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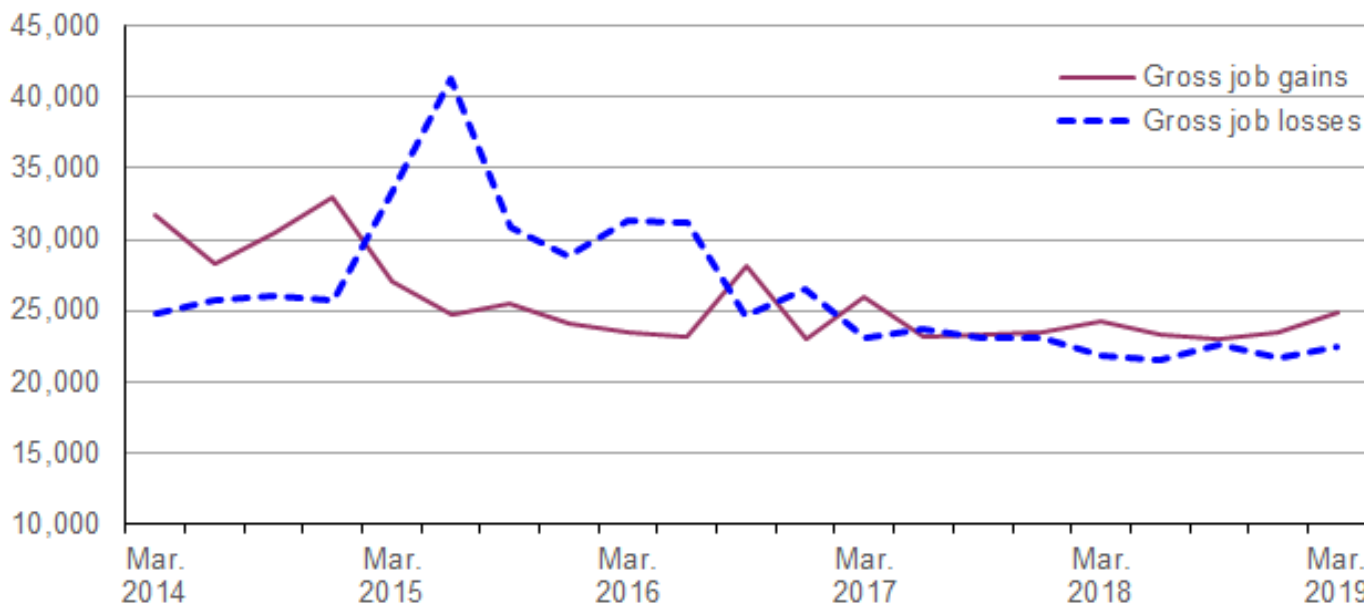
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Business Employment Dynamics in North Dakota — First Quarter 2019

From December 2018 to March 2019, gross job gains from opening and expanding private-sector establishments in North Dakota totaled 24,826, while gross job losses from closing and contracting private-sector establishments numbered 22,437, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Charlene Peiffer noted that gross job gains exceeded gross job losses by 2,389. During the previous quarter, gross job gains exceeded gross job losses by 1,802. (See [chart 1](#) and [table 1](#).)

Chart 1. Private sector gross job gains and losses in North Dakota, March 2014–March 2019, seasonally adjusted



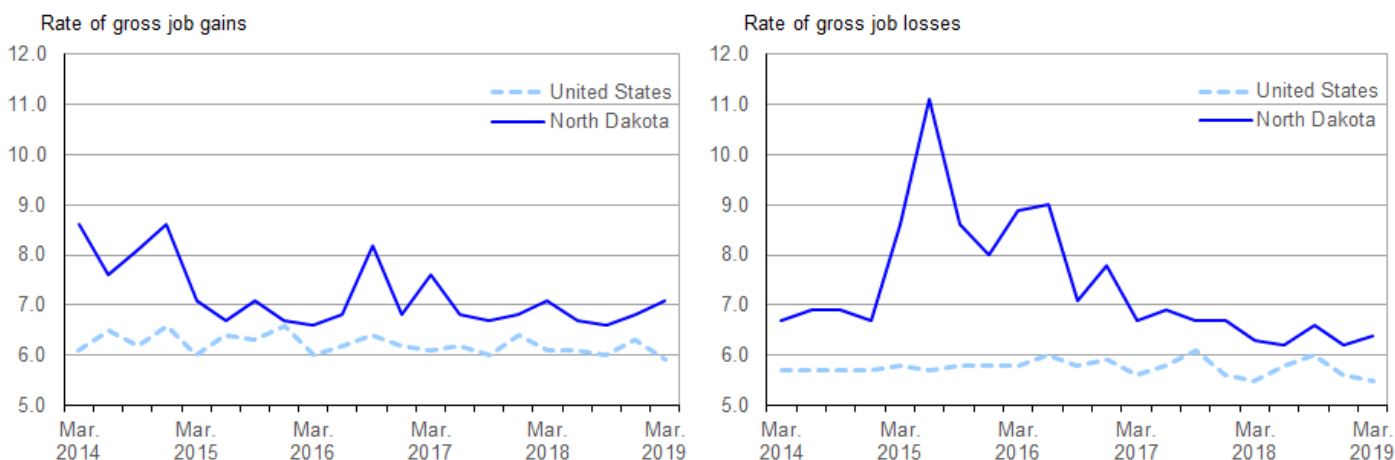
Source: U.S. Bureau of Labor Statistics.

The change in the number of jobs over time is the net result of increases and decreases in employment that occur at all 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. The difference between the number of gross job gains and the number of gross job losses is the net change in employment. (See the [Technical Note](#) for more information.)

The 24,826 gross job gains in the first quarter of 2019 followed the 23,548 gross job gains in the fourth quarter of 2018. North Dakota's gross job losses numbered 22,437 in the first quarter of 2019, higher than the 21,746 gross job losses in the fourth quarter of 2018. (See [chart 1.](#))

Gross job gains represented 7.1 percent of private sector employment in North Dakota in the first quarter of 2019; nationally, gross job gains accounted for 5.9 percent of private sector employment. (See [chart 2.](#)) Gross job losses represented 6.4 percent of private sector employment in North Dakota in the first quarter of 2019, while the U.S. rate of gross job losses was 5.5 percent of private sector employment.

Chart 2. Private sector gross job gains and losses as a percent of employment, United States and North Dakota, March 2014–March 2019, seasonally adjusted



Source: U.S. Bureau of Labor Statistics.

During the first quarter of 2019, gross job gains exceeded gross job losses by 836 in North Dakota's construction industry sector. While more than 4,600 jobs were gained in opening and expanding establishments, approximately 3,800 jobs were lost in closing and contracting establishments. In each of the remaining four industry sectors with available state data, net employment changes were less than 375. (See [table 1.](#))

Four of the seven states in the West North Central Census division had gross job gains that exceeded gross job losses. (See [table A.](#)) North Dakota had a rate of gross job gains that was higher than the 5.9-percent national rate. Six states had rates of gross job gains that were lower than the national rate. Iowa, Minnesota, and Missouri had rates of gross job losses that were below the 5.5-percent national rate. The four remaining states had rates of gross job losses that were higher than the national rate.

Table A. Private sector gross job gains and losses for the United States, West North Central Division, and West North Central states, March 2019, seasonally adjusted

Area	Gross job gains		Gross job losses		Net change	Net change as a percent of total employment
	Total	As a percent of total employment	Total	As a percent of total employment		
United States.....	7,375,000	5.9	6,850,000	5.5	525,000	0.4
West North Central ⁽¹⁾	480,588	—	482,125	—	-1,537	—
Iowa.....	67,346	5.1	71,892	5.4	-4,546	-0.3
Kansas.....	62,736	5.4	64,959	5.7	-2,223	-0.3
Minnesota.....	129,422	5.2	128,720	5.1	702	0.1
Missouri.....	129,371	5.4	126,018	5.3	3,353	0.1
Nebraska.....	46,491	5.7	45,655	5.6	836	0.1
North Dakota.....	24,826	7.1	22,437	6.4	2,389	0.7
South Dakota.....	20,396	5.7	22,444	6.4	-2,048	-0.7

Note: See footnotes at end of table.

Footnotes:

(1) Data were calculated for this release using published gross job gains and gross job losses for states located in the West North Central Census Division.

Note: Dash indicates data not available.

Additional statistics and other information

BED data for the states have been included in [table 2](#) of this release. For more information on the Business Employment Dynamics data, visit the BED web site at www.bls.gov/bdm/.

The Business Employment Dynamics release for second quarter 2019 is scheduled to be released on Wednesday, January 29, 2020.

Changes to Business Employment Dynamics (BED) Data

Data in this release incorporate annual revisions to the BED series. Annual revisions are published each year with the release of first quarter data. These revisions cover the last four quarters of not seasonally adjusted data and five years of seasonally adjusted data.

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 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.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Table 1. Private sector gross job gains and losses by industry, North Dakota, 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)				
	Mar. 2018	June 2018	Sept 2018	Dec. 2018	Mar. 2019	Mar. 2018	June 2018	Sept 2018	Dec. 2018	Mar. 2019
Total private ⁽¹⁾										
Gross job gains	24,307	23,387	23,039	23,548	24,826	7.1	6.7	6.6	6.8	7.1
At expanding establishments	19,968	19,476	19,211	19,500	21,425	5.8	5.6	5.5	5.6	6.1
At opening establishments	4,339	3,911	3,828	4,048	3,401	1.3	1.1	1.1	1.2	1.0
Gross job losses	21,801	21,570	22,667	21,746	22,437	6.3	6.2	6.6	6.2	6.4
At contracting establishments	18,110	18,337	18,980	18,616	18,849	5.2	5.3	5.5	5.3	5.4
At closing establishments	3,691	3,233	3,687	3,130	3,588	1.1	0.9	1.1	0.9	1.0
Net employment change ⁽²⁾	2,506	1,817	372	1,802	2,389	0.8	0.5	0.0	0.6	0.7
Construction										
Gross job gains	4,359	4,142	4,154	4,372	4,622	16.7	15.8	16.0	16.4	16.5
At expanding establishments	3,210	3,427	3,295	3,412	3,717	12.3	13.1	12.7	12.8	13.3
At opening establishments	1,149	715	859	960	905	4.4	2.7	3.3	3.6	3.2
Gross job losses	4,185	3,140	3,946	3,820	3,786	15.9	12.0	15.2	14.3	13.6
At contracting establishments	3,258	2,396	3,213	3,169	3,137	12.4	9.2	12.4	11.9	11.3
At closing establishments	927	744	733	651	649	3.5	2.8	2.8	2.4	2.3
Net employment change ⁽²⁾	174	1,002	208	552	836	0.8	3.8	0.8	2.1	2.9
Wholesale trade										
Gross job gains	1,201	1,082	1,288	1,235	1,363	5.0	4.5	5.4	5.1	5.7
At expanding establishments	1,005	980	1,093	1,104	1,152	4.2	4.1	4.6	4.6	4.8
At opening establishments	196	102	195	131	211	0.8	0.4	0.8	0.5	0.9
Gross job losses	1,122	1,053	1,114	1,232	1,118	4.7	4.4	4.7	5.2	4.6
At contracting establishments	924	930	993	1,025	970	3.9	3.9	4.2	4.3	4.0
At closing establishments	198	123	121	207	148	0.8	0.5	0.5	0.9	0.6
Net employment change ⁽²⁾	79	29	174	3	245	0.3	0.1	0.7	-0.1	1.1
Retail trade										
Gross job gains	2,972	2,182	2,453	2,310	2,684	6.2	4.6	5.3	5.1	5.9
At expanding establishments	2,625	1,997	2,093	1,963	2,418	5.5	4.2	4.5	4.3	5.3
At opening establishments	347	185	360	347	266	0.7	0.4	0.8	0.8	0.6
Gross job losses	2,328	2,967	2,974	2,611	2,510	5.0	6.3	6.4	5.7	5.4
At contracting establishments	2,161	2,820	2,408	2,435	2,214	4.6	6.0	5.2	5.3	4.8
At closing establishments	167	147	566	176	296	0.4	0.3	1.2	0.4	0.6
Net employment change ⁽²⁾	644	-785	-521	-301	174	1.2	-1.7	-1.1	-0.6	0.5
Professional and business services										
Gross job gains	2,916	3,173	2,876	2,562	2,841	8.5	9.2	8.3	7.4	8.7
At expanding establishments	2,121	2,336	2,219	1,908	2,176	6.2	6.8	6.4	5.5	6.7
At opening establishments	795	837	657	654	665	2.3	2.4	1.9	1.9	2.0
Gross job losses	2,716	2,768	2,755	2,957	2,869	7.9	8.0	7.9	8.5	8.8
At contracting establishments	2,030	2,279	2,054	2,334	2,247	5.9	6.6	5.9	6.7	6.9
At closing establishments	686	489	701	623	622	2.0	1.4	2.0	1.8	1.9
Net employment change ⁽²⁾	200	405	121	-395	-28	0.6	1.2	0.4	-1.1	-0.1
Leisure and hospitality										
Gross job gains	3,594	3,887	3,271	4,051	3,163	8.8	9.6	8.1	10.0	7.8
At expanding establishments	2,801	3,010	2,786	3,212	2,733	6.9	7.4	6.9	7.9	6.7
At opening establishments	793	877	485	839	430	1.9	2.2	1.2	2.1	1.1
Gross job losses	3,565	3,744	3,820	3,422	3,527	8.7	9.3	9.5	8.4	8.6
At contracting establishments	2,941	3,147	3,304	2,959	2,904	7.2	7.8	8.2	7.3	7.1
At closing establishments	624	597	516	463	623	1.5	1.5	1.3	1.1	1.5
Net employment change ⁽²⁾	29	143	-549	629	-364	0.1	0.3	-1.4	1.6	-0.8

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.

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)				
	Mar. 2018	June 2018	Sept. 2018	Dec. 2018	Mar. 2019	Mar. 2018	June 2018	Sept. 2018	Dec. 2018	Mar. 2019
United States ⁽¹⁾	6.1	6.1	6.0	6.3	5.9	5.5	5.8	6.0	5.6	5.5
Alabama	6.1	5.8	6.0	6.3	6.0	5.4	5.7	5.9	5.3	5.5
Alaska	10.1	10.9	8.9	11.0	10.0	8.9	10.7	10.7	9.8	9.0
Arizona	6.0	6.0	6.6	6.2	5.6	5.3	5.9	5.1	5.1	5.5
Arkansas	5.4	5.0	6.1	5.9	5.2	5.2	5.7	5.6	5.0	5.1
California	6.4	6.7	6.5	6.9	6.3	6.0	6.4	6.2	5.9	6.2
Colorado	6.8	6.8	6.6	6.8	6.6	6.0	6.1	6.8	6.0	6.3
Connecticut	5.1	5.8	5.3	5.3	5.2	5.3	5.1	5.7	4.9	5.7
Delaware	7.1	6.4	5.7	6.6	6.4	5.9	6.0	6.5	5.6	5.5
District of Columbia	6.0	5.6	5.3	5.6	5.4	4.9	5.6	5.5	5.1	4.9
Florida	6.2	6.4	6.8	6.4	6.1	5.5	6.1	5.8	6.1	5.6
Georgia	6.5	6.3	6.7	6.3	6.8	5.7	6.4	6.1	5.8	5.7
Hawaii	5.1	5.3	5.1	5.8	5.4	4.7	5.4	5.4	5.1	5.9
Idaho	7.9	7.3	6.8	7.4	7.5	6.1	6.8	6.9	6.3	6.1
Illinois	5.7	5.6	5.5	5.5	5.2	5.2	5.6	5.8	5.6	5.1
Indiana	5.7	5.5	5.2	5.6	5.9	5.1	5.5	5.4	5.0	4.8
Iowa	5.6	5.7	5.3	5.8	5.1	5.3	5.4	5.7	5.3	5.4
Kansas	5.3	5.7	5.9	6.1	5.4	5.4	5.6	5.7	5.4	5.7
Kentucky	6.2	5.9	5.8	6.1	5.8	5.9	5.7	6.0	5.4	5.5
Louisiana	6.7	6.2	6.3	6.2	5.9	5.9	6.5	6.3	5.8	5.9
Maine	7.0	8.0	6.1	7.3	7.2	7.0	7.1	7.5	6.7	6.4
Maryland	6.3	6.1	6.3	6.8	6.4	5.8	5.8	6.6	6.4	5.7
Massachusetts	5.7	6.1	5.6	5.8	5.7	5.2	5.5	6.1	5.3	5.2
Michigan	5.6	5.5	5.0	5.6	5.1	4.6	5.2	6.2	5.2	4.6
Minnesota	5.4	5.8	5.5	5.7	5.2	5.1	5.2	5.7	5.4	5.1
Mississippi	5.5	5.7	5.9	6.5	5.7	6.0	6.0	5.9	5.3	6.2
Missouri	5.5	5.7	5.9	5.8	5.4	5.2	5.7	6.0	5.4	5.3
Montana	7.9	8.0	7.2	8.9	7.6	7.1	7.8	7.9	7.2	8.0
Nebraska	5.8	5.8	5.9	5.9	5.7	5.6	5.8	5.9	5.7	5.6
Nevada	6.5	6.1	6.7	6.6	6.0	5.5	5.8	5.7	5.5	5.4
New Hampshire	6.1	6.7	5.7	6.6	6.3	6.0	6.2	6.8	5.7	5.7
New Jersey	5.7	6.5	6.0	6.4	5.7	6.1	5.8	6.4	5.7	5.6
New Mexico	6.5	6.7	6.4	6.8	6.4	5.7	6.2	6.4	6.1	5.8
New York	6.3	6.3	6.1	6.3	6.0	5.6	5.8	6.4	5.7	5.3
North Carolina	6.2	6.1	5.7	6.7	6.3	5.3	5.7	6.4	5.3	5.1
North Dakota	7.1	6.7	6.6	6.8	7.1	6.3	6.2	6.6	6.2	6.4
Ohio	5.6	5.6	5.4	5.6	5.5	5.1	5.4	5.8	5.3	5.1
Oklahoma	6.2	6.4	6.7	6.5	5.8	5.7	6.3	6.1	6.1	5.8
Oregon	8.0	6.2	6.2	6.7	6.3	5.8	6.3	6.3	6.0	5.8
Pennsylvania	5.3	5.3	5.4	5.3	5.1	4.9	5.1	5.2	4.8	4.8
Rhode Island	6.4	6.3	6.2	6.4	5.8	6.1	6.1	6.4	5.7	5.6
South Carolina	6.3	7.5	5.8	7.4	6.4	5.1	6.7	6.5	5.4	6.0
South Dakota	6.4	6.1	6.0	6.3	5.7	5.9	6.1	5.7	5.8	6.4
Tennessee	5.1	5.5	5.8	5.8	5.4	4.9	5.3	5.3	4.9	4.8
Texas	5.9	5.9	6.0	6.2	5.5	5.1	5.3	5.4	5.2	5.2
Utah	7.5	6.9	7.3	6.9	7.3	6.0	6.4	6.4	6.2	6.2
Vermont	6.5	7.2	6.9	7.4	6.7	7.0	7.1	7.6	6.8	6.3
Virginia	6.0	6.2	5.7	6.3	6.4	5.4	5.8	6.3	5.6	5.5
Washington	7.2	7.3	6.2	6.4	6.2	6.2	6.5	6.5	5.6	5.6
West Virginia	6.9	6.8	7.0	6.3	6.0	6.0	6.4	6.4	6.5	6.6
Wisconsin	5.6	5.5	5.1	5.4	5.1	4.7	5.5	5.9	5.0	4.8
Wyoming	8.6	8.4	8.3	10.0	8.6	8.0	8.4	8.4	7.8	7.8
Puerto Rico	8.5	7.9	7.2	6.0	7.1	6.9	6.2	5.8	6.8	5.1
Virgin Islands	13.3	13.2	12.8	7.9	11.9	18.6	7.0	5.9	7.1	7.4

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.