	83,642	69,547	14,095
	September	-1,339	76,416	61,695	14,721	77,755	63,536	14,219
	December	-2,106	79,854	64,117	15,737	81,960	65,810	16,150
2016	March	-7,984	72,627	58,279	14,348	80,611	67,178	13,433
	June	-12,657	71,683	57,231	14,452	84,340	68,622	15,718
	September	3,794	78,448	61,958	16,490	74,654	61,925	12,729

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

			Gross job gains			Gross job losses		
Year	3 months ended	Net change ²	Total	Expanding establishments	Opening establishments	Total	Contracting establishments	Closing establishments
2006	March	1.3	7.4	6.1	1.3	6.1	5.0	1.1
	June	-0.1	7.2	5.7	1.5	7.3	5.6	1.7
	September	0.5	7.2	5.5	1.7	6.7	5.4	1.3
	December	0.5	7.3	5.8	1.5	6.8	5.3	1.5
2007	March	1.0	7.2	5.8	1.4	6.2	5.0	1.2
	June	-0.3	7.0	5.3	1.7	7.3	5.5	1.8
	September	0.5	6.7	5.3	1.4	6.2	5.1	1.1
	December	0.2	6.7	5.3	1.4	6.5	5.3	1.2
2008	March	1.0	7.1	5.8	1.3	6.1	4.9	1.2
	June	0.1	6.7	5.2	1.5	6.6	5.4	1.2
	September	0.1	6.4	5.2	1.2	6.3	5.1	1.2
	December	-0.7	6.3	5.1	1.2	7.0	5.7	1.3
2009	March	-2.5	5.8	4.4	1.4	8.3	6.6	1.7
	June	-2.6	5.6	4.4	1.2	8.2	6.5	1.7
	September	-1.4	5.8	4.5	1.3	7.2	5.9	1.3
	December	-0.7	6.0	4.6	1.4	6.7	5.2	1.5
2010	March	0.2	6.1	4.7	1.4	5.9	4.8	1.1
	June	0.7	6.4	5.2	1.2	5.7	4.6	1.1
	September	0.2	6.5	5.3	1.2	6.3	4.8	1.5
	December	1.1	6.6	5.2	1.4	5.5	4.5	1.0
2011	March	0.1	6.1	4.9	1.2	6.0	4.8	1.2
	June	0.6	6.3	5.2	1.1	5.7	4.8	0.9
	September	0.8	6.6	5.3	1.3	5.8	4.6	1.2
	December	0.4	6.3	4.9	1.4	5.9	4.6	1.3
2012	March	0.9	6.4	5.2	1.2	5.5	4.3	1.2
	June	0.7	6.3	5.0	1.3	5.6	4.8	0.8
	September	-0.1	6.0	4.8	1.2	6.1	4.8	1.3
	December	1.1	6.7	5.4	1.3	5.6	4.6	1.0
2013	March	0.0	6.0	4.8	1.2	6.0	4.8	1.2
	June	0.5	6.4	5.0	1.4	5.9	4.8	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	0.4	6.2	5.0	1.2	5.8	4.6	1.2
	June	0.3	6.3	5.1	1.2	6.0	4.9	1.1
	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	-0.6	6.0	4.9	1.1	6.6	5.5	1.1
	September	0.0	6.1	4.9	1.2	6.1	5.0	1.1
	December	-0.2	6.3	5.1	1.2	6.5	5.2	1.3
2016	March	-0.7	5.7	4.6	1.1	6.4	5.3	1.1
	June	-1.0	5.8	4.6	1.2	6.8	5.5	1.3
	September	0.3	6.3	5.0	1.3	6.0	5.0	1.0

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.

Year	3 months ended	Births ¹		Deaths ²	
		Establishments	Employment	Establishments	Employment
2006	March	2,569	11,710	1,884	7,880
	June	2,651	14,032	2,385	12,528
	September	2,435	12,746	2,076	9,627
	December	2,468	12,107	2,184	12,752
2007	March	2,097	11,621	2,100	9,851
	June	2,725	16,344	2,968	14,737
	September	2,347	11,492	1,747	8,922
	December	2,216	11,495	1,925	8,744
2008	March	2,173	10,424	2,004	8,140
	June	2,622	11,963	2,176	9,625
	September	2,001	9,881	2,185	9,704
	December	2,289	10,520	2,522	10,172
2009	March	2,593	12,492	2,578	14,840
	June	1,893	9,326	3,197	12,745
	September	1,835	8,815	2,108	8,757
	December	2,335	9,204	2,164	8,964
2010	March	2,239	8,617	1,791	7,768
	June	2,209	9,472	1,935	7,676
	September	2,171	9,319	2,646	10,067
	December	2,365	9,850	1,884	7,020
2011	March	2,140	9,596	2,353	8,074
	June	2,057	8,234	1,625	5,818
	September	2,209	10,254	2,136	8,566
	December	2,395	10,368	2,007	8,696
2012	March	2,115	8,276	2,161	7,905
	June	2,175	9,824	1,556	5,423
	September	2,368	9,849	2,284	8,861
	December	1,961	9,381	1,777	7,293
2013	March	2,462	10,159	2,399	8,495
	June	2,316	11,054	2,071	7,919
	September	2,548	10,577	1,687	6,370
	December	2,326	11,155	2,159	9,068
2014	March	2,352	9,943	2,481	8,467
	June	2,450	9,548	1,966	7,263
	September	2,341	9,088	1,678	6,566
	December	2,495	11,430	2,084	7,536
2015	March	2,373	9,367	2,338	7,315
	June	2,354	9,816	2,545	9,058
	September	2,365	10,061	2,391	8,921
	December	2,346	10,012	2,448	9,756
2016	March	2,247	9,323	N/A	N/A
	June	2,300	9,201	N/A	N/A
	September	2,343	10,492	N/A	N/A

¹ Values for births are not available for the first three quarters

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

Table 4. Oklahoma: Rates¹ of private sector establishment births and deaths, seasonally adjusted					
		Births²		Deaths³	
Year	3 months ended	Establishments	Employment	Establishments	Employment
2006	March	3.2	1.0	2.4	0.7
	June	3.3	1.2	3.0	1.1
	September	3.0	1.1	2.6	0.8
	December	3.0	1.0	2.7	1.1
2007	March	2.6	1.0	2.6	0.8
	June	3.4	1.3	3.7	1.2
	September	2.9	0.9	2.2	0.7
	December	2.7	0.9	2.4	0.7
2008	March	2.6	0.8	2.4	0.7
	June	3.2	1.0	2.6	0.8
	September	2.4	0.8	2.6	0.8
	December	2.8	0.9	3.0	0.8
2009	March	3.1	1.0	3.1	1.2
	June	2.3	0.8	3.9	1.1
	September	2.3	0.8	2.6	0.8
	December	2.9	0.8	2.7	0.8
2010	March	2.7	0.7	2.2	0.7
	June	2.7	0.8	2.4	0.7
	September	2.6	0.8	3.2	0.9
	December	2.9	0.8	2.3	0.6
2011	March	2.6	0.8	2.8	0.7
	June	2.5	0.7	2.0	0.5
	September	2.7	0.9	2.6	0.7
	December	2.9	0.9	2.4	0.7
2012	March	2.5	0.7	2.6	0.7
	June	2.6	0.8	1.9	0.4
	September	2.8	0.8	2.7	0.7
	December	2.3	0.8	2.1	0.6
2013	March	2.9	0.8	2.8	0.7
	June	2.7	0.9	2.4	0.6
	September	3.0	0.9	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	2.4	0.6
2015	March	2.7	0.7	2.6	0.6
	June	2.7	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	2.5	0.7	N/A	N/A
	June	2.6	0.7	N/A	N/A
	September	2.6	0.8	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.

²Values for births are not available for the first three quarters of the time series by definition.

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.	Dec.	Mar.	Jun.	Sep.	Sep.	Dec.	Mar.	Jun.	Sep.
	2015	2015	2016	2016	2016	2015	2015	2016	2016	2016
Total private ¹										
Gross job gains	76,416	79,854	72,627	71,683	78,448	6.1	6.3	5.7	5.8	6.3
At expanding establishments ...	61,695	64,117	58,279	57,231	61,958	4.9	5.1	4.6	4.6	5.0
At opening establishments ...	14,721	15,737	14,348	14,452	16,490	1.2	1.2	1.1	1.2	1.3
Gross job losses	77,755	81,960	80,611	84,340	74,654	6.1	6.5	6.4	6.8	6.0
At contracting establishments ...	63,536	65,810	67,178	68,622	61,925	5.0	5.2	5.3	5.5	5.0
At closing establishments ...	14,219	16,150	13,433	15,718	12,729	1.1	1.3	1.1	1.3	1.0
Net employment change ²	-1,339	-2,106	-7,984	-12,657	3,794	0.0	-0.2	-0.7	-1.0	0.3
Construction										
Gross job gains	8,091	7,506	7,101	7,010	8,520	10.6	9.6	9.2	9.2	11.0
At expanding establishments ...	6,558	5,770	5,636	5,558	6,927	8.6	7.4	7.3	7.3	8.9
At opening establishments ...	1,533	1,736	1,465	1,452	1,593	2.0	2.2	1.9	1.9	2.1
Gross job losses	7,299	7,595	7,840	7,704	6,382	9.5	9.7	10.1	10.0	8.3
At contracting establishments ...	5,734	6,101	6,145	5,835	5,152	7.5	7.8	7.9	7.6	6.7
At closing establishments ...	1,565	1,494	1,695	1,869	1,230	2.0	1.9	2.2	2.4	1.6
Net employment change ²	792	-89	-739	-694	2,138	1.1	-0.1	-0.9	-0.8	2.7
Manufacturing										
Gross job gains	4,006	3,828	3,749	3,992	4,227	2.9	2.9	2.9	3.1	3.3
At expanding establishments ...	3,683	3,339	3,376	3,375	3,816	2.7	2.5	2.6	2.6	3.0
At opening establishments ...	323	489	373	617	411	0.2	0.4	0.3	0.5	0.3
Gross job losses	6,322	6,471	5,955	6,795	5,329	4.6	4.9	4.5	5.3	4.1
At contracting establishments ...	5,744	5,690	5,369	6,186	4,655	4.2	4.3	4.1	4.8	3.6
At closing establishments ...	578	781	586	609	674	0.4	0.6	0.4	0.5	0.5
Net employment change ²	-2,316	-2,643	-2,206	-2,803	-1,102	-1.7	-2.0	-1.6	-2.2	-0.8
Wholesale trade										
Gross job gains	2,838	3,326	2,914	2,769	3,378	4.7	5.6	4.9	4.8	5.8
At expanding establishments ...	2,277	2,637	2,238	2,093	2,481	3.8	4.4	3.8	3.6	4.3
At opening establishments ...	561	689	676	676	897	0.9	1.2	1.1	1.2	1.5

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.	Dec.	Mar.	Jun.	Sep.	Sep.	Dec.	Mar.	Jun.	Sep.
	2015	2015	2016	2016	2016	2015	2015	2016	2016	2016
Gross job losses	3,516	3,704	3,404	3,221	3,088	5.9	6.2	5.8	5.5	5.3
At contracting establishments ...	2,756	2,975	2,624	2,617	2,437	4.6	5.0	4.5	4.5	4.2
At closing establishments ...	760	729	780	604	651	1.3	1.2	1.3	1.0	1.1
Net employment change ²	-3,516	-3,704	-3,404	-3,221	-3,088	-5.9	-6.2	-5.8	-5.5	-5.3
Retail trade										
Gross job gains	11,169	11,179	12,021	10,587	10,502	6.0	6.1	6.5	5.7	5.7
At expanding establishments ...	9,418	9,679	10,680	8,926	8,815	5.1	5.3	5.8	4.8	4.8
At opening establishments ...	1,751	1,500	1,341	1,661	1,687	0.9	0.8	0.7	0.9	0.9
Gross job losses	11,257	10,689	10,656	11,034	11,553	6.1	5.8	5.8	6.0	6.2
At contracting establishments ...	9,753	9,510	9,386	9,744	10,226	5.3	5.2	5.1	5.3	5.5
At closing establishments ...	1,504	1,179	1,270	1,290	1,327	0.8	0.6	0.7	0.7	0.7
Net employment change ²	-88	490	1,365	-447	-1,051	-0.1	0.3	0.7	-0.3	-0.5
Transportation and warehousing										
Gross job gains	2,880	5,643	2,074	2,145	3,018	5.9	11.0	4.1	4.3	6.0
At expanding establishments ...	2,507	5,070	1,672	1,789	2,594	5.1	9.9	3.3	3.6	5.2
At opening establishments ...	373	573	402	356	424	0.8	1.1	0.8	0.7	0.8
Gross job losses	2,449	2,818	4,285	2,208	1,954	5.0	5.5	8.4	4.5	3.9
At contracting establishments ...	2,068	2,038	3,758	1,818	1,671	4.2	4.0	7.4	3.7	3.3
At closing establishments ...	381	780	527	390	283	0.8	1.5	1.0	0.8	0.6
Net employment change ²	431	2,825	-2,211	-63	1,064	0.9	5.5	-4.3	-0.2	2.1
Information										
Gross job gains	1,100	1,093	916	899	771	5.1	5.2	4.3	4.2	3.6
At expanding establishments ...	858	877	570	795	618	4.0	4.2	2.7	3.7	2.9
At opening establishments ...	242	216	346	104	153	1.1	1.0	1.6	0.5	0.7
Gross job losses	1,307	902	1,100	1,021	1,060	6.2	4.3	5.2	4.8	5.1
At contracting establishments ...	934	647	910	711	857	4.4	3.1	4.3	3.3	4.1
At closing establishments ...	373	255	190	310	203	1.8	1.2	0.9	1.5	1.0
Net employment change ²	-207	191	-184	-122	-289	-1.1	0.9	-0.9	-0.6	-1.5

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.	Dec.	Mar.	Jun.	Sep.	Sep.	Dec.	Mar.	Jun.	Sep.
	2015	2015	2016	2016	2016	2015	2015	2016	2016	2016
Financial activities										
Gross job gains	4,081	3,824	3,202	3,440	3,962	5.3	5.0	4.2	4.5	5.2
At expanding establishments ...	3,175	2,918	2,582	2,619	3,019	4.1	3.8	3.4	3.4	4.0
At opening establishments ...	906	906	620	821	943	1.2	1.2	0.8	1.1	1.2
Gross job losses	3,679	3,728	3,746	4,097	3,548	4.8	4.9	4.8	5.4	4.7
At contracting establishments ...	2,852	2,913	3,019	2,979	2,793	3.7	3.8	3.9	3.9	3.7
At closing establishments ...	827	815	727	1,118	755	1.1	1.1	0.9	1.5	1.0
Net employment change ²	402	96	-544	-657	414	0.5	0.1	-0.6	-0.9	0.5
Professional and business services										
Gross job gains	12,637	14,939	12,656	13,870	14,664	6.9	8.1	6.9	7.6	8.1
At expanding establishments ...	9,698	11,568	9,700	11,139	11,570	5.3	6.3	5.3	6.1	6.4
At opening establishments ...	2,939	3,371	2,956	2,731	3,094	1.6	1.8	1.6	1.5	1.7
Gross job losses	13,711	13,496	14,586	14,676	13,922	7.5	7.4	8.0	8.1	7.7
At contracting establishments ...	10,820	10,434	11,881	11,767	11,068	5.9	5.7	6.5	6.5	6.1
At closing establishments ...	2,891	3,062	2,705	2,909	2,854	1.6	1.7	1.5	1.6	1.6
Net employment change ²	-1,074	1,443	-1,930	-806	742	-0.6	0.7	-1.1	-0.5	0.4
Education and health services										
Gross job gains	9,552	9,307	10,136	8,827	10,093	4.7	4.5	4.8	4.3	4.9
At expanding establishments ...	7,786	7,380	7,958	7,054	8,040	3.8	3.6	3.8	3.4	3.9
At opening establishments ...	1,766	1,927	2,178	1,773	2,053	0.9	0.9	1.0	0.9	1.0
Gross job losses	8,439	9,787	9,184	10,088	8,544	4.1	4.7	4.4	4.9	4.1
At contracting establishments ...	6,416	7,255	7,637	8,180	6,703	3.1	3.5	3.7	4.0	3.2
At closing establishments ...	2,023	2,532	1,547	1,908	1,841	1.0	1.2	0.7	0.9	0.9
Net employment change ²	1,113	-480	952	-1,261	1,549	0.6	-0.2	0.4	-0.6	0.8
Leisure and hospitality										
Gross job gains	13,491	14,136	12,820	12,596	13,418	8.4	8.7	7.8	7.7	8.2
At expanding establishments ...	10,279	10,884	10,083	9,544	9,318	6.4	6.7	6.1	5.8	5.7
At opening establishments ...	3,212	3,252	2,737	3,052	4,100	2.0	2.0	1.7	1.9	2.5

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. 2015	Dec. 2015	Mar. 2016	Jun. 2016	Sep. 2016	Sep. 2015	Dec. 2015	Mar. 2016	Jun. 2016	Sep. 2016
Gross job losses	12,437	13,078	12,239	14,578	12,921	7.7	8.0	7.4	8.9	7.9
At contracting establishments ...	10,630	10,279	10,114	11,532	11,244	6.6	6.3	6.1	7.0	6.9
At closing establishments ...	1,807	2,799	2,125	3,046	1,677	1.1	1.7	1.3	1.9	1.0
Net employment change ²	-12,437	-13,078	-12,239	-14,578	-12,921	-7.7	-8.0	-7.4	-8.9	-7.9
Other services ³										
Gross job gains	3,182	2,351	2,575	2,563	2,555	9.3	6.9	7.5	7.6	7.6
At expanding establishments ...	2,675	1,905	1,855	1,847	2,030	7.8	5.6	5.4	5.5	6.0
At opening establishments ...	507	446	720	716	525	1.5	1.3	2.1	2.1	1.6
Gross job losses	2,316	2,848	2,578	2,926	2,433	6.7	8.3	7.5	8.6	7.2
At contracting establishments ...	1,837	2,187	2,016	2,340	1,970	5.3	6.4	5.9	6.9	5.8
At closing establishments ...	479	661	562	586	463	1.4	1.9	1.6	1.7	1.4
Net employment change ²	866	-497	-3	-363	122	2.6	-1.4	0.0	-1.0	0.4

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.