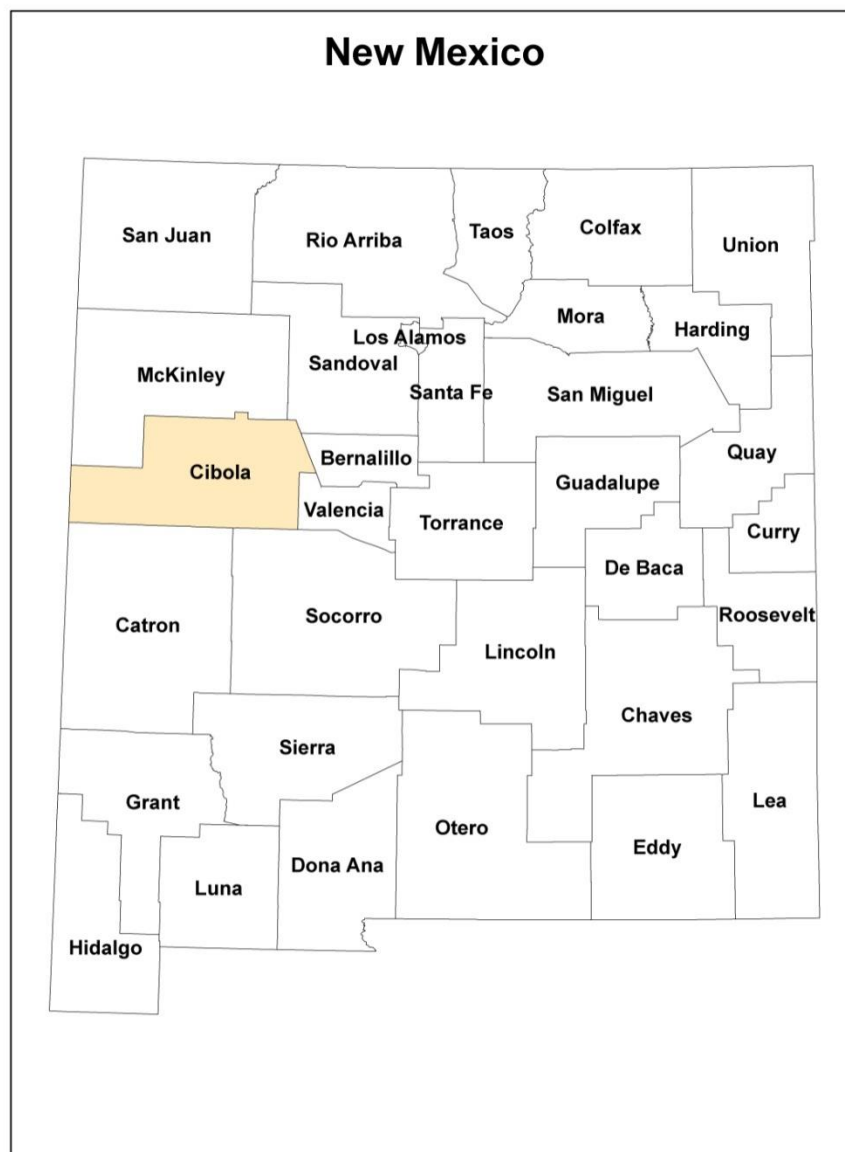


**The Economic Base of Cibola County, NM**

**PREPARED BY: Arrowhead Center,  
New Mexico State University**

**DATE: July 2020**



## The Economic Base of Cibola County, New Mexico

### Introduction

This report is one of 35 economic base studies prepared by New Mexico State University's (NMSU) Arrowhead Center. Of the 35 reports, 33 describe the economic base of New Mexico's counties. There are separate reports for the State of New Mexico and for the Albuquerque Metropolitan Statistical Area (MSA). New Mexico has three additional MSAs (Las Cruces, Santa Fe, and Farmington) all of which are single county MSAs; separate reports for these MSAs were not prepared. All 35 reports may be found at <http://arrowheadcenter.nmsu.edu/economic-and-policy-studies/>.

The reports have been prepared under the direction of James Peach. Erin Sumner, a graduate student in the NMSU Doctorate in Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to [jpeach@nmsu.edu](mailto:jpeach@nmsu.edu). Our intent is to update these reports on an annual basis.

An economic base study is a descriptive tool used to analyze the composition of local economic activity. Economic base studies are often conducted to help guide local economic development activities and to help economic development officials make decisions such as what type of firms they should attempt to attract to local areas. Economic base studies can also help local and regional businesses better understand local and export product markets.

The specific purposes of economic base studies include:

- Understand regional economic growth
- Make short and long-term forecasts
- Identify potential growth sectors
- Identify potential problem areas

According to economic base theory, any local economy may be divided into basic and non-basic industries. This theory also suggests that economic growth depends on sectors that export goods and services out of the region (basic industries), as opposed to those businesses whose services remain local, (non-basic industries). Basic industries promote local economic growth by bringing jobs and income into the local economy. Non-basic industries serve local residents and provide support to basic industries.

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

$$\text{LQ} = \frac{\text{(Employment in industry j in NM / total employment in NM)}}{\text{(Employment in industry j in US / total employment in US)}}$$

The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, an LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see <http://arrowheadcenter.nmsu.edu/wp-content/uploads/2015/06/WhatisaLocationQuotient.pdf>.

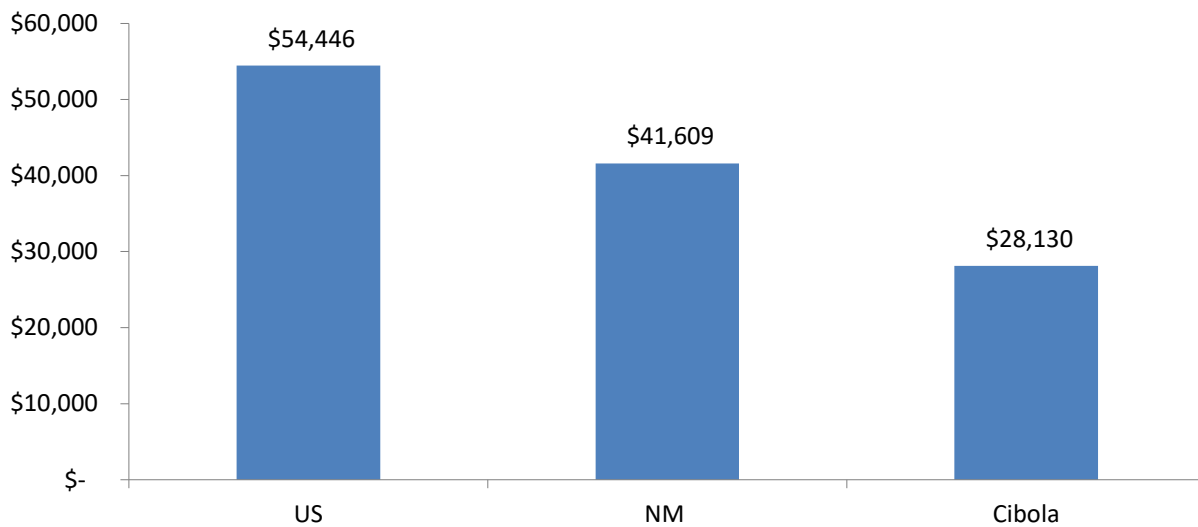
In this report, LQs are calculated for industries within Cibola County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and the four years preceding (2014-2018). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at [www.bea.gov](http://www.bea.gov).

### **Cibola County, New Mexico**

Cibola County is located in central western New Mexico and contains 4,539.48 square miles, or (3.74) percent of the land area in New Mexico. The population of Cibola County in

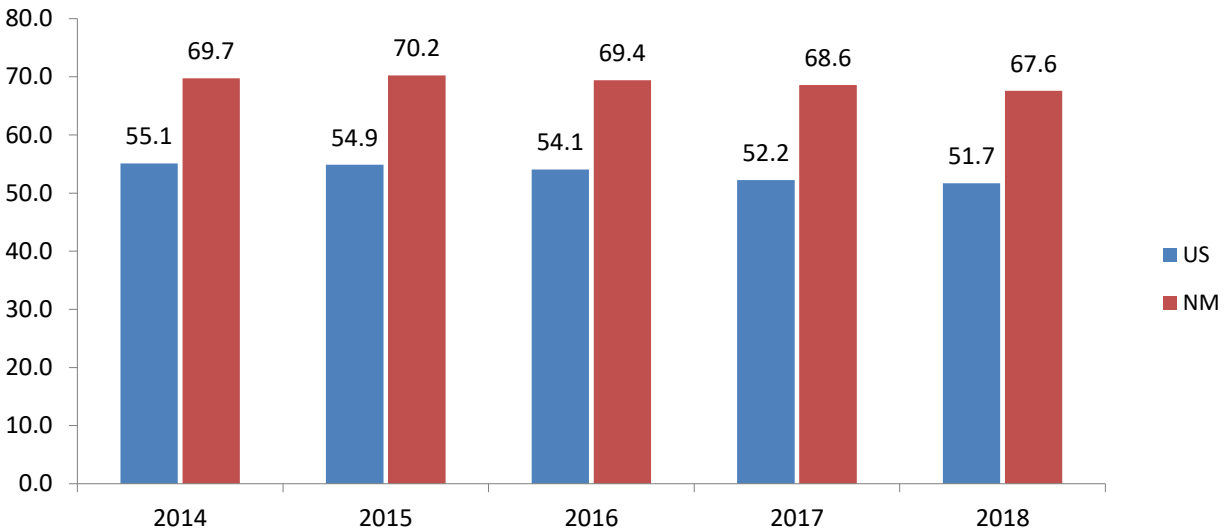
2018 was 26,746, which represented 1.28 percent of the state total and ranking 17<sup>th</sup> in the state of New Mexico in terms of population. According to the U.S. Census Bureau's 2018 population estimates, the City of Grants with a population 9,063 contained 33.89 percent of the population of Cibola County (U.S Census Bureau, 2018). Between 2014 and 2018, Cibola County's population decreased by 1.52 percent from a population of 27,158 in 2014 to 26,746 in 2018. For comparison purposes, New Mexico's population increased by 0.24 percent during the same period and the United States population increased by 2.76 percent during the same period.

**Figure 1. Per Capita Personal Income: Cibola (2018)**



Per capita personal income in Cibola County in 2018 was \$28,130, representing 67.61 percent of the corresponding state figure of \$41,609 and 51.67 percent of the national average of \$54,446 (See Figure 1 and 2). Despite having a relatively low per capita income with respect to the state and national figures, the growth rate of per capita income in Cibola County between 2014 and 2018 of 8.51 percent was slightly lower than New Mexico (11.91 percent) and also lower than the United States (15.70 percent) during the same period.

**Figure 2. Per Capita Income of Cibola as a Percent of U.S. and New Mexico (2014-2018)**



The total number of jobs in Cibola County was 10,037 in 2018. Between 2014 and 2018, total employment in Cibola County decreased by 2.77 percent while the state saw an increase in employment of 2.93 percent and the nation’s employment increased by 7.79 percent. The Cibola County employment to population ratio was 0.38, which was lower than the state’s ratio (0.53) and the nation’s ratio (0.61) in 2018.

In 2018, the Private sector employed 64.21 percent of all workers in Cibola County, while Government and Government Enterprises accounted for 31.41 percent of total employment and Farm employment accounted for 4.37 percent. The industries with the highest percentages of total employment in 2018 included: Retail Trade (9.57), Accommodation and Food Services (6.84) and Administrative and Waste Management Services (5.79). In the public sector, State and Local government were the largest employers (28.14 percent). Local government accounted for 22.97 percent of employment while State government accounted for 5.17 percent. Federal/civilian and Military employment accounted for 2.67 percent and 0.61 percent of the total, respectively. Cibola County employment by sector for 2018 is displayed in Table 1.

## **Basic and Non-Basic Industries in Cibola County, New Mexico**

Table 2 contains LQs for Cibola County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Cibola County from 2014 to 2018 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with an LQ greater than 1.0 have been shaded.

Farm employment, as part of the agricultural sector, is considered a basic industry for Cibola County with a LQ of 3.37 in 2018. Utilities was also found to be a basic industry as its LQ was 2.48 for 2018.

Although data was not released for the mining sector to avoid disclosure of confidential information for the period of 2014 to 2018, Mining has historically been basic industry in Cibola County.

In 2018, Retail Trade had an LQ of 1.00. However, given that this industry is providing support to previously mentioned basic industries, it is considered a non-basic or support industry.

For the public sector, the entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. In 2018, federal, state, and local government employment had LQs greater than 1.0. Federal/civilian employment had an LQ of 1.88 in 2018, reflecting the employment base of Cibola National Forest. Similarly, State government employment had an LQ of 1.92 in 2018, reflecting the employment base of Bluewater Lake State Park. In this analysis both industries, Federal/ civilian and State government, are considered basic economic sectors. In 2018, Local government had an LQ of 3.21. However, Local government is generally categorized as non-basic given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, Local government for Cibola County will be considered as a non-basic industry.

The data and analysis for 2018 suggests the following industries should be considered basic industries in Cibola County:

1. Farm employment, accounted for 439 jobs.

2. Federal/civilian employment, accounted for 268 jobs.
3. State government employment, accounted for 519 jobs.
4. Utilities, accounted for 73 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment by total employment in the basic sectors. In Cibola County the multiplier is equal to 7.73 (10,037/1,299). This ratio suggests that the addition of each basic sector job in Cibola County would be associated with additional 7.73 non-basic sector jobs. The export base multiplier (7.73) calculated above reinforces the importance of basic (exporting) industries to the economy of Cibola County. In general terms, this employment multiplier is not to be compared to employment multipliers included in economic impact analysis tools including RIMS, REMI, and IMPLAN. In Cibola County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation. Also, employment data for Mining and Healthcare and Social Assistance were not available in 2018. While they have traditionally been shown to be basic industries in the county, they were not included in the analysis due to unavailability of data.

Local economic development policy actions such as the creation of industrial parks, tax abatement and financing, and workforce development projects are often used by local communities to expand an area's economic base. The development of a community economic development plan is to include the appropriate combination of policies, which often result from public and private sector interaction.

### **Changes from Prior Year**

This document has been revised to reflect data figures obtained from the BEA for the economic data and the U.S. Census for population data. The following are significant changes for Cibola County for the years preceding 2018. Between 2017 and 2018, the population of Cibola County decreased by 0.55 percent, from 26,895 in 2017 to 26,746 in 2018. Per capita income increased by 3.81 percent from \$27,098 to \$28,130 from 2017 to 2018. Total employment decreased by 0.46 percent, from 10,083 in 2017 to 10,037 in 2018 resulting in a

loss of 46 jobs during this period. Due to unavailability of data, Mining and Healthcare and Social Assistance were not included as basic industries in this analysis. Administrative and Waste Management Services, and Accommodation and Food Services are industries with LQs close to 1.0 that may entail further analysis in future years.

**Tables 1 to 10 appear on pages 8-17**



<b>Table 1: Cibola Employment by Industry 2014-2018</b>					
<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	8345	8384	8353	8131	8059
Proprietors employment	1978	1950	1979	1952	1978
Farm proprietors employment	426	428	427	427	422
Nonfarm proprietors employment 2/	1552	1522	1552	1525	1556
<b>By industry</b>					
Farm employment	441	445	446	445	439
Nonfarm employment	9882	9889	9886	9638	9598
Private nonfarm employment	6572	6611	6636	6419	6445
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	220	220	223	72	73
Construction	213	225	269	276	212
Manufacturing	163	160	162	170	174
Wholesale trade	231	257	249	208	204
Retail trade	1022	1048	1002	976	961
Transportation and warehousing	83	85	88	111	123
Information	29	N/A	N/A	20	25
Finance and insurance	169	158	179	173	164
Real estate and rental and leasing	122	109	107	122	123
Professional, scientific, and technical services	N/A	N/A	N/A	145	149
Management of companies and enterprises	N/A	N/A	N/A	8	10
Administrative and waste management services	616	576	554	515	581
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	90	97	114	128	129
Accommodation and food services	677	653	705	680	687
Other services, except public administration	347	N/A	N/A	325	321
Government and government enterprises	3310	3278	3250	3219	3153
Federal, civilian	319	320	315	290	268
Military	67	63	63	63	61
State and local	2924	2895	2872	2866	2824
State government	587	567	510	508	519
Local government	2337	2328	2362	2358	2305
<b>Total employment</b>	<b>10,323</b>	<b>10,334</b>	<b>10,332</b>	<b>10,083</b>	<b>10,037</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 2: Location Quotients for Cibola (US Base) 2014-2018</b>					
<b>US Base</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	1.04	1.05	1.04	1.05	1.04
Proprietors employment	0.86	0.84	0.85	0.85	0.85
Farm proprietors employment	4.18	4.31	4.40	4.63	4.72
Nonfarm proprietors employment	0.71	0.69	0.70	0.69	0.70
<b>By industry</b>					
Farm employment	3.01	3.10	3.16	3.31	3.37
Nonfarm employment	0.97	0.97	0.97	0.97	0.97
Private nonfarm employment	0.74	0.74	0.75	0.74	0.74
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	6.84	6.78	6.71	2.38	2.48
Construction	0.40	0.42	0.49	0.51	0.39
Manufacturing	0.23	0.23	0.23	0.25	0.26
Wholesale trade	0.62	0.69	0.72	0.63	0.64
Retail trade	0.99	1.01	0.98	0.98	1.00
Transportation and warehousing	0.24	0.23	0.22	0.25	0.26
Information	0.16	N/A	N/A	0.11	0.14
Finance and insurance	0.32	0.30	0.33	0.33	0.32
Real estate and rental and leasing	0.26	0.23	0.23	0.26	0.26
Professional, scientific, and technical services	N/A	N/A	N/A	0.20	0.21
Management of companies and enterprises	N/A	N/A	N/A	0.06	0.07
Administrative and waste management services	0.95	0.90	0.86	0.82	0.93
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.38	0.42	0.49	0.55	0.55
Accommodation and food services	0.90	0.86	0.92	0.90	0.91
Other services, except public administration	0.58	N/A	N/A	0.57	0.57
Government and government enterprises	2.48	2.50	2.50	2.57	2.57
Federal, civilian	2.06	2.10	2.07	1.98	1.88
Military	0.61	0.59	0.61	0.64	0.63
State and local	2.73	2.75	2.75	2.85	2.86
State government	1.99	1.95	1.78	1.84	1.92
Local government	3.02	3.06	3.12	3.23	3.21
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 3: Location Quotients for Cibola (NM Base) 2014-2018</b>					
<b>NM Based</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	1.03	1.03	1.03	1.03	1.02
Proprietors employment	0.90	0.89	0.90	0.90	0.92
Farm proprietors employment	2.07	2.10	2.10	2.16	2.21
Nonfarm proprietors employment	0.78	0.76	0.78	0.78	0.79
<b>By industry</b>					
Farm employment	1.63	1.62	1.58	1.67	1.70
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.82	0.82	0.82	0.81	0.81
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	5.03	4.96	4.81	1.70	1.77
Construction	0.38	0.40	0.47	0.48	0.37
Manufacturing	0.50	0.49	0.52	0.57	0.58
Wholesale trade	0.84	0.95	1.04	0.91	0.92
Retail trade	0.94	0.96	0.93	0.95	0.96
Transportation and warehousing	0.34	0.33	0.35	0.40	0.42
Information	0.19	N/A	N/A	0.14	0.18
Finance and insurance	0.51	0.48	0.53	0.53	0.51
Real estate and rental and leasing	0.33	0.29	0.28	0.33	0.33
Professional, scientific, and technical services	N/A	N/A	N/A	0.20	0.20
Management of companies and enterprises	N/A	N/A	N/A	0.14	0.17
Administrative and waste management services	1.19	1.15	1.09	0.99	1.12
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.39	0.42	0.50	0.55	0.55
Accommodation and food services	0.80	0.77	0.81	0.79	0.80
Other services, except public administration	0.66	N/A	N/A	0.64	0.63
Government and government enterprises	1.66	1.66	1.65	1.70	1.70
Federal, civilian	1.14	1.16	1.13	1.08	1.03
Military	0.39	0.40	0.39	0.40	0.39
State and local	1.89	1.88	1.87	1.96	1.97
State government	1.05	1.02	0.92	0.96	1.01
Local government	2.37	2.38	2.42	2.52	2.51
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 4: Cibola, Total Employment by Industry 2018</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	8,059	80.29
Proprietors employment	1,978	19.71
Farm proprietors employment	422	4.20
Nonfarm proprietors employment	1,556	15.50
<b>By industry</b>		
Farm employment	439	4.37
Nonfarm employment	9,598	95.63
Private nonfarm employment	6,445	64.21
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	73	0.73
Construction	212	2.11
Manufacturing	174	1.73
Wholesale trade	204	2.03
Retail trade	961	9.57
Transportation and warehousing	123	1.23
Information	25	0.25
Finance and insurance	164	1.63
Real estate and rental and leasing	123	1.23
Professional, scientific, and technical services	149	1.48
Management of companies and enterprises	10	0.10
Administrative and waste management services	581	5.79
Educational services	N/A	N/A
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	129	1.29
Accommodation and food services	687	6.84
Other services, except public administration	321	3.20
Government and government enterprises	3,153	31.41
Federal, civilian	268	2.67
Military	61	0.61
State and local	2,824	28.14
State government	519	5.17
Local government	2,305	22.97
<b>Total employment</b>	<b>10,037</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 5: New Mexico Employment by Industry 2014-2018</b>					
<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	852,638	859,962	861,216	862,809	875,574
Proprietors employment	231,134	232,022	231,421	234,860	240,000
Farm proprietors employment	21,557	21,579	21,534	21,511	21,243
Nonfarm proprietors employment 2/	209,577	210,443	209,887	213,349	218,757
<b>By industry</b>					
Farm employment	28,346	29,040	29,884	29,031	28,687
Nonfarm employment	1,055,426	1,062,944	1,062,753	1,068,638	1,086,887
Private nonfarm employment	845,767	854,456	854,248	862,552	881,228
Forestry, fishing, and related activities	5,674	5,541	5,820	5,989	6,157
Mining	38,214	36,656	31,809	31,204	34,490
Utilities	4,591	4,684	4,900	4,623	4,576
Construction	59,584	59,707	60,008	62,061	64,328
Manufacturing	34,027	34,157	33,187	32,562	33,596
Wholesale trade	28,854	28,501	25,380	24,989	24,563
Retail trade	113,924	114,887	113,636	111,466	111,663
Transportation and warehousing	25,905	27,245	26,673	30,016	32,916
Information	15,725	15,587	16,001	15,491	15,297
Finance and insurance	34,781	34,461	35,685	35,674	36,018
Real estate and rental and leasing	39,111	39,659	39,865	40,497	41,842
Professional, scientific, and technical services	76,116	77,543	77,750	79,918	81,618
Management of companies and enterprises	5,632	5,875	6,336	6,143	6,488
Administrative and waste management services	54,370	52,996	53,892	56,396	57,515
Educational services	16,709	16,959	17,013	17,048	17,004
Health care and social assistance	124,796	129,722	134,264	134,791	135,667
Arts, entertainment, and recreation	24,227	24,245	24,150	25,154	26,008
Accommodation and food services	88,297	90,194	92,523	93,512	95,173
Other services, except public administration	55,230	55,837	55,356	55,018	56,309
Government and government enterprises	209,659	208,488	208,505	206,086	205,659
Federal, civilian	29,451	29,188	29,385	29,281	28,881
Military	17,809	16,837	17,132	17,346	17,588
State and local	162,399	162,463	161,988	159,459	159,190
State government	58,771	58,969	58,707	57,448	57,079
Local government	103,628	103,494	103,281	102,011	102,111
<b>Total employment</b>	<b>1,083,772</b>	<b>1,091,984</b>	<b>1,092,637</b>	<b>1,097,669</b>	<b>1,115,574</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 6: United States Employment by Industry 2014-2018</b>					
<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	144,722,000	147,636,000	149,912,000	151,860,000	154,375,000
Proprietors employment	41,511,800	42,679,800	43,459,900	44,965,300	46,371,000
Farm proprietors employment	1,840,000	1,829,000	1,818,000	1,802,000	1,790,000
Nonfarm proprietors employment	39,671,800	40,850,800	41,641,900	43,163,300	44,581,000
<b>By industry</b>					
Farm employment	2,643,000	2,646,000	2,638,000	2,621,000	2,604,000
Nonfarm employment	183,590,800	187,669,800	190,733,900	194,204,300	198,142,000
Private nonfarm employment	159,535,800	163,523,800	166,428,900	169,778,300	173,599,000
Forestry, fishing, and related activities	941,000	915,900	935,200	938,300	969,400
Mining	1,597,500	1,553,300	1,452,200	1,320,900	1,353,700
Utilities	580,600	597,400	622,000	590,800	589,700
Construction	9,564,300	9,844,900	10,322,100	10,557,000	10,973,300
Manufacturing	12,907,600	13,076,600	13,131,900	13,235,200	13,501,300
Wholesale trade	6,719,600	6,817,100	6,463,400	6,492,900	6,422,200
Retail trade	18,713,100	19,092,300	19,195,500	19,345,100	19,307,500
Transportation and warehousing	6,282,400	6,932,700	7,418,200	8,520,900	9,364,300
Information	3,327,000	3,316,400	3,384,900	3,404,500	3,460,100
Finance and insurance	9,621,000	9,845,600	10,188,400	10,250,300	10,394,600
Real estate and rental and leasing	8,405,800	8,668,300	8,868,200	9,203,700	9,504,800
Professional, scientific, and technical services	12,864,700	13,333,200	13,496,900	13,848,200	14,203,900
Management of companies and enterprises	2,361,300	2,425,500	2,603,800	2,568,700	2,669,500
Administrative and waste management services	11,719,200	11,770,600	12,034,600	12,212,600	12,472,900
Educational services	4,498,100	4,610,900	4,641,800	4,702,400	4,771,700
Health care and social assistance	20,798,400	21,351,100	21,816,100	22,214,300	22,619,800
Arts, entertainment, and recreation	4,223,300	4,220,100	4,363,100	4,518,600	4,684,900
Accommodation and food services	13,548,900	13,977,700	14,399,000	14,788,400	15,077,500
Other services, except public administration	10,862,000	11,174,200	11,091,600	11,065,500	11,257,900
Government and government enterprises	24,055,000	24,146,000	24,305,000	24,426,000	24,543,000
Federal, civilian	2,792,000	2,810,000	2,847,000	2,857,000	2,849,000
Military	1,975,000	1,957,000	1,928,000	1,929,000	1,922,000
State and local	19,288,000	19,379,000	19,530,000	19,640,000	19,772,000
State government	5,330,000	5,349,000	5,356,000	5,383,000	5,395,000
Local government	13,958,000	14,030,000	14,174,000	14,257,000	14,377,000
<b>Total employment</b>	<b>186,233,800</b>	<b>190,315,800</b>	<b>193,371,900</b>	<b>196,825,300</b>	<b>200,746,000</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 7: Cibola, New Mexico and United States Percent of Employment by Industry 2018</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>Cibola</b>
<b>By type</b>			
Wage and salary employment	76.90	78.49	80.29
Proprietors employment	23.10	21.51	19.71
Farm proprietors employment	0.89	1.90	4.20
Nonfarm proprietors employment	22.21	19.61	15.50
<b>By industry</b>			
Farm employment	1.30	2.57	4.37
Nonfarm employment	98.70	97.43	95.63
Private nonfarm employment	86.48	78.99	64.21
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	0.73
Construction	5.47	5.77	2.11
Manufacturing	6.73	3.01	1.73
Wholesale trade	3.20	2.20	2.03
Retail trade	9.62	10.01	9.57
Transportation and warehousing	4.66	2.95	1.23
Information	1.72	1.37	0.25
Finance and insurance	5.18	3.23	1.63
Real estate and rental and leasing	4.73	3.75	1.23
Professional, scientific, and technical services	7.08	7.32	1.48
Management of companies and enterprises	1.33	0.58	0.10
Administrative and waste management services	6.21	5.16	5.79
Educational services	2.38	1.52	N/A
Health care and social assistance	11.27	12.16	N/A
Arts, entertainment, and recreation	2.33	2.33	1.29
Accommodation and food services	7.51	8.53	6.84
Other services, except public administration	5.61	5.05	3.20
Government and government enterprises	12.23	18.44	31.41
Federal, civilian	1.42	2.59	2.67
Military	0.96	1.58	0.61
State and local	9.85	14.27	28.14
State government	2.69	5.12	5.17
Local government	7.16	9.15	22.97
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 8: Cibola Percent of Employment by Sectors 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	80.84	81.13	80.85	80.64	80.29
Proprietors employment	19.16	18.87	19.15	19.36	19.71
Farm proprietors employment	4.13	4.14	4.13	4.23	4.20
Nonfarm proprietors employment	15.03	14.73	15.02	15.12	15.50
<b>By industry</b>					
Farm employment	4.27	4.31	4.32	4.41	4.37
Nonfarm employment	95.73	95.69	95.68	95.59	95.63
Private nonfarm employment	63.66	63.97	64.23	63.66	64.21
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	2.13	2.13	2.16	0.71	0.73
Construction	2.06	2.18	2.60	2.74	2.11
Manufacturing	1.58	1.55	1.57	1.69	1.73
Wholesale trade	2.24	2.49	2.41	2.06	2.03
Retail trade	9.90	10.14	9.70	9.68	9.57
Transportation and warehousing	0.80	0.82	0.85	1.10	1.23
Information	0.28	N/A	N/A	0.20	0.25
Finance and insurance	1.64	1.53	1.73	1.72	1.63
Real estate and rental and leasing	1.18	1.05	1.04	1.21	1.23
Professional, scientific, and technical services	N/A	N/A	N/A	1.44	1.48
Management of companies and enterprises	N/A	N/A	N/A	0.08	0.10
Administrative and waste management services	5.97	5.57	5.36	5.11	5.79
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.87	0.94	1.10	1.27	1.29
Accommodation and food services	6.56	6.32	6.82	6.74	6.84
Other services, except public administration	3.36	N/A	N/A	3.22	3.20
Government and government enterprises	32.06	31.72	31.46	31.93	31.41
Federal, civilian	3.09	3.10	3.05	2.88	2.67
Military	0.65	0.61	0.61	0.62	0.61
State and local	28.33	28.01	27.80	28.42	28.14
State government	5.69	5.49	4.94	5.04	5.17
Local government	22.64	22.53	22.86	23.39	22.97
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation



<b>Table 9: New Mexico Percent of Employment by Industry 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
<b>By industry</b>					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculations

<b>Table 10: United States Percent of Employment by Industry 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	77.71	77.57	77.53	77.15	76.90
Proprietors employment	22.29	22.43	22.47	22.85	23.10
Farm proprietors employment	0.99	0.96	0.94	0.92	0.89
Nonfarm proprietors employment	21.30	21.46	21.53	21.93	22.21
<b>By industry</b>					
Farm employment	1.42	1.39	1.36	1.33	1.30
Nonfarm employment	98.58	98.61	98.64	98.67	98.70
Private nonfarm employment	85.66	85.92	86.07	86.26	86.48
Forestry, fishing, and related activities	0.51	0.48	0.48	0.48	0.48
Mining	0.86	0.82	0.75	0.67	0.67
Utilities	0.31	0.31	0.32	0.30	0.29
Construction	5.14	5.17	5.34	5.36	5.47
Manufacturing	6.93	6.87	6.79	6.72	6.73
Wholesale trade	3.61	3.58	3.34	3.30	3.20
Retail trade	10.05	10.03	9.93	9.83	9.62
Transportation and warehousing	3.37	3.64	3.84	4.33	4.66
Information	1.79	1.74	1.75	1.73	1.72
Finance and insurance	5.17	5.17	5.27	5.21	5.18
Real estate and rental and leasing	4.51	4.55	4.59	4.68	4.73
Professional, scientific, and technical services	6.91	7.01	6.98	7.04	7.08
Management of companies and enterprises	1.27	1.27	1.35	1.31	1.33
Administrative and waste management services	6.29	6.18	6.22	6.20	6.21
Educational services	2.42	2.42	2.40	2.39	2.38
Health care and social assistance	11.17	11.22	11.28	11.29	11.27
Arts, entertainment, and recreation	2.27	2.22	2.26	2.30	2.33
Accommodation and food services	7.28	7.34	7.45	7.51	7.51
Other services, except public administration	5.83	5.87	5.74	5.62	5.61
Government and government enterprises	12.92	12.69	12.57	12.41	12.23
Federal, civilian	1.50	1.48	1.47	1.45	1.42
Military	1.06	1.03	1.00	0.98	0.96
State and local	10.36	10.18	10.10	9.98	9.85
State government	2.86	2.81	2.77	2.73	2.69
Local government	7.49	7.37	7.33	7.24	7.16
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation